

**Supplementary Table 1. Primer sequences used in this paper.**

| Conventional RT-PCR        |         |                                |  |                            |        |                     |
|----------------------------|---------|--------------------------------|--|----------------------------|--------|---------------------|
| Gene name                  |         | Primer sequences               |  | Annealing temperature (°C) | Cycles | Product length (bp) |
| hCOX2                      | Forward | GGC CAT GGG GTG GAC TTA AA     |  | 60                         | 35     | 181                 |
|                            | Reverse | ACC GTA GAT GCT CAG GGA CT     |  |                            |        |                     |
| hNFAT1                     | Forward | AAA CTC GGC TCC AGA ATC CA     |  | 60                         | 35     | 578                 |
|                            | Reverse | TGG ACT CTG GGA TGT GAA CT     |  |                            |        |                     |
| hNFAT2                     | Forward | GCT ATG CAT CCT CCAACG TC      |  | 60                         | 35     | 441                 |
|                            | Reverse | AGT TGG ACT CGT AGG AGG AG     |  |                            |        |                     |
| hNFAT3                     | Forward | ACA CAG CCC TAT CTT CAG GA     |  | 60                         | 35     | 294                 |
|                            | Reverse | ATC TTG CCT GTG ATA CGG TG     |  |                            |        |                     |
| hNFAT4                     | Forward | ACC CTT TAC CTG GAG CAA AC     |  | 60                         | 35     | 339                 |
|                            | Reverse | CTT GCA GTA GCG ACT GTC TT     |  |                            |        |                     |
| hNFAT5                     | Forward | CGT GTG TGT GGC TTC TAT GT     |  | 60                         | 35     | 329                 |
|                            | Reverse | TGC CTC TCAATC AGA GAG AG      |  |                            |        |                     |
| hFKBP12                    | Forward | TGC TAG GCA AGC AGG AGG TGA T  |  | 60                         | 35     | 109                 |
|                            | Reverse | GTG GCA CCA TAG GCA TAA TCT GG |  |                            |        |                     |
| hGAPDH                     | Forward | TGA TGA CAT CAA GAA GGT GGT G  |  | 60                         | 24     | 207                 |
|                            | Reverse | ACC CTG TTG CTG TAG CCAAAT     |  |                            |        |                     |
|                            |         |                                |  |                            |        |                     |
| Quantitative Real-time PCR |         |                                |  |                            |        |                     |
| Gene name                  |         | Primer sequences               |  | Annealing temperature (°C) |        | Product length (bp) |
| mTARC                      | Forward | CAA GCT CAT CTG TGC AGA CC     |  | 60                         |        | 219                 |
|                            | Reverse | CGC CTG TAG TGC ATAAGA GTC C   |  |                            |        |                     |
| mIL-22                     | Forward | TCA GTG CTAAGG ATC AGT GCT     |  | 60                         |        | 136                 |
|                            | Reverse | TGA TTG CTG AGT TTG GTC AGG    |  |                            |        |                     |
| mGAPDH                     | Forward | GGC ATT GCT CTC AAT GAC AA     |  | 60                         |        | 200                 |
|                            | Reverse | TGT GAG GGA GAT GCT CAG TG     |  |                            |        |                     |
| hGATA3                     | Forward | CAT GAA GCT GGA GTC GTC CC     |  | 60                         |        | 344                 |
|                            | Reverse | GCC TTC GCT TGG GCT TAA TG     |  |                            |        |                     |
| hSTAT6                     | Forward | GAC ACT GTC CAG CAC CTT CA     |  | 60                         |        | 190                 |
|                            | Reverse | GGA AAG GCA TTG GCA AGT GG     |  |                            |        |                     |
| hIL-5                      | Forward | AAC TGT GCAAGG GGG TAC TG      |  | 60                         |        | 103                 |
|                            | Reverse | TCT CCG TCT TTC TTC TCC ACA C  |  |                            |        |                     |
| hIL-13                     | Forward | ATG GCG CTT TTG TTG ACC AC     |  | 60                         |        | 180                 |
|                            | Reverse | AGC TGT CAG GTT GAT GCT CC     |  |                            |        |                     |
| hCOX2                      | Forward | GGC CAT GGG GTG GAC TTA AA     |  | 60                         |        | 181                 |
|                            | Reverse | ACC GTA GAT GCT CAG GGA CT     |  |                            |        |                     |
| hGAPDH                     | Forward | TGA TGA CAT CAA GAA GGT GGT G  |  | 60                         |        | 207                 |
|                            | Reverse | ACC CTG TTG CTG TAG CCAAAT     |  |                            |        |                     |