

**Supplementary Table 1: All ticks found between March 2015 and November 2022, according to their host species and date of collection**

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS274     | TUR MER | 2015.03.21 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS275     | TUR MER | 2015.03.21 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS276     | TUR MER | 2015.03.11 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS277     | CAR CHL | 2015.03.11 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS278     | TUR MER | 2015.03.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS279     | TUR MER | 2015.03.13 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS280     | TUR MER | 2015.03.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS281     | TUR MER | 2015.03.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS282     | TUR MER | 2015.03.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS283     | FRI COE | 2015.03.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS284     | TUR MER | 2015.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS285     | TUR PHI | 2015.03.17 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS286     | PAR MAJ | 2015.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS287     | TUR MER | 2015.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS288     | TUR MER | 2015.03.18 |                     | 10                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS289     | PRU MOD | 2015.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS290     | PRU MOD | 2015.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS291     | PRU MOD | 2015.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS292     | TUR MER | 2015.03.19 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS294     | TUR MER | 2015.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS295     | PAR CAE | 2015.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS296     | PAR MAJ | 2015.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS297     | FRI MON | 2015.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS298     | PAR MAJ | 2015.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS299     | ERI RUB | 2015.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS300     | TUR MER | 2015.03.22 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS302     | PAR MAJ | 2015.03.22 | 1                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS303     | TUR PHI | 2015.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS304     | TUR PHI | 2015.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS305     | TUR PHI | 2015.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS306     | FRI COE | 2015.03.22 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS307     | TUR MER | 2015.03.23 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS308     | TUR MER | 2015.03.23 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS309     | PAR MAJ | 2015.03.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS310     | TUR PHI | 2015.03.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS311     | TUR PHI | 2015.03.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS312     | TUR MER | 2015.03.23 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS313     | TUR MER | 2015.03.24 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS314     | TUR MER | 2015.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS315     | TUR MER | 2015.03.24 | 1                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS316     | TUR MER | 2015.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS317     | TRO TRO | 2015.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS318     | PAR MAJ | 2015.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS320     | PAR MAJ | 2015.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS321     | TUR MER | 2015.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS322     | TUR MER | 2015.03.25 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS323     | ERI RUB | 2015.03.25 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS324     | TUR MER | 2015.03.25 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS325     | COC COC | 2015.03.25 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS326     | TUR MER | 2015.03.25 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS327     | PRU MOD | 2015.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS328     | FRI MON | 2015.03.25 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS329     | PAR MAJ | 2015.03.25 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS330     | PRU MOD | 2015.03.25 |                     | 6                   | 8                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS331     | TUR MER | 2015.03.25 |                     | 18                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS332     | TUR MER | 2015.03.25 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS333     | PRU MOD | 2015.03.26 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS334     | TUR MER | 2015.03.26 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS335     | TUR MER | 2015.03.27 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS336     | TUR MER | 2015.03.27 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS337     | TUR MER | 2015.03.27 |                     |                     |                       |                       |                       | 2                  | 1                  |                     |                     |                       |                       |                       |                        |                       |                         |
| HS338     | PRU MOD | 2015.03.27 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS339     | ERI RUB | 2015.03.27 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS340     | TUR MER | 2015.03.27 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS341     | TUR MER | 2015.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS342     | TUR ILI | 2015.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS343     | TUR MER | 2015.03.28 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS344     | TUR ILI | 2015.03.28 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS345     | COC COC | 2015.03.28 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS346     | PAR MAJ | 2015.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS347     | ERI RUB | 2015.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS348     | PRU MOD | 2015.03.28 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS349     | PHY COL | 2015.03.28 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS350     | COC COC | 2015.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS351     | PAR MAJ | 2015.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS352     | PRU MOD | 2015.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS353     | PRU MOD | 2015.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS354     | PRU MOD | 2015.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS355     | TUR MER | 2015.03.28 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS356     | ERI RUB | 2015.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS357     | TUR MER | 2015.03.29 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS358     | ERI RUB | 2015.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS359     | ERI RUB | 2015.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS360     | PRU MOD | 2015.03.29 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS361     | PRU MOD | 2015.03.29 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS362     | COC COC | 2015.03.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS364     | TUR MER | 2015.03.29 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS365     | PRU MOD | 2015.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS366     | ERI RUB | 2015.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS367     | TUR PHI | 2015.03.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS368     | PRU MOD | 2015.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS369     | TUR ILI | 2015.03.30 | 2                   | 13                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS370     | TUR PHI | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS371     | TUR PHI | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS372     | ERI RUB | 2015.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS373     | ERI RUB | 2015.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS374     | TUR MER | 2015.03.30 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS375     | TUR MER | 2015.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS376     | ERI RUB | 2015.03.30 |                     | 12                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS377     | ERI RUB | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS378     | PRU MOD | 2015.03.30 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS379     | PRU MOD | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS380     | ERI RUB | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS381     | ERI RUB | 2015.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS382     | ERI RUB | 2015.03.30 | 1                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS383     | PRU MOD | 2015.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS384     | COC COC | 2015.03.30 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS385     | ERI RUB | 2015.03.30 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS386     | TUR MER | 2015.03.31 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS387     | TUR MER | 2015.04.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS388     | ERI RUB | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS389     | TUR MER | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS390     | TUR MER | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS391     | ERI RUB | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS392     | ERI RUB | 2015.04.04 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS393     | ERI RUB | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS394     | ERI RUB | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS395     | TUR MER | 2015.04.04 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS396     | TUR MER | 2015.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS397     | TUR MER | 2015.04.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS398     | ERI RUB | 2015.04.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS399     | ERI RUB | 2015.04.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS400     | TUR PHI | 2015.04.05 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS401     | PRU MOD | 2015.04.05 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS402     | ERI RUB | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS403     | TUR MER | 2015.04.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS404     | PRU MOD | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS405     | ERI RUB | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS406     | ERI RUB | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS407     | TUR PHI | 2015.04.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS408     | TUR PHI | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS409     | TUR PHI | 2015.04.06 |                     | 13                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS410     | ERI RUB | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS411     | COC COC | 2015.04.06 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS412     | TRO TRO | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS413     | ERI RUB | 2015.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS414     | PRU MOD | 2015.04.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS415     | ERI RUB | 2015.04.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS416     | ERI RUB | 2015.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS417     | ERI RUB | 2015.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS418     | COC COC | 2015.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS419     | PRU MOD | 2015.04.07 |                     | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS420     | TUR MER | 2015.04.07 |                     | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS421     | ERI RUB | 2015.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS422     | ERI RUB | 2015.04.07 | 3                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS423     | ERI RUB | 2015.04.07 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS424     | PRU MOD | 2015.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS425     | ERI RUB | 2015.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS426     | TUR MER | 2015.04.08 | 1                   | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS427     | ERI RUB | 2015.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS428     | TUR MER | 2015.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS429     | COC COC | 2015.04.08 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS430     | GAR GLA | 2015.04.08 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS431     | ERI RUB | 2015.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS432     | ERI RUB | 2015.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS433     | ERI RUB | 2015.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS434     | TUR MER | 2015.04.09 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS435     | TUR MER | 2015.04.09 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS436     | TUR PHI | 2015.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS437     | TUR MER | 2015.04.10 | 2                   | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS438     | ERI RUB | 2015.04.10 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS439     | ERI RUB | 2015.04.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS440     | ERI RUB | 2015.04.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS441     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS442     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS443     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS445     | ERI RUB | 2015.04.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS446     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS447     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS448     | ERI RUB | 2015.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS449     | ERI RUB | 2015.04.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS450     | ERI RUB | 2015.04.10 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        | 1                     |                         |
| HS451     | SYL ATR | 2015.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | I. ricinus L | I. ricinus N | I. frontalis L | I. frontalis N | I. frontalis F | I. festai F | I. festai M | I. lividus N | I. lividus F | Ha. concinna L | Ha. concinna N | Ha. punctata L | I. arboricola N | Hyalomma sp. N | D. reticulatus F |
|-----------|---------|------------|--------------|--------------|----------------|----------------|----------------|-------------|-------------|--------------|--------------|----------------|----------------|----------------|-----------------|----------------|------------------|
| HS452     | TUR PHI | 2015.04.12 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS453     | TUR MER | 2015.04.12 |              | 7            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS454     | ERI RUB | 2015.04.12 |              | 1            |                | 1              |                |             |             |              |              |                |                |                |                 |                |                  |
| HS455     | PRU MOD | 2015.04.12 |              | 4            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS456     | ERI RUB | 2015.04.12 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS457     | PRU MOD | 2015.04.12 |              | 8            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS458     | ERI RUB | 2015.04.12 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS459     | ERI RUB | 2015.04.13 |              | 3            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS460     | ERI RUB | 2015.04.13 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS461     | TUR MER | 2015.04.13 |              | 3            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS462     | ERI RUB | 2015.04.13 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS463     | ERI RUB | 2015.04.13 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS464     | TUR MER | 2015.04.13 |              | 13           |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS465     | TUR MER | 2015.04.13 |              | 13           |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS466     | PRU MOD | 2015.04.13 |              | 18           |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS467     | TUR PHI | 2015.04.13 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS468     | ERI RUB | 2015.04.13 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS469     | CAR CHL | 2015.04.13 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS470     | PRU MOD | 2015.04.14 |              | 5            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS471     | TUR PHI | 2015.04.14 |              | 3            |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| HS472     | TUR MER | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| HS473     | ERI RUB | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS474     | PRU MOD | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS475     | TUR MER | 2015.04.14 | 1            | 7            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| HS476     | PRU MOD | 2015.04.14 |              | 4            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1       | TUR MER | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB2       | ERI RUB | 2015.04.14 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB3       | ERI RUB | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB4       | TUR PHI | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB5       | TUR PHI | 2015.04.14 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB6       | ERI RUB | 2015.04.14 |              | 3            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB7       | TUR MER | 2015.04.14 |              | 7            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB8       | ERI RUB | 2015.04.14 | 1            | 3            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB9       | ERI RUB | 2015.04.14 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB10      | COC COC | 2015.04.14 | 2            | 9            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB11      | ERI RUB | 2015.04.14 | 1            |              |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB12      | TRO TRO | 2015.04.14 |              | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB13      | TUR MER | 2015.04.14 |              | 10           |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB14      | ERI RUB | 2015.04.14 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB15      | TUR MER | 2015.04.15 | 1            | 8            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB16      | TUR PHI | 2015.04.15 | 1            | 2            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB34      | GAR GLA | 2015.04.17 | 1                   | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB35      | TUR MER | 2015.04.18 |                     | 11                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB37      | ERI RUB | 2015.04.18 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB38      | ERI RUB | 2015.04.18 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB39      | FIC ALB | 2015.04.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        | 1                     |                         |
| FB40      | COC COC | 2015.04.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB41      | LUS MEG | 2015.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB42      | ERI RUB | 2015.04.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB43      | TUR MER | 2015.04.25 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 4                     |                       |                        |                       |                         |
| FB44      | TUR MER | 2015.05.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB45      | CAR CHL | 2015.05.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB46      | TUR MER | 2015.05.03 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB47      | SYL ATR | 2015.05.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB48      | TUR MER | 2015.05.03 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB49      | TUR MER | 2015.05.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB50      | TUR MER | 2015.05.07 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB51      | ACR ARU | 2015.05.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB52      | TUR MER | 2015.05.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB53      | ACR RIS | 2015.05.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB54      | HIP ICT | 2015.05.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB55      | ERI RUB | 2015.05.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB56      | ACR RIS | 2015.05.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB57      | CAR CHL | 2015.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB58      | CAR CHL | 2015.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB59      | CAR CHL | 2015.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB60      | ACR RIS | 2015.06.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB61      | ACR RIS | 2015.06.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB62      | PAR MAJ | 2015.06.01 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB63      | TUR MER | 2015.06.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB64      | ACR SCI | 2015.06.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB65      | SYL ATR | 2015.06.11 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB66      | TUR PHI | 2015.06.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB67      | LOC LUS | 2015.06.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 6                     | 1                     |                       |                        |                       |                         |
| FB68      | TUR PHI | 2015.06.17 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB69      | LOC LUS | 2015.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 3                     |                       |                        |                       |                         |
| FB70      | SYL ATR | 2015.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB72      | ERI RUB | 2015.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 3                     |                       |                       |                        |                       |                         |
| FB73      | SIT EUR | 2015.06.17 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB74      | TUR MER | 2015.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB75      | TUR MER | 2015.06.17 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB76      | RIP RIP | 2015.06.18 |                     |                     |                       |                       |                       |                    |                    | 1                   |                     |                       |                       |                       |                        |                       |                         |
| FB77      | TUR PHI | 2015.06.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB78      | LOC LUS | 2015.06.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 18                    |                       |                        |                       |                         |
| FB83      | PAR MAJ | 2015.06.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB84      | ACR SCI | 2015.06.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB85      | LOC LUS | 2015.06.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 1                     |                       |                        |                       |                         |
| FB86      | LOC LUS | 2015.06.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 1                     |                       |                        |                       |                         |
| FB87      | TUR PHI | 2015.06.24 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| FB88      | ACR SCI | 2015.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB90      | LOC LUS | 2015.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB91      | LOC LUS | 2015.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB92      | ACR SCH | 2015.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB95      | ACR SCI | 2015.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB96      | ACR SCI | 2015.07.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB97      | RIP RIP | 2015.07.07 |                     |                     |                       |                       |                       |                    |                    |                     | 3                   |                       |                       |                       |                        |                       |                         |
| FB98      | LOC LUS | 2015.07.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB99      | LUS MEG | 2015.07.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 3                     |                       |                       |                        |                       |                         |
| FB100     | ERI RUB | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB101     | TUR MER | 2015.07.10 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB102     | TUR MER | 2015.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB103     | TUR PHI | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB104     | LOC LUS | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB106     | TUR MER | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 5                     |                       |                        |                       |                         |
| FB107     | LOC LUS | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB109     | TUR MER | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB110     | ACR RIS | 2015.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB111     | TUR PHI | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 1                     |                       |                        |                       |                         |
| FB112     | TUR PHI | 2015.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB113     | LOC LUS | 2015.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 2                     |                       |                        |                       |                         |
| FB114     | ACR RIS | 2015.07.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB115     | TUR PHI | 2015.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 6                     |                       |                       |                        |                       |                         |
| FB116     | TUR MER | 2015.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 10                    | 5                     |                       |                        |                       |                         |
| FB117     | TUR MER | 2015.07.11 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB118     | TUR MER | 2015.07.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB120     | ACR RIS | 2015.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB121     | LOC LUS | 2015.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 4                     |                       |                        |                       |                         |
| FB122     | ACR SCI | 2015.07.12 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 4                     |                       |                       |                        |                       |                         |
| FB123     | LOC LUS | 2015.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 3                     |                       |                        |                       |                         |
| FB124     | LOC LUS | 2015.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB125     | LOC LUS | 2015.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB126     | TUR MER | 2015.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB127     | ACR SCH | 2015.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| FB128     | TUR PHI | 2015.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB129     | ERI RUB | 2015.07.13 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB130     | ACR RIS | 2015.07.13 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB131     | ACR RIS | 2015.07.13 | 5                   | 1                   |                       |                       |                       |                    |                    |                     |                     | 2                     | 2                     |                       |                        |                       |                         |
| FB132     | ERI RUB | 2015.07.13 | 6                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB133     | LOC LUS | 2015.07.14 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 2                     |                       |                        |                       |                         |
| FB134     | ACR RIS | 2015.07.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 15                    | 5                     |                       |                        |                       |                         |
| FB135     | LOC LUS | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB136     | LOC LUS | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB137     | ACR RIS | 2015.07.14 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB138     | LOC LUS | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB139     | ACR ARU | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB140     | LOC LUS | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB141     | ACR RIS | 2015.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     |                       |                       |                        |                       |                         |
| FB142     | ACR SCH | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB143     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB144     | ERI RUB | 2015.07.15 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB145     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| FB146     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| FB147     | TUR MER | 2015.07.15 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB148     | TUR PHI | 2015.07.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB149     | ACR SCI | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| FB150     | ACR SCH | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 4                     |                       |                        |                       |                         |
| FB151     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 5                     |                       |                        |                       |                         |
| FB152     | ACR SCI | 2015.07.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB153     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 3                     |                       |                        |                       |                         |
| FB154     | ACR SCI | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB155     | ACR SCI | 2015.07.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB156     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 6                     |                       |                        |                       |                         |
| FB157     | ACR SCI | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB159     | TUR PHI | 2015.07.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB160     | LOC LUS | 2015.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| FB161     | TUR MER | 2015.07.15 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB162     | TUR MER | 2015.07.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB163     | LUS MEG | 2015.07.16 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB164     | TUR MER | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB165     | TUR MER | 2015.07.16 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 1                     |                       |                        |                       |                         |
| FB166     | ERI RUB | 2015.07.16 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB167     | ACR SCI | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 6                     | 1                     |                       |                        |                       |                         |
| FB168     | ACR SCI | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB169     | LOC LUS | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB170     | TUR MER | 2015.07.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB171     | TUR PHI | 2015.07.16 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB172     | ACR SCI | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB173     | TUR MER | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB174     | LOC LUS | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB175     | TUR MER | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| FB176     | ACR SCI | 2015.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     |                       |                       |                        |                       |                         |
| FB177     | TUR MER | 2015.07.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB178     | ACR ARU | 2015.07.17 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB179     | ACR SCI | 2015.07.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB180     | LOC LUS | 2015.07.17 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| FB185     | ACR SCI | 2015.07.17 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB190     | ACR SCI | 2015.07.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB191     | ERI RUB | 2015.07.19 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB192     | ACR RIS | 2015.07.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB193     | ERI RUB | 2015.07.19 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB194     | ACR RIS | 2015.07.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB195     | ACR RIS | 2015.07.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB196     | LOC LUS | 2015.07.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB197     | TUR PHI | 2015.07.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB198     | LOC FLU | 2015.07.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB200     | PHY COL | 2015.07.20 | 4                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB201     | COT COT | 2015.07.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       | 28                    |                        |                       |                         |
| FB202     | LOC LUS | 2015.07.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 8                     | 4                     |                       |                        |                       |                         |
| FB203     | ACR ARU | 2015.07.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB204     | LUS MEG | 2015.07.21 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB205     | TUR MER | 2015.07.21 | 1                   | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB206     | ERI RUB | 2015.07.21 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB207     | LUS MEG | 2015.07.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB208     | ACR RIS | 2015.07.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB209     | ERI RUB | 2015.07.23 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB210     | ACR SCI | 2015.07.23 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB211     |         |            |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB230     | ERI RUB | 2015.07.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB231     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB232     | ERI RUB | 2015.07.27 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB233     | ACR SCI | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB234     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 9                     | 15                    |                       |                        |                       |                         |
| FB235     | ACR SCI | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB236     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB237     | LOC LUS | 2015.07.27 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 1                     |                       |                        |                       |                         |
| FB238     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 5                     |                       |                        |                       |                         |
| FB240     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB241     | LOC LUS | 2015.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| FB242     | ACR RIS | 2015.07.28 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB243     | TUR PHI | 2015.07.28 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB246     | ACR RIS | 2015.07.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB247     | ACR SCH | 2015.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB248     | ACR SCI | 2015.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB249     | TUR MER | 2015.07.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB250     | LUS MEG | 2015.07.29 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB251     | ACR SCI | 2015.07.29 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB252     | LOC LUS | 2015.07.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 7                     |                       |                        |                       |                         |
| FB253     | LOC LUS | 2015.07.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 7                     |                       |                        |                       |                         |
| FB254     | ACR SCI | 2015.07.30 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB255     | ACR RIS | 2015.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB256     | TUR PHI | 2015.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB257     | TUR PHI | 2015.07.31 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB258     | COT COT | 2015.07.31 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB259     | ACR ARU | 2015.07.31 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB260     | LOC LUS | 2015.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB261     | LOC LUS | 2015.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB262     | LOC LUS | 2015.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 5                     |                       |                        |                       |                         |
| FB263     | ACR SCI | 2015.08.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB264     | LOC LUS | 2015.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 5                     | 14                    |                       |                        |                       |                         |
| FB265     | ACR SCH | 2015.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB266     | ACR SCI | 2015.08.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB267     | ACR RIS | 2015.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     |                       |                       |                        |                       |                         |
| FB268     | ACR RIS | 2015.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB269     | ACR RIS | 2015.08.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB270     | LOC LUS | 2015.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 5                     |                       |                        |                       |                         |
| FB271     | LOC LUS | 2015.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 15                    | 3                     |                       |                        |                       |                         |
| FB272     | ACR SCH | 2015.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB273     | ACR RIS | 2015.08.03 | 2                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB274     | LOC LUS | 2015.08.03 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 11                    | 4                     |                       |                        |                       |                         |
| FB275     | ACR RIS | 2015.08.03 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB276     | ACR RIS | 2015.08.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB278     | TUR MER | 2015.08.05 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB279     | ACR RIS | 2015.08.05 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB280     | ACR SCI | 2015.08.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB281     | TUR PHI | 2015.08.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB282     | ACR ARU | 2015.08.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB284     | LUS MEG | 2015.08.07 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB285     | LOC LUS | 2015.08.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 7                     |                       |                        |                       |                         |
| FB286     | ACR RIS | 2015.08.08 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB287     | LOC LUS | 2015.08.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 1                     |                       |                        |                       |                         |
| FB288     | LUS LUS | 2015.08.09 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB289     | ACR SCI | 2015.08.09 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB290     | LOC LUS | 2015.08.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| FB291     | LOC LUS | 2015.08.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| FB292     | ACR ARU | 2015.08.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB354     | ANT TRI | 2015.09.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB355     | ANT TRI | 2015.09.08 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB356     | ERI RUB | 2015.09.10 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB357     | SYL COM | 2015.09.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB359     | ANT TRI | 2015.09.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB360     | ANT TRI | 2015.09.12 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB361     | ERI RUB | 2015.09.13 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB362     | SYL COM | 2015.09.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB363     | ERI RUB | 2015.09.14 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB364     | SYL BOR | 2015.09.14 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB365     | SYL ATR | 2015.09.14 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB366     | SYL ATR | 2015.09.14 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB367     | LUS LUS | 2015.09.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB368     | SYL ATR | 2015.09.15 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB369     | SYL ATR | 2015.09.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB370     | PHY COL | 2015.09.15 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB371     | ERI RUB | 2015.09.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB372     | PHY TRO | 2015.09.17 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB373     | SYL COM | 2015.09.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB374     | SYL ATR | 2015.09.17 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB375     | ERI RUB | 2015.09.17 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB376     | ERI RUB | 2015.09.19 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB377     | ERI RUB | 2015.09.19 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB378     | ERI RUB | 2015.09.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB379     | SYL ATR | 2015.09.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB380     | PHO PHO | 2015.09.22 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB381     | ERI RUB | 2015.09.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB382     | ERI RUB | 2015.09.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB383     | ERI RUB | 2015.09.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB384     | ACR SCH | 2015.09.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     |                       |                       |                        |                       |                         |
| FB385     | ERI RUB | 2015.09.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB386     | ERI RUB | 2015.09.28 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB387     | ERI RUB | 2015.09.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB388     | ERI RUB | 2015.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB389     | PRU MOD | 2015.10.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB390     | SYL ATR | 2015.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB391     | TUR PHI | 2015.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB392     | ERI RUB | 2015.10.02 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB393     | PRU MOD | 2015.10.02 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB394     | PRU MOD | 2015.10.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB395     | TUR MER | 2015.10.04 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB396     | PAR MAJ | 2015.10.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB397     | ACR SCI | 2015.10.05 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB398     | SYL ATR | 2015.10.05 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB399     | ERI RUB | 2015.10.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB400     | FRI COE | 2015.10.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB401     | PHY COL | 2015.10.08 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB402     | TUR PHI | 2015.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB403     | ERI RUB | 2015.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB404     | ERI RUB | 2015.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB405     | TUR MER | 2015.10.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB406     | TUR MER | 2015.10.13 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB408     | ERI RUB | 2015.10.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB409     | ERI RUB | 2015.10.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB410     | ERI RUB | 2015.10.18 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB411     | PHY COL | 2015.10.18 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB412     | PRU MOD | 2015.10.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB413     | ERI RUB | 2015.10.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB414     | ERI RUB | 2015.10.18 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB415     | ERI RUB | 2015.10.19 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB416     | ERI RUB | 2015.10.19 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB417     | TUR PHI | 2015.10.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB418     | ERI RUB | 2015.10.22 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB419     | TRO TRO | 2015.10.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB420     | ERI RUB | 2015.10.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB422     | TUR MER | 2015.10.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB423     | ERI RUB | 2015.10.24 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB425     | TUR MER | 2015.10.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB426     | TRO TRO | 2015.10.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB427     | ERI RUB | 2015.10.27 | 6                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB428     | ERI RUB | 2015.10.27 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB429     | ERI RUB | 2015.10.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB430     | TUR MER | 2015.10.28 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB431     | TUR MER | 2015.10.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB432     | PHY COL | 2015.10.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB433     | TUR MER | 2015.10.28 | 2                   | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB435     | TUR MER | 2015.10.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB436     | TUR MER | 2015.10.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB437     | TUR MER | 2015.10.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB438     | ERI RUB | 2015.10.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB440     | ERI RUB | 2015.10.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB441     | ERI RUB | 2015.10.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB442     | TUR MER | 2015.11.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB443     | TUR MER | 2015.11.21 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB445     | CAR CHL | 2015.12.12 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB446     | TUR MER | 2015.12.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB447     | TUR MER | 2016.02.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB448     | TUR MER | 2016.03.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB449     | TUR MER | 2016.03.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB450     | TUR PHI | 2016.03.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB451     | TUR MER | 2016.03.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB452     | TUR MER | 2016.03.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB453     | TUR PHI | 2016.03.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB454     | TUR MER | 2016.03.12 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB455     | TUR MER | 2016.03.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB456     | TUR MER | 2016.03.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB457     | TUR MER | 2016.03.12 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB458     | TUR MER | 2016.03.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB459     | TUR MER | 2016.03.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB460     | TUR MER | 2016.03.13 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB461     | TUR PHI | 2016.03.13 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB462     | TUR MER | 2016.03.14 |                     | 13                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB463     | TUR MER | 2016.03.15 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB464     | TUR MER | 2016.03.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB465     | TUR MER | 2016.03.16 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB466     | TUR PHI | 2016.03.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB467     | TUR MER | 2016.03.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB468     | TUR MER | 2016.03.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB469     | TUR PHI | 2016.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB470     | REG REG | 2016.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB471     | PRU MOD | 2016.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB472     | ERI RUB | 2016.03.17 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB473     | TUR MER | 2016.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB474     | ERI RUB | 2016.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB475     | PRU MOD | 2016.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB476     | PRU MOD | 2016.03.19 |                     | 2                   |                       |                       |                       | 1                  |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB477     | TUR MER | 2016.03.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB478     | TUR MER | 2016.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB479     | PHY COL | 2016.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB480     | ERI RUB | 2016.03.19 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB481     | ERI RUB | 2016.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB482     | PRU MOD | 2016.03.20 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB483     | ERI RUB | 2016.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB484     | PRU MOD | 2016.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB485     | TUR MER | 2016.03.20 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB486     | PRU MOD | 2016.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB487     | TUR MER | 2016.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB488     | PRU MOD | 2016.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB490     | ERI RUB | 2016.03.21 | 2                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB491     | ERI RUB | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB492     | PRU MOD | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB493     | ERI RUB | 2016.03.21 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB494     | TUR PHI | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB495     | PRU MOD | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB496     | TUR PHI | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB497     | PAR MAJ | 2016.03.21 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB498     | TUR MER | 2016.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB499     | TUR MER | 2016.03.22 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB500     | TUR MER | 2016.03.22 |                     | 11                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB501     | PRU MOD | 2016.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB502     | TUR MER | 2016.03.22 | 1                   | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB503     | ERI RUB | 2016.03.23 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB504     | TUR MER | 2016.03.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB505     | TUR PHI | 2016.03.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB506     | PRU MOD | 2016.03.23 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB507     | PRU MOD | 2016.03.23 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB508     | ERI RUB | 2016.03.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB509     | ERI RUB | 2016.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB510     | TUR MER | 2016.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB511     | ERI RUB | 2016.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB512     | TUR MER | 2016.03.25 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB513     | CAR CHL | 2016.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB514     | REM PEN | 2016.03.25 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB515     | TUR MER | 2016.03.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB516     | ERI RUB | 2016.03.27 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB517     | PRU MOD | 2016.03.27 |                     | 1                   |                       |                       | </                    |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB536     | PRU MOD | 2016.03.28 | 1                   | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB537     | PRU MOD | 2016.03.28 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB538     | ERI RUB | 2016.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB539     | PRU MOD | 2016.03.28 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB540     | ERI RUB | 2016.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB541     | ERI RUB | 2016.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB542     | PRU MOD | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB543     | TUR PHI | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB544     | TUR PHI | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB545     | PRU MOD | 2016.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB546     | PRU MOD | 2016.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB547     | PRU MOD | 2016.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB548     | PRU MOD | 2016.03.30 |                     | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB549     | PRU MOD | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB550     | ERI RUB | 2016.03.30 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB551     | TUR MER | 2016.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB552     | PRU MOD | 2016.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB553     | PRU MOD | 2016.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB554     | PRU MOD | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB555     | TUR MER | 2016.03.30 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB556     | PRU MOD | 2016.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB557     | CAR CHL | 2016.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB558     | PRU MOD | 2016.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB559     | ERI RUB | 2016.03.30 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB560     | PRU MOD | 2016.03.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB561     | PRU MOD | 2016.03.31 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB562     | PRU MOD | 2016.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB563     | PRU MOD | 2016.03.31 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB564     | ERI RUB | 2016.03.31 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB565     | ERI RUB | 2016.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB566     | PRU MOD | 2016.03.31 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB567     | PRU MOD | 2016.03.31 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB568     | PRU MOD | 2016.03.31 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB569     | TUR MER | 2016.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB570     | ERI RUB | 2016.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB571     | PRU MOD | 2016.04.02 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB572     | ERI RUB | 2016.04.02 | 5                   | 11                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB573     | SYL ATR | 2016.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB574     | ERI RUB | 2016.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB575     | ERI RUB | 2016.04.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB576     | TUR PHI | 2016.04.03 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB577     | ERI RUB | 2016.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB578     | PHY COL | 2016.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB579     | ERI RUB | 2016.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB580     | CAR CHL | 2016.04.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB581     | TUR PHI | 2016.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        | 1                     |                         |
| FB582     | TUR MER | 2016.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB583     | ERI RUB | 2016.04.07 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB584     | TUR MER | 2016.04.07 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB585     | ERI RUB | 2016.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB586     | ERI RUB | 2016.04.08 | 1                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB587     | GAR GLA | 2016.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB588     | ERI RUB | 2016.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB589     | TUR MER | 2016.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB590     | TUR PHI | 2016.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB591     | TUR MER | 2016.04.10 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB592     | TUR MER | 2016.04.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB593     | TUR MER | 2016.04.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB594     | ERI RUB | 2016.04.13 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB595     | TUR MER | 2016.04.13 | 4                   | 10                  |                       |                       |                       |                    |                    |                     |                     | 2                     | 3                     |                       |                        |                       |                         |
| FB596     | TUR MER | 2016.04.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB597     | TUR MER | 2016.04.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB598     | TUR MER | 2016.04.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB599     | ACR SCI | 2016.04.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB600     | ERI RUB | 2016.04.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB601     | ERI RUB | 2016.04.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB602     | TUR MER | 2016.04.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB603     | TUR MER | 2016.04.16 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB604     | ERI RUB | 2016.04.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB605     | TUR MER | 2016.04.23 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB606     | TUR MER | 2016.04.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB607     | ACR SCI | 2016.05.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB608     | TUR MER | 2016.05.07 |                     | 18                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB609     | TUR MER | 2016.05.09 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB610     | EMB CIT | 2016.05.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB611     | TUR MER | 2016.05.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB612     | TUR MER | 2016.05.14 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB613     | TUR MER | 2016.05.14 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB614     | EMB SCH | 2016.05.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB615     | TUR PHI | 2016.05.18 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB616     | TUR MER | 2016.05.18 |                     | 10                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB617     | TUR MER | 2016.05.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB618     | ERI RUB | 2016.05.21 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB619     | TUR PHI | 2016.05.21 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB620     | ACR SCH | 2016.05.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB621     | CAR CHL | 2016.05.25 | 1                   | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB622     | LOC LUS | 2016.05.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB623     | FRI COE | 2016.05.28 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB624     | TUR MER | 2016.05.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB625     | PHY COL | 2016.06.01 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB626     | PHY COL | 2016.06.01 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB627     | CER BRA | 2016.06.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB628     | TUR MER | 2016.06.02 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB629     | SYL ATR | 2016.06.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB630     | EMB SCH | 2016.06.03 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 5                     |                       |                        |                       |                         |
| FB631     | ACR SCI | 2016.06.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB632     | LOC LUS | 2016.06.03 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB633     | CAR CHL | 2016.06.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB634     | LOC LUS | 2016.06.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB635     | SYL ATR | 2016.06.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB637     | ERI RUB | 2016.06.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     |                       |                       |                        |                       |                         |
| FB638     | SYL ATR | 2016.06.08 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB639     | SYL ATR | 2016.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB640     | SYL ATR | 2016.06.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB641     | PAR MAJ | 2016.06.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB642     | SYL ATR | 2016.06.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB643     | SYL ATR | 2016.06.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB644     | FRI COE | 2016.06.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB646     | ACR SCI | 2016.06.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB647     | SYL ATR | 2016.06.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB648     | ERI RUB | 2016.06.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB649     | TUR PHI | 2016.06.14 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB650     | LUS MEG | 2016.06.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB651     | ERI RUB | 2016.06.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB652     | TUR PHI | 2016.06.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 5                     |                       |                        |                       |                         |
| FB653     | TUR PHI | 2016.06.25 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB717     | ERI RUB | 2016.07.27 | 5                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB718     | ACR SCI | 2016.07.27 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB719     | TUR PHI | 2016.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| FB720     | ACR SCI | 2016.07.27 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB721     | ACR MEL | 2016.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB722     | LOC LUS | 2016.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB723     | SYL CUR | 2016.07.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB724     | LOC LUS | 2016.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB725     | LOC LUS | 2016.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB726     | ACR SCI | 2016.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB727     | ACR RIS | 2016.07.29 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB728     | TUR MER | 2016.07.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB729     | SYL ATR | 2016.07.30 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB730     | TUR MER | 2016.07.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB731     | ACR SCI | 2016.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB732     | SYL ATR | 2016.07.30 | 8                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB733     | SYL BOR | 2016.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB734     | ACR ARU | 2016.07.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB735     | SYL ATR | 2016.07.31 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB736     | LUS MEG | 2016.08.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB737     | TUR PHI | 2016.08.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB738     | TUR PHI | 2016.08.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB739     | SYL ATR | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB740     | ACR RIS | 2016.08.02 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB741     | ACR RIS | 2016.08.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB742     | ACR RIS | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB743     | ACR RIS | 2016.08.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB744     | ACR RIS | 2016.08.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB745     | LOC LUS | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB746     | ACR ARU | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB747     | ACR ARU | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB748     | LOC LUS | 2016.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB749     | SYL ATR | 2016.08.03 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB750     | ACR SCI | 2016.08.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB751     | ACR SCI | 2016.08.04 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB752     | ACR RIS | 2016.08.04 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB753     | LUS MEG | 2016.08.04 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB754     | SYL ATR | 2016.08.04 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB755     | SYL ATR | 2016.08.04 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB756     | ACR ARU | 2016.08.04 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB757     | SYL COM | 2016.08.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB758     | LUS MEG | 2016.08.05 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| FB759     | ACR SCH | 2016.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB760     | ACR SCI | 2016.08.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB761     | LOC LUS | 2016.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB762     | SYL ATR | 2016.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB763     | SYL ATR | 2016.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB764     | ACR ARU | 2016.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB765     | ACR SCI | 2016.08.06 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB766     | SYL COM | 2016.08.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB767     | ACR RIS | 2016.08.07 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB768     | ACR ARU | 2016.08.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB769     | LOC LUS | 2016.08.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB770     | ACR RIS | 2016.08.07 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB771     | ACR RIS | 2016.08.07 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB773     | LOC LUS | 2016.08.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB775     | LOC LUS | 2016.08.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 8                     |                       |                        |                       |                         |
| FB776     | LOC LUS | 2016.08.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |

[illegible]

[illegible]

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB957     | ERI RUB | 2016.10.01 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB958     | PHY COL | 2016.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB959     | ERI RUB | 2016.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB960     | SYL ATR | 2016.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB961     | SYL ATR | 2016.10.01 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB962     | PRU MOD | 2016.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB963     | SYL ATR | 2016.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB964     | ERI RUB | 2016.10.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB965     | ERI RUB | 2016.10.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB966     | ERI RUB | 2016.10.01 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB967     | ERI RUB | 2016.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB968     | ERI RUB | 2016.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB969     | ERI RUB | 2016.10.01 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB970     | ERI RUB | 2016.10.01 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB971     | ERI RUB | 2016.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB972     | ERI RUB | 2016.10.01 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB973     | TRO TRO | 2016.10.02 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB974     | SYL ATR | 2016.10.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB975     | ERI RUB | 2016.10.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB976     | ERI RUB | 2016.10.05 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB977     | ERI RUB | 2016.10.05 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB978     | ERI RUB | 2016.10.05 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB979     | TUR PHI | 2016.10.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB980     | ERI RUB | 2016.10.07 | 5                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB981     | ERI RUB | 2016.10.07 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB982     | ERI RUB | 2016.10.07 | 9                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB983     | ERI RUB | 2016.10.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB984     | TUR MER | 2016.10.08 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB985     | TRO TRO | 2016.10.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB987     | ERI RUB | 2016.10.08 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB988     | TUR MER | 2016.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB989     | ERI RUB | 2016.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB991     | ERI RUB | 2016.10.09 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB992     | PAR CAE | 2016.10.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB994     | TUR MER | 2016.10.10 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB995     | FRI COE | 2016.10.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB996     | FRI COE | 2016.10.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB997     | ERI RUB | 2016.10.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB998     | ERI RUB | 2016.10.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB999     | ERI RUB | 2016.10.15 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1000    | ERI RUB | 2016.10.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1001    | ERI RUB | 2016.10.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1002    | PRU MOD | 2016.10.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1003    | PRU MOD | 2016.10.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1004    | ERI RUB | 2016.10.23 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1005    | ERI RUB | 2016.10.23 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1006    | ERI RUB | 2016.10.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1007    | ERI RUB | 2016.10.23 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1008    | PHY COL | 2016.10.27 |                     |                     | 1                     |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1009    | ERI RUB | 2016.10.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1010    | TUR MER | 2016.10.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1011    | TRO TRO | 2016.10.31 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1012    | SIT EUR | 2016.10.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1013    | PAR MAJ | 2016.10.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1014    | PYR PYR | 2016.11.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1015    | PAR MAJ | 2016.11.26 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1016    | PAR MAJ | 2016.12.03 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1017    | TUR MER | 2017.03.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB1018    | TUR MER | 2017.03.11 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1019    | ERI RUB | 2017.03.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1020    | FRI COE | 2017.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1021    | TUR MER | 2017.03.17 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1022    | TUR MER | 2017.03.17 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1023    | PRU MOD | 2017.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1024    | ERI RUB | 2017.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1025    | TUR MER | 2017.03.18 |                     | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1026    | PRU MOD | 2017.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1027    | ERI RUB | 2017.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1028    | FRI COE | 2017.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1029    | TUR MER | 2017.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1030    | TUR MER | 2017.03.21 |                     |                     |                       |                       |                       | 1                  | 1                  |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1031    | TUR MER | 2017.03.21 | 1                   | 1                   | 12                    | 3                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1032    | TUR MER | 2017.03.21 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1033    | TUR PHI | 2017.03.21 |                     | 2                   |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1034    | PRU MOD | 2017.03.21 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1035    | ERI RUB | 2017.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1036    | TUR MER | 2017.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1037    | CAR CHL | 2017.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1038    | ERI RUB | 2017.03.24 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1039    | TRO TRO | 2017.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1040    | ERI RUB | 2017.03.24 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1041    | TUR PHI | 2017.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1042    | PRU MOD | 2017.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1043    | TUR MER | 2017.03.24 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1044    | TUR MER | 2017.03.24 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1045    | ERI RUB | 2017.03.24 |                     |                     | 26                    | 5                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1046    | ERI RUB | 2017.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1047    | ERI RUB | 2017.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1048    | ERI RUB | 2017.03.25 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1049    | SYL ATR | 2017.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1050    | TUR PHI | 2017.03.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1051    | TUR PHI | 2017.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1052    | TUR MER | 2017.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1053    | TUR MER | 2017.03.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1055    | PRU MOD | 2017.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1056    | TUR PHI | 2017.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1057    | TUR MER | 2017.03.30 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1058    | TUR PHI | 2017.03.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1059    | ERI RUB | 2017.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1060    | AEG CAU | 2017.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1061    | ERI RUB | 2017.04.02 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1062    | PHY COL | 2017.04.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1063    | ERI RUB | 2017.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1064    | TUR PHI | 2017.04.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1065    | ERI RUB | 2017.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1066    | ERI RUB | 2017.04.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1067    | ERI RUB | 2017.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1068    | TUR MER | 2017.04.09 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1069    | TUR PHI | 2017.04.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1070    | PAR MAJ | 2017.03.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1071    | TUR MER | 2017.04.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1072    | TUR PHI | 2017.04.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1073    | FIC HYP | 2017.04.23 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1074    | TRO TRO | 2017.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1075    | TUR MER | 2017.04.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1076    | TUR MER | 2017.04.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB1077    | TUR MER | 2017.05.02 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1078    | PAR MAJ | 2017.05.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1079    | FRI COE | 2017.05.10 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1080    | TUR MER | 2017.05.11 | 1                   | 15                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1081    | TUR MER | 2017.05.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1082    | PAR MAJ | 2017.05.25 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1083    | SYL ATR | 2017.05.25 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1085    | TUR MER | 2017.05.26 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1087    | SYL ATR | 2017.05.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1088    | SYL ATR | 2017.05.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1089    | TUR MER | 2017.06.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB1090    | CAR CHL | 2017.06.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1091    | TUR MER | 2017.06.07 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1093    | TUR MER | 2017.06.07 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1095    | SYL ATR | 2017.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1096    | TUR MER | 2017.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1097    | LUS MEG | 2017.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1098    | SYL ATR | 2017.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1099    | TUR PHI | 2017.06.08 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1100    | ACR SCI | 2017.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1101    | TUR PHI | 2017.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1102    | TUR PHI | 2017.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1103    | RIP RIP | 2017.06.19 |                     |                     |                       |                       |                       |                    |                    |                     | 7                   |                       |                       |                       |                        |                       |                         |
| FB1104    | RIP RIP | 2017.06.19 |                     |                     |                       |                       |                       |                    |                    |                     | 2                   |                       |                       |                       |                        |                       |                         |
| FB1105    | LOC LUS | 2017.06.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 6                     |                       |                        |                       |                         |
| FB1106    | ACR SCI | 2017.06.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1107    | TUR MER | 2017.06.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| FB1108    | TUR MER | 2017.06.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1109    | ACR SCI | 2017.07.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1110    | ERI RUB | 2017.07.04 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1119    | ACR SCH | 2017.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1120    | LOC LUS | 2017.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1122    | TUR MER | 2017.07.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1124    | LOC LUS | 2017.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1126    | ERI RUB | 2017.07.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1127    | TUR MER | 2017.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1128    | LOC FLU | 2017.07.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1129    | SYL ATR | 2017.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1130    | LUS MEG | 2017.07.10 | 9                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1131    | ACR SCI | 2017.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1133    | ACR SCI | 2017.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1135    | TUR MER | 2017.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1137    | ERI RUB | 2017.07.10 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1138    | LOC LUS | 2017.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1139    | ACR SCH | 2017.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1140    | TUR MER | 2017.07.11 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| FB1141    | TUR PHI | 2017.07.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 6                     |                       |                        |                       |                         |
| FB1142    | LUS MEG | 2017.07.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1143    | ACR SCI | 2017.07.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1144    | ACR RIS | 2017.07.12 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB1145    | ACR RIS | 2017.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 5                     | 1                     |                       |                        |                       |                         |
| FB1146    | ACR SCH | 2017.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 8                     | 3                     |                       |                        |                       |                         |
| FB1147    | HIP ICT | 2017.07.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1148    | LOC LUS | 2017.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| FB1149    | LOC FLU | 2017.07.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1152    | LOC LUS | 2017.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 4                     |                       |                        |                       |                         |
| FB1153    | TUR MER | 2017.07.14 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1154    | ACR SCH | 2017.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | I. ricinus L | I. ricinus N | I. frontalis L | I. frontalis N | I. frontalis F | I. festai F | I. festai M | I. lividus N | I. lividus F | Ha. concinna L | Ha. concinna N | Ha. punctata L | I. arboricola N | Hyalomma sp. N | D. reticulatus F |
|-----------|---------|------------|--------------|--------------|----------------|----------------|----------------|-------------|-------------|--------------|--------------|----------------|----------------|----------------|-----------------|----------------|------------------|
| FB1155    | LOC LUS | 2017.07.14 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1156    | TUR MER | 2017.07.14 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1157    | LUS MEG | 2017.07.15 |              |              |                |                |                |             |             |              |              |                | 2              |                |                 |                |                  |
| FB1158    | PHY COL | 2017.07.15 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1159    | ACR SCI | 2017.07.15 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1160    | TUR MER | 2017.07.15 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1162    | LOC LUS | 2017.07.17 |              |              |                |                |                |             |             |              |              |                | 3              |                |                 |                |                  |
| FB1163    | ACR SCI | 2017.07.17 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1164    | TUR MER | 2017.07.17 |              |              |                |                |                |             |             |              |              | 2              | 3              |                |                 |                |                  |
| FB1165    | LUS MEG | 2017.07.17 | 1            | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1166    | TUR MER | 2017.07.17 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1167    | LUS MEG | 2017.07.18 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1168    | LOC LUS | 2017.07.19 |              |              |                |                |                |             |             |              |              | 17             |                |                |                 |                |                  |
| FB1169    | ACR RIS | 2017.07.20 |              | 1            |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1172    | LOC LUS | 2017.07.21 |              |              |                |                |                |             |             |              |              |                | 2              |                |                 |                |                  |
| FB1173    | PHY TRO | 2017.07.21 | 1            |              |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1177    | LUS MEG | 2017.07.22 |              |              |                |                |                |             |             |              |              |                | 2              |                |                 |                |                  |
| FB1178    | ACR RIS | 2017.07.22 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1179    | ACR SCI | 2017.07.22 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1180    | LOC LUS | 2017.07.23 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1181    | ACR RIS | 2017.07.23 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1182    | ACR RIS | 2017.07.23 |              |              |                |                |                |             |             |              |              |                | 1              |                |                 |                |                  |
| FB1183    | ACR SCI | 2017.07.24 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1184    | ACR RIS | 2017.07.24 |              |              |                |                |                |             |             |              |              |                | 2              |                |                 |                |                  |
| FB1185    | LOC LUS | 2017.07.24 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1186    | PHY COL | 2017.07.26 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1188    | ACR SCI | 2017.07.27 |              | 2            |                |                |                |             |             |              |              | 1              |                |                |                 |                |                  |
| FB1189    | LAN COL | 2017.07.27 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1190    | ACR ARU | 2017.07.28 | 1            |              |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1191    | ACR SCI | 2017.07.28 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1192    | ACR ARU | 2017.07.28 | 1            |              |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1193    | ACR SCH | 2017.07.28 |              |              |                |                |                |             |             |              |              | 1              | 4              |                |                 |                |                  |
| FB1194    | LUS MEG | 2017.07.29 | 1            | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1195    | ACR RIS | 2017.07.29 |              | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1196    | ACR RIS | 2017.07.29 | 3            | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1197    | LUS MEG | 2017.07.29 | 2            |              |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1198    | LOC LUS | 2017.07.29 |              |              |                |                |                |             |             |              |              |                | 2              |                |                 |                |                  |
| FB1199    | ACR RIS | 2017.07.29 | 1            | 1            |                |                |                |             |             |              |              |                |                |                |                 |                |                  |
| FB1201    | ACR ARU | 2017.07.30 |              |              |                |                |                |             |             |              |              | 1              | 1              |                |                 |                |                  |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB1223    | LOC LUS | 2017.08.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| FB1224    | SYL COM | 2017.08.09 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1225    | LUS LUS | 2017.08.09 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1226    | TUR MER | 2017.08.09 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 1                     |                       |                        |                       |                         |
| FB1228    | ACR SCI | 2017.08.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1229    | ACR SCI | 2017.08.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1230    | STU VUL | 2017.08.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1231    | ACR RIS | 2017.08.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 3                     |                       |                       |                        |                       |                         |
| FB1233    | PHY COL | 2017.08.16 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1234    | SYL COM | 2017.08.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1235    | ACR RIS | 2017.08.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1236    | TUR MER | 2017.08.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1237    | LUS MEG | 2017.08.19 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 3                     |                       |                       |                        |                       |                         |
| FB1238    | LOC LUS | 2017.08.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 1                     |                       |                        |                       |                         |
| FB1239    | ACR RIS | 2017.08.21 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1240    | LOC LUS | 2017.08.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 15                    | 1                     |                       |                        |                       |                         |
| FB1241    | ACR RIS | 2017.08.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1242    | ACR RIS | 2017.08.21 | 5                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1244    | ACR RIS | 2017.08.22 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1245    | ACR SCH | 2017.08.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1246    | TUR MER | 2017.08.22 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1247    | TRO TRO | 2017.08.23 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1248    | ACR RIS | 2017.08.24 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1249    | ACR SCI | 2017.08.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1250    | SYL BOR | 2017.08.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1251    | ACR RIS | 2017.08.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| FB1253    | SYL ATR | 2017.08.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1254    | ACR SCI | 2017.08.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1255    | ACR SCH | 2017.08.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1256    | ACR SCI | 2017.08.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1257    | LOC FLU | 2017.08.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1258    | LOC LUS | 2017.08.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 5                     | 2                     |                       |                        |                       |                         |
| FB1259    | LUS LUS | 2017.08.31 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1260    | SYL ATR | 2017.08.31 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1261    | LUS MEG | 2017.08.31 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1262    | ERI RUB | 2017.08.31 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1263    | ERI RUB | 2017.09.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1264    | LOC LUS | 2017.09.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| FB1267    | SYL ATR | 2017.09.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB1293    | SYL ATR | 2017.09.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1294    | SYL ATR | 2017.09.30 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1295    | ERI RUB | 2017.09.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1296    | ERI RUB | 2017.09.30 | 3                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1297    | ERI RUB | 2017.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1298    | PHY COL | 2017.10.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1299    | ERI RUB | 2017.10.02 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1300    | PAR MAJ | 2017.10.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1301    | ERI RUB | 2017.10.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1302    | ERI RUB | 2017.10.07 | 6                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1303    | ERI RUB | 2017.10.07 | 4                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1304    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1305    | ERI RUB | 2017.10.07 | 3                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1307    | ERI RUB | 2017.10.07 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1308    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1309    | ERI RUB | 2017.10.07 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1310    | SYL ATR | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1311    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1312    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1313    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1314    | ERI RUB | 2017.10.07 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1315    | ERI RUB | 2017.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1316    | ERI RUB | 2017.10.07 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1317    | ERI RUB | 2017.10.07 | 3                   | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1318    | TRO TRO | 2017.10.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1319    | ERI RUB | 2017.10.14 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1320    | TRO TRO | 2017.10.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1321    | TRO TRO | 2017.10.14 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1323    | ERI RUB | 2017.10.15 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1324    | PAR MAJ | 2017.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1325    | ERI RUB | 2017.10.17 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1326    | PAR MAJ | 2017.10.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1327    | TUR PHI | 2017.10.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1329    | TRO TRO | 2017.10.19 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1330    | ERI RUB | 2017.10.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1331    | TUR PHI | 2017.10.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1332    | TUR MER | 2017.10.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1333    | TUR PHI | 2017.10.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1334    | ERI RUB | 2017.10.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1335    | PAR MAJ | 2017.11.05 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1336    | FRI MON | 2017.11.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1337    | TUR MER | 2017.11.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1338    | TRO TRO | 2017.10.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1339    | PRU MOD | 2017.10.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1340    | PYR PYR | 2017.10.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1341    | PAR CAE | 2018.01.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1342    | ERI RUB | 2018.03.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1343    | COC COC | 2018.03.14 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1344    | TUR MER | 2018.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1345    | TUR MER | 2018.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1346    | PRU MOD | 2018.03.15 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1347    | TUR PHI | 2018.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1348    | PAR MAJ | 2018.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1349    | TUR MER | 2018.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1350    | PAR MAJ | 2018.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       | 1                      |                       |                         |
| FB1351    | FRI MON | 2018.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1352    | TUR MER | 2018.03.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1353    | TUR MER | 2018.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| FB1354    | PHY COL | 2018.03.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1355    | PAR MAJ | 2018.03.26 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1356    | PHY COL | 2018.03.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1357    | PAR MAJ | 2018.03.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1359    | ERI RUB | 2018.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1360    | TUR PHI | 2018.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1361    | ERI RUB | 2018.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1362    | ERI RUB | 2018.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1363    | TUR MER | 2018.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1364    | ERI RUB | 2018.03.28 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1365    | TUR MER | 2018.03.29 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1366    | TRO TRO | 2018.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1367    | ERI RUB | 2018.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1368    | PAR MAJ | 2018.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| FB1369    | PAR MAJ | 2018.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS001     | TUR PHI | 2018.03.31 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS002     | ERI RUB | 2018.03.31 |                     |                     |                       | 2                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS003     | TUR MER | 2018.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS004     | PAR MAJ | 2018.03.31 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS005     | TUR MER | 2018.04.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS006     | ERI RUB | 2018.04.02 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS007     | ERI RUB | 2018.04.02 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS008     | ERI RUB | 2018.04.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS009     | PAR MAJ | 2018.04.03 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS010     | ERI RUB | 2018.04.03 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS011     | ERI RUB | 2018.04.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS012     | TUR PHI | 2018.04.03 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS013     | FRI COE | 2018.04.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS014     | TUR MER | 2018.04.04 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS015     | SYL ATR | 2018.04.04 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS016     | CAR CHL | 2018.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS017     | ERI RUB | 2018.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS018     | PAR CAE | 2018.04.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS019     | SYL CUR | 2018.04.05 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS020     | TUR MER | 2018.04.05 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS021     | TUR PHI | 2018.04.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS022     | PAR MAJ | 2018.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS023     | ERI RUB | 2018.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS024     | TUR MER | 2018.04.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS025     | TUR MER | 2018.04.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS026     | ERI RUB | 2018.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS027     | FRI COE | 2018.04.07 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS028     | CAR CHL | 2018.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS029     | TUR MER | 2018.04.07 |                     | 11                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS030     | ERI RUB | 2018.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS031     | PAR MAJ | 2018.04.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS032     | TUR PHI | 2018.04.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS033     | SYL ATR | 2018.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS034     | FRI COE | 2018.04.09 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS035     | LUS MEG | 2018.04.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS036     | SYL ATR | 2018.04.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS037     | TUR PHI | 2018.04.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS038     | TUR MER | 2018.04.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS039     | SYL ATR | 2018.04.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS040     | TUR MER | 2018.04.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS041     | TUR MER | 2018.04.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS042     | PAS MON | 2018.04.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS043     | CAR CHL | 2018.04.17 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS044     | CAR CHL | 2018.04.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS045     | PHY COL | 2018.04.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS046     | TUR MER | 2018.04.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS047     | LUS MEG | 2018.04.26 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS048     | TUR MER | 2018.05.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS049     | LUS MEG | 2018.05.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS050     | TUR MER | 2018.05.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS051     | TUR MER | 2018.05.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS052     | SYL ATR | 2018.05.17 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS053     | TUR PHI | 2018.05.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS054     | LUS MEG | 2018.05.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS055     | CAR CHL | 2018.05.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS057     | TUR PHI | 2018.05.29 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS058     | SIT EUR | 2018.05.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS059     | PAR MAJ | 2018.05.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS060     | ACR RIS | 2018.06.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS061     | TUR MER | 2018.06.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS062     | SYL ATR | 2018.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS063     | PAR MAJ | 2018.06.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS067     | SYL ATR | 2018.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS068     | PHY COL | 2018.06.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS070     | LOC LUS | 2018.06.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 1                     |                       |                        |                       |                         |
| HS071     | CER BRA | 2018.06.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS072     | LOC LUS | 2018.06.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS073     | TRO TRO | 2018.06.30 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS074     | LOC LUS | 2018.06.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 2                     | 1                     |                       |                        |                       |                         |
| HS078     | ACR SCH | 2018.06.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS079     | ACR SCI | 2018.06.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS086     | PAR MAJ | 2018.07.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS088     | ACR SCI | 2018.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| HS089     | ACR RIS | 2018.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS090     | ACR SCI | 2018.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS091     | ACR SCI | 2018.07.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS092     | ACR SCI | 2018.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS094     | ERI RUB | 2018.07.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS095     | LAN COL | 2018.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS096     | LUS MEG | 2018.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS097     | TUR PHI | 2018.07.10 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS098     | ERI RUB | 2018.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS099     | ERI RUB | 2018.07.10 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS100     | ERI RUB | 2018.07.10 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS102     | ACR SCI | 2018.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS103     | ACR RIS | 2018.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS104     | TUR PHI | 2018.07.10 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS106     | TUR PHI | 2018.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| HS107     | TUR MER | 2018.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS108     | TUR PHI | 2018.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS110     | ACR SCI | 2018.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS111     | LUS MEG | 2018.07.12 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS112     | TRO TRO | 2018.07.12 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS113     | PAR MAJ | 2018.07.12 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS114     | LOC LUS | 2018.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| HS115     | LOC LUS | 2018.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS118     | TUR PHI | 2018.07.14 | 14                  |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS119     | ACR RIS | 2018.07.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| HS120     | SYL ATR | 2018.07.15 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS122     | LOC LUS | 2018.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS123     | ACR SCH | 2018.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS124     | LOC LUS | 2018.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS125     | LOC LUS | 2018.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS126     | LOC LUS | 2018.07.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS129     | ACR RIS | 2018.07.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS130     | ACR SCH | 2018.07.19 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS131     | TUR PHI | 2018.07.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS132     | ACR SCI | 2018.07.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS134     | LOC LUS | 2018.07.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS135     | TUR MER | 2018.07.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS136     | ACR RIS | 2018.07.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS137     | PAR MAJ | 2018.07.21 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS138     | LUS MEG | 2018.07.21 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS139     | TUR MER | 2018.07.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS140     | LOC LUS | 2018.07.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 8                     |                       |                        |                       |                         |
| HS141     | LUS MEG | 2018.07.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS142     | LOC LUS | 2018.07.22 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS143     | ACR SCI | 2018.07.22 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS144     | ACR SCI | 2018.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS145     | LUS MEG | 2018.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS146     | LOC LUS | 2018.07.25 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS147     | LUS MEG | 2018.07.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS148     | TUR MER | 2018.07.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS150     | ERI RUB | 2018.07.26 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS151     | ACR SCI | 2018.07.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS152     | LUS MEG | 2018.07.26 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS153     | LUS MEG | 2018.07.26 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS154     | LUS MEG | 2018.07.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS155     | ACR SCI | 2018.07.26 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS156     | LOC LUS | 2018.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS157     | ACR SCI | 2018.07.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS158     | LOC LUS | 2018.07.27 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS159     | LOC LUS | 2018.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS160     | LOC LUS | 2018.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS162     | LOC LUS | 2018.07.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 8                     | 9                     |                       |                        |                       |                         |
| HS163     | LOC LUS | 2018.07.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS164     | LOC LUS | 2018.07.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS165     | LOC LUS | 2018.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS166     | LOC LUS | 2018.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS167     | LOC LUS | 2018.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS168     | EMB SCH | 2018.07.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS169     | LUS MEG | 2018.07.31 | 6                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS170     | LOC LUS | 2018.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS171     | ACR SCH | 2018.07.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS172     | ACR RIS | 2018.08.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS173     | LOC LUS | 2018.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS174     | LUS LUS | 2018.08.01 | 4                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS175     | LUS MEG | 2018.08.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS176     | ACR SCI | 2018.08.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS177     | ACR SCH | 2018.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS178     | LOC LUS | 2018.08.03 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 4                     | 3                     |                       |                        |                       |                         |
| HS179     | TUR PHI | 2018.08.04 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| HS180     | ACR ARU | 2018.08.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS181     | SYL COM | 2018.08.05 | 5                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS182     | LOC LUS | 2018.08.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS184     | PAR MAJ | 2018.08.06 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS185     | LOC LUS | 2018.08.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS186     | LOC LUS | 2018.08.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS187     | ACR RIS | 2018.08.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS250     | LOC LUS | 2018.08.25 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 3                     |                       |                        |                       |                         |
| HS251     | PHY TRO | 2018.08.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS252     | SYL ATR | 2018.08.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS253     | ACR SCI | 2018.08.28 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| HS254     | ERI RUB | 2018.08.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS255     | SYL ATR | 2018.08.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS257     | LOC LUS | 2018.08.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS259     | SYL ATR | 2018.08.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS260     | ERI RUB | 2018.09.01 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS261     | SYL ATR | 2018.09.05 | 5                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS262     | SYL COM | 2018.09.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS263     | SYL ATR | 2018.09.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS264     | SYL ATR | 2018.09.09 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS265     | ACR ARU | 2018.09.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS267     | SYL ATR | 2018.09.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS268     | ANT TRI | 2018.09.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS269     | PHY TRO | 2018.09.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS270     | SYL ATR | 2018.09.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS271     | SYL ATR | 2018.09.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS272     | SYL BOR | 2018.09.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS273     | ERI RUB | 2018.09.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS275     | TUR PHI | 2018.09.29 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS276     | ERI RUB | 2018.09.29 | 7                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS277     | ERI RUB | 2018.09.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS278     | TUR MER | 2018.09.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS279     | TUR MER | 2018.09.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS280     | ERI RUB | 2018.09.30 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS281     | TUR PHI | 2018.10.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS282     | ERI RUB | 2018.10.02 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS283     | ERI RUB | 2018.10.03 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS284     | SYL ATR | 2018.10.03 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS285     | ERI RUB | 2018.10.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS286     | ERI RUB | 2018.10.06 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS287     | TUR MER | 2018.10.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS289     | PAR MAJ | 2018.10.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS290     | TUR PHI | 2018.10.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS291     | TRO TRO | 2018.10.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS292     | ERI RUB | 2018.10.17 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS293     | TRO TRO | 2018.10.19 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS294     | TUR MER | 2018.10.20 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS313     | ERI RUB | 2019.03.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS314     | PRU MOD | 2019.03.13 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS315     | FRI COE | 2019.03.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS316     | ERI RUB | 2019.03.15 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS317     | TUR MER | 2019.03.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS318     | TUR MER | 2019.03.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS319     | FRI COE | 2019.03.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS320     | TUR MER | 2019.03.17 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS321     | ERI RUB | 2019.03.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS322     | TUR MER | 2019.03.21 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS323     | TUR MER | 2019.03.23 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS324     | TUR MER | 2019.03.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS325     | FRI COE | 2019.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS326     | ERI RUB | 2019.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS327     | ERI RUB | 2019.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS328     | TUR MER | 2019.03.25 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS329     | ERI RUB | 2019.03.25 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS330     | ERI RUB | 2019.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS331     | TUR PHI | 2019.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS332     | PAR MAJ | 2019.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS333     | TUR MER | 2019.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS334     | TUR MER | 2019.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS335     | ERI RUB | 2019.03.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS336     | ERI RUB | 2019.03.28 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS337     | TUR TOR | 2019.03.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS338     | TUR MER | 2019.03.29 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS339     | ERI RUB | 2019.03.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS340     | TUR MER | 2019.03.30 |                     | 15                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS341     | ERI RUB | 2019.03.30 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS343     | ERI RUB | 2019.04.01 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS344     | TUR MER | 2019.04.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS345     | TUR PHI | 2019.04.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS346     | LUS MEG | 2019.04.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS347     | ERI RUB | 2019.04.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS348     | ERI RUB | 2019.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS349     | ERI RUB | 2019.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS350     | LUS MEG | 2019.04.11 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS351     | PAR MAJ | 2019.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS352     | SYL CUR | 2019.04.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS353     | ERI RUB | 2019.04.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS354     | TUR MER | 2019.04.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS355     | ERI RUB | 2019.04.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS356     | SYL ATR | 2019.04.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS357     | TUR MER | 2019.04.21 |                     | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS358     | TUR MER | 2019.04.21 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS359     | TUR MER | 2019.04.21 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS360     | PHY COL | 2019.04.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS361     | LUS MEG | 2019.05.02 | 2                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS362     | LUS MEG | 2019.05.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS364     | ACR SCI | 2019.05.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS365     | PAS MON | 2019.05.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS366     | SYL ATR | 2019.05.29 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS367     | TUR MER | 2019.05.31 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS368     | ACR MEL | 2019.05.31 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS369     | TUR MER | 2019.06.05 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS370     | LAN COL | 2019.06.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS371     | TUR PHI | 2019.06.14 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS372     | TUR MER | 2019.06.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| HS373     | ERI RUB | 2019.06.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS374     | PHY COL | 2019.06.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS375     | ACR SCI | 2019.06.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS376     | ACR SCI | 2019.06.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS377     | ACR SCI | 2019.06.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS378     | LOC LUS | 2019.06.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS379     | LOC LUS | 2019.06.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS380     | LOC LUS | 2019.06.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| HS381     | LOC LUS | 2019.06.29 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 7                     |                       |                        |                       |                         |
| HS382     | LOC LUS | 2019.06.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS383     | TUR PHI | 2019.06.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS384     | ACR SCH | 2019.06.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS385     | SYL ATR | 2019.06.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS386     | TUR PHI | 2019.06.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS387     | ACR SCI | 2019.07.06 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS388     | PAR MAJ | 2019.07.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS389     | SYL CUR | 2019.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS390     | LOC LUS | 2019.07.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS391     | TUR PHI | 2019.07.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS392     | ACR RIS | 2019.07.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS393     | ACR SCI | 2019.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS394     | ACR SCI | 2019.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS396     | LUS MEG | 2019.07.10 | 3                   | 5                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS401     | ACR SCI | 2019.07.11 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     | 2                     | 3                     |                       |                        |                       |                         |
| HS405     | LOC LUS | 2019.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS406     | TUR PHI | 2019.07.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS409     | ACR SCI | 2019.07.14 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS413     | ACR SCH | 2019.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS414     | TUR PHI | 2019.07.15 | 4                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS416     | LOC LUS | 2019.07.15 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS417     | LOC LUS | 2019.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS418     | LOC LUS | 2019.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 7                     |                       |                        |                       |                         |
| HS419     | ACR SCI | 2019.07.17 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS420     | ACR SCI | 2019.07.18 | 5                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS421     | LOC LUS | 2019.07.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS422     | PAR MAJ | 2019.07.18 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS423     | ACR SCI | 2019.07.18 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS424     | ACR RIS | 2019.07.21 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS425     | ACR RIS | 2019.07.21 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS426     | ACR SCI | 2019.07.21 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 4                     |                       |                        |                       |                         |
| HS427     | LOC LUS | 2019.07.22 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS428     | LOC LUS | 2019.07.22 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS429     | LOC LUS | 2019.07.22 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS430     | ACR RIS | 2019.07.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS431     | ERI RUB | 2019.07.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS432     | LOC LUS | 2019.07.23 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 7                     |                       |                        |                       |                         |
| HS435     | TUR PHI | 2019.07.24 | 3                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS436     | LOC LUS | 2019.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| HS437     | ACR SCI | 2019.07.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| HS438     | ACR SCI | 2019.07.23 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS439     | ACR SCI | 2019.07.24 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS440     | TUR PHI | 2019.07.24 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS442     | LUS MEG | 2019.07.25 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| HS443     | ACR SCI | 2019.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS444     | TUR PHI | 2019.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| HS445     | LOC LUS | 2019.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 8                     | 2                     |                       |                        |                       |                         |
| HS446     | ACR SCI | 2019.07.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| HS447     | ACR SCI | 2019.08.02 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| SH042     | PAR MAJ | 2020.03.09 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH050     | ERI RUB | 2020.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH043     | ERI RUB | 2020.03.17 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH044     | TUR MER | 2020.04.11 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH045     | TUR MER | 2020.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH046     | ACR SCI | 2020.05.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH047     | LUS MEG | 2020.05.02 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH048     | LAN COL | 2020.05.09 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH049     | LUS MEG | 2020.05.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH051     | TUR MER | 2020.05.23 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH052     | TUR PHI | 2020.05.23 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH053     | TUR MER | 2020.05.23 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH054     | LUS MEG | 2020.05.26 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH055     | LUS MEG | 2020.05.26 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH056     | LUS MEG | 2020.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH057     | TUR PHI | 2020.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH058     | ACR SCI | 2020.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH059     | TUR MER | 2020.05.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH060     | TUR PHI | 2020.05.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH061     | TUR MER | 2020.05.30 |                     | 7                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH062     | TUR PHI | 2020.05.30 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH063     | LUS MEG | 2020.05.30 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH064     | TUR PHI | 2020.05.30 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH065     | TUR PHI | 2020.05.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH067     | LOC LUS | 2020.05.30 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH071     | SYL ATR | 2020.06.06 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH072     | PAR MAJ | 2020.06.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH073     | SYL ATR | 2020.06.06 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH074     | ACR SCH | 2020.06.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH075     | TUR MER | 2020.06.06 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH078     | TUR PHI | 2020.06.06 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH079     | SYL ATR | 2020.06.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH080     | PAR MAJ | 2020.06.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH081     | TUR PHI | 2020.06.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH082     | TUR PHI | 2020.06.06 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH084     | TUR PHI | 2020.06.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH085     | TUR MER | 2020.06.27 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH086     | LUS MEG | 2020.06.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH087     | LOC LUS | 2020.06.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| SH088     | LOC LUS | 2020.06.28 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH091     | LOC LUS | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH093     | ACR SCH | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| SH094     | LOC LUS | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH095     | TUR PHI | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH096     | TUR MER | 2020.07.10 | 2                   | 3                   |                       |                       |                       |                    |                    |                     |                     | 13                    | 1                     |                       |                        |                       |                         |
| SH097     | TUR PHI | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 6                     |                       |                        |                       |                         |
| SH098     | TUR MER | 2020.07.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH099     | SYL ATR | 2020.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH101     | LOC LUS | 2020.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH102     | ERI RUB | 2020.07.10 | 5                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH103     | ERI RUB | 2020.07.10 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH104     | LOC LUS | 2020.07.10 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH105     | TUR MER | 2020.07.10 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH106     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| SH107     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 9                     | 1                     |                       |                        |                       |                         |
| SH108     | ACR SCH | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH109     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH110     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| SH111     | EMB SCH | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 7                     |                       |                        |                       |                         |
| SH112     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH113     | SYL ATR | 2020.07.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH114     | TUR PHI | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| SH115     | TUR PHI | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH116     | ACR SCI | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH117     | LOC LUS | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH118     | ACR SCH | 2020.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH119     | ACR SCI | 2020.07.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH121     | LOC LUS | 2020.07.12 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 3                     | 1                     |                       |                        |                       |                         |
| SH122     | TUR PHI | 2020.07.16 | 9                   | 7                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH123     | ACR SCI | 2020.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 8                     | 1                     |                       |                        |                       |                         |
| SH124     | ACR SCI | 2020.07.16 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH125     | ACR SCI | 2020.07.16 | 6                   | 2                   |                       |                       |                       |                    |                    |                     |                     | 4                     |                       |                       |                        |                       |                         |
| SH126     | LOC LUS | 2020.07.17 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 7                     |                       |                        |                       |                         |
| SH127     | TUR MER | 2020.07.17 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH128     | ACR SCI | 2020.07.17 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH143     | ACR RIS | 2020.07.26 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH144     | ACR SCI | 2020.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH145     | ACR SCI | 2020.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH146     | ACR SCH | 2020.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH147     | TUR PHI | 2020.07.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH148     | ACR SCI | 2020.07.26 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH149     | LUS MEG | 2020.07.27 | 5                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH152     | LOC LUS | 2020.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH153     | LOC LUS | 2020.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH154     | LUS MEG | 2020.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH155     | PHY COL | 2020.08.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH156     | LOC LUS | 2020.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| SH157     | LOC LUS | 2020.08.01 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| SH158     | ACR ARU | 2020.08.08 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH159     | LUS LUS | 2020.08.08 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH160     | SYL ATR | 2020.08.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH161     | TUR MER | 2020.08.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH162     | ACR SCI | 2020.08.08 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH163     | ACR RIS | 2020.08.08 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH164     | TUR MER | 2020.07.30 | 6                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH166     | LUS MEG | 2020.08.09 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH167     | LUS MEG | 2020.08.09 | 7                   |                     |                       |                       |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| SH16      |         |            |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| SH186     | SYL ATR | 2020.09.04 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH187     | SYL ATR | 2020.09.04 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH188     | TUR PHI | 2020.09.05 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH189     | LUS MEG | 2020.09.05 | 3                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH191     | LOC LUS | 2020.09.05 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 7                     |                       |                       |                        |                       |                         |
| SH194     | TUR MER | 2020.09.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH195     | SYL ATR | 2020.09.05 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH196     | SYL ATR | 2020.09.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH197     | SYL ATR | 2020.09.06 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| SH198     | SYL ATR | 2020.09.11 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC01      | ACR RIS | 2020.09.12 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC02      | SYL ATR | 2020.09.12 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC03      | LUS MEG | 2020.09.12 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     | 3                     |                       |                       |                        |                       |                         |
| OC04      | ERI RUB | 2020.09.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC05      | PAR CAE | 2020.09.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC06      | SYL ATR | 2020.09.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC07      | ERI RUB | 2020.09.12 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC08      | SYL ATR | 2020.09.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC09      | SYL BOR | 2020.09.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC10      | ANT TRI | 2020.09.13 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC12      | ERI RUB | 2020.09.20 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC13      | ERI RUB | 2020.09.23 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC14      | ERI RUB | 2020.09.25 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC15      | ERI RUB | 2020.09.25 | 4                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC16      | ERI RUB | 2020.09.27 | 2                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC17      | ERI RUB | 2020.09.27 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC18      | ERI RUB | 2020.09.27 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC19      | ERI RUB | 2020.09.27 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC20      | ERI RUB | 2020.09.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC21      | SYL ATR | 2020.10.02 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC22      | ERI RUB | 2020.10.04 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC24      | SYL ATR | 2020.10.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC25      | TUR MER | 2020.10.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC26      | TUR MER | 2020.10.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC27      | ERI RUB | 2020.10.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC28      | PHY COL | 2020.10.14 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC29      | ERI RUB | 2020.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC30      | ERI RUB | 2020.10.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC31      | ERI RUB | 2020.10.18 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC32      | FRI COE | 2020.10.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC33      | ERI RUB | 2020.10.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC35      | TUR MER | 2020.11.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC36      | TRO TRO | 2020.11.07 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC37      | ERI RUB | 2021.03.13 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC38      | TUR PHI | 2021.03.15 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC39      | TUR MER | 2021.03.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC40      | TUR PHI | 2021.03.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC41      | TUR MER | 2021.03.15 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC42      | TUR MER | 2021.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC43      | TUR PHI | 2021.03.20 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC44      | TUR PHI | 2021.03.20 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC45      | ERI RUB | 2021.03.29 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC46      | ERI RUB | 2021.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC47      | ERI RUB | 2021.03.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC48      | PRU MOD | 2021.03.31 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC49      | PRU MOD | 2021.03.31 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC50      | PRU MOD | 2021.04.01 |                     | 2                   |                       |                       |                       | 2                  |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC51      | ERI RUB | 2021.04.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| OC52      | PRU MOD | 2021.04.03 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC53      | ERI RUB | 2021.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC54      | ERI RUB | 2021.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC55      | ERI RUB | 2021.04.10 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC56      | ERI RUB | 2021.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC57      | LUS MEG | 2021.04.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC58      | TUR MER | 2021.04.10 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC59      | ERI RUB | 2021.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC60      | TUR PHI | 2021.04.10 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC61      | TUR MER | 2021.04.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC62      | ERI RUB | 2021.04.10 | 1                   | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC63      | TUR MER | 2021.04.10 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC64      | PAR MAJ | 2021.05.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC65      | ACR SCI | 2021.05.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC66      | ACR SCI | 2021.05.01 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC67      | TUR PHI | 2021.05.01 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC69      | SYL COM | 2021.05.08 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC70      | PHY COL | 2021.05.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC71      | TUR MER | 2021.05.08 |                     | 12                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC72      | TUR MER | 2021.05.08 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC73      | TUR MER | 2021.05.15 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC75      | TUR PHI | 2021.05.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC76      | TUR PHI | 2021.05.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC77      | TUR MER | 2021.05.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC78      | ACR SCI | 2021.05.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC80      | TUR MER | 2021.05.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC81      | ACR SCI | 2021.05.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC82      | LOC LUS | 2021.05.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC83      | TUR MER | 2021.05.29 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC84      | TUR MER | 2021.05.29 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC85      | TUR MER | 2021.05.29 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC86      | TUR MER | 2021.05.30 | 2                   | 8                   |                       |                       |                       |                    |                    |                     |                     |                       | 3                     |                       |                        |                       |                         |
| OC87      | LUS MEG | 2021.06.05 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC88      | ACR SCI | 2021.06.19 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC89      | PHY COL | 2021.06.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC90      | SYL ATR | 2021.06.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC91      | SYL ATR | 2021.06.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC92      | SYL ATR | 2021.06.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC93      | SYL ATR | 2021.06.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC94      | PAR MAJ | 2021.06.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC95      | ERI RUB | 2021.07.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC96      | LUS MEG | 2021.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC97      | SYL ATR | 2021.07.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC98      | ACR SCH | 2021.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC99      | ACR RIS | 2021.07.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC100     | ERI RUB | 2021.07.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC101     | LOC LUS | 2021.07.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| OC102     | LOC LUS | 2021.07.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC103     | POR ANA | 2021.07.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC104     | TUR MER | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC105     | TUR PHI | 2021.07.24 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| OC106     | ACR ARU | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC107     | ACR SCI | 2021.07.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC109     | ACR RIS | 2021.07.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC111     | ACR ARU | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| OC112     | ACR SCI | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| OC113     | LOC LUS | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| OC114     | LOC FLU | 2021.07.24 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| OC184     | SYL ATR | 2021.09.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC185     | SYL ATR | 2021.09.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC186     | PHY TRO | 2021.09.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC187     | SYL ATR | 2021.09.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC188     | SYL ATR | 2021.09.11 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC189     | ERI RUB | 2021.09.11 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC190     | ERI RUB | 2021.09.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC191     | ERI RUB | 2021.09.12 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC192     | ERI RUB | 2021.09.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC193     | PHY TRO | 2021.09.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC194     | SIT EUR | 2021.09.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC195     | ERI RUB | 2021.09.25 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC196     | SYL ATR | 2021.09.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC197     | ERI RUB | 2021.09.25 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC198     | ERI RUB | 2021.09.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC199     | ERI RUB | 2021.09.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| OC200     | SYL ATR | 2021.09.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG1       | ERI RUB | 2021.09.26 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG2       | ERI RUB | 2021.09.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG3       | ERI RUB | 2021.09.26 | 3                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG4       | ERI RUB | 2021.10.10 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG5       | ERI RUB | 2021.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG6       | TUR MER | 2021.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG7       | TUR MER | 2021.10.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG8       | TUR MER | 2021.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG10      | ERI RUB | 2021.10.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG11      | ERI RUB | 2021.10.23 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG12      | TUR MER | 2021.10.24 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG13      | ERI RUB | 2021.10.24 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG14      | ERI RUB | 2021.10.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG15      | ERI RUB | 2021.10.26 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG16      | ERI RUB | 2021.10.27 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG17      | ERI RUB | 2021.10.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG18      | PAR MAJ | 2021.10.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG19      | TUR ILI | 2021.10.30 |                     | 4                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG20      | ERI RUB | 2021.10.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG21      | PAR MAJ | 2021.11.13 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG22      | TUR MER | 2022.03.18 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG23      | TUR MER | 2022.03.18 |                     | 11                  |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG24      | PAR MAJ | 2022.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG25      | PAR MAJ | 2022.03.19 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG26      | PAR MAJ | 2022.03.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG27      | TUR MER | 2022.03.19 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG28      | COC COC | 2022.03.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG29      | TUR PHI | 2022.03.24 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG30      | ERI RUB | 2022.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG31      | TUR MER | 2022.03.25 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       | 1                       |
| KG32      | ERI RUB | 2022.04.04 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG34      | TUR MER | 2022.04.10 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG35      | TUR MER | 2022.04.10 |                     | 8                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG36      | ERI RUB | 2022.04.10 |                     | 5                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG37      | TRO TRO | 2022.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG38      | TRO TRO | 2022.04.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG39      | ERI RUB | 2022.04.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG40      | ERI RUB | 2022.04.13 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG41      | TUR PHI | 2022.04.13 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG42      | ERI RUB | 2022.04.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG43      | TUR MER | 2022.04.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| KG44      | TUR MER | 2022.04.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG45      | TRO TRO | 2022.04.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG46      | TUR MER | 2022.04.16 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG47      | ACR SCH | 2022.04.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG48      | TUR MER | 2022.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG49      | TUR MER | 2022.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG50      | SYL ATR | 2022.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG51      | ACR SCH | 2022.04.23 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG52      | SYL COM | 2022.04.23 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG53      | ACR SCH | 2022.04.23 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG54      | ACR SCI | 2022.04.23 |                     |                     |                       | 1                     |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG55      | ACR SCI | 2022.04.30 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG56      | PHY COL | 2022.05.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG57      | LUS MEG | 2022.05.07 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG58      | PHY COL | 2022.05.07 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG59      | LOC LUS | 2022.05.07 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG60      | LUS MEG | 2022.05.07 | 1                   | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG61      | TUR MER | 2022.05.15 | 1                   | 9                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG62      | TUR PHI | 2022.05.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG63      | SYL ATR | 2022.05.15 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG65      | PAR MAJ | 2022.05.28 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG66      | TUR PHI | 2022.06.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG67      | SIT EUR | 2022.06.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG68      | TUR PHI | 2022.06.11 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG69      | LUS MEG | 2022.06.12 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG70      | SYL ATR | 2022.06.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG71      | SYL ATR | 2022.06.18 |                     | 6                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG72      | LOC LUS | 2022.06.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 2                     | 5                     |                       |                        |                       |                         |
| KG73      | TRO TRO | 2022.06.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG74      | TUR PHI | 2022.06.18 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG75      | LOC LUS | 2022.06.18 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 17                    | 6                     |                       |                        |                       |                         |
| KG76      | LOC LUS | 2022.06.18 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     | 21                    | 6                     |                       |                        |                       |                         |
| KG77      | ACR RIS | 2022.07.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG78      | ACR SCI | 2022.07.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG79      | LOC LUS | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG80      | LOC LUS | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 2                     |                       |                        |                       |                         |
| KG81      | LOC LUS | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 6                     | 3                     |                       |                        |                       |                         |
| KG82      | TUR MER | 2022.07.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG83      | LOC LUS | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG84      | LOC LUS | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| KG85      | ACR SCH | 2022.07.08 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG86      | LOC LUS | 2022.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG87      | ACR SCI | 2022.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG88      | LOC LUS | 2022.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| KG89      | LOC LUS | 2022.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 5                     |                       |                       |                        |                       |                         |
| KG90      | LOC LUS | 2022.07.10 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG93      | ACR SCI | 2022.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG94      | ACR SCH | 2022.07.11 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| KG95      | LOC LUS | 2022.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| KG96      | ACR SCH | 2022.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG97      | ACR SCH | 2022.07.13 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 2                     |                       |                        |                       |                         |
| KG98      | TUR MER | 2022.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG99      | ACR MEL | 2022.07.16 |                     | 2                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG100     | TUR PHI | 2022.07.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG101     | LOC LUS | 2022.07.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG102     | ACR RIS | 2022.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     |                       | 1                     |                       |                        |                       |                         |
| KG103     | ACR MEL | 2022.07.16 |                     |                     |                       |                       |                       |                    |                    |                     |                     | 1                     | 1                     |                       |                        |                       |                         |
| KG104     | ACR SCI | 2022.07.16 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |

[illegible]

| SAMPLE ID | HOST    | DATE       | <i>I. ricinus</i> L | <i>I. ricinus</i> N | <i>I. frontalis</i> L | <i>I. frontalis</i> N | <i>I. frontalis</i> F | <i>I. festai</i> F | <i>I. festai</i> M | <i>I. lividus</i> N | <i>I. lividus</i> F | <i>Ha. concinna</i> L | <i>Ha. concinna</i> N | <i>Ha. punctata</i> L | <i>I. arboricola</i> N | <i>Hyalomma</i> sp. N | <i>D. reticulatus</i> F |
|-----------|---------|------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|
| KG183     | ERI RUB | 2022.10.03 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG184     | TUR PHI | 2022.10.08 | 1                   |                     |                       | 1                     |                       |                    |                    |                     |                     | 1                     |                       |                       |                        |                       |                         |
| KG185     | ERI RUB | 2022.10.08 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG186     | ERI RUB | 2022.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG187     | FRI COE | 2022.10.08 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG188     | ERI RUB | 2022.10.21 | 2                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG189     | ERI RUB | 2022.10.22 | 1                   |                     |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG190     | TUR MER | 2022.10.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG191     | PAR MAJ | 2022.10.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG192     | TUR MER | 2022.10.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG193     | TUR MER | 2022.10.22 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG194     | ERI RUB | 2022.10.22 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG195     | ERI RUB | 2022.10.22 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG301     | PAS MON | 2022.10.27 |                     |                     |                       |                       | 1                     |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG302     | ERI RUB | 2022.10.29 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG303     | TUR MER | 2022.10.29 |                     | 3                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG304     | TUR MER | 2022.10.29 | 1                   | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
| KG305     | TUR MER | 2022.11.12 |                     | 1                   |                       |                       |                       |                    |                    |                     |                     |                       |                       |                       |                        |                       |                         |
|           |         | TOTAL:     | 1229                | 2742                | 52                    | 38                    | 12                    | 6                  | 2                  | 1                   | 12                  | 698                   | 1008                  | 28                    | 1                      | 3                     | 1                       |