

Additional File 3

| Oligonucleotides    |                 | Sequences (5' >> 3')                                               |
|---------------------|-----------------|--------------------------------------------------------------------|
| For dsRNA synthesis |                 |                                                                    |
| <i>per</i>          | per10-F         | GGG GAA GAT TTC TCC CGT AG                                         |
|                     | per21T7-R       | TAA TAC GAC TCA ATC TAG GGA ACG TAG GGC ATT TGC TGT                |
|                     | per10T7-F       | TAA TAC GAC TCA ATC TAG GGG GGA AGA TTT CTC CCG TAG                |
|                     | per21-R         | GAA CGT AGG GCA TTT GCT GT                                         |
| <i>cyc</i>          | cyc5-F          | GGC GCT AGG AGA TCC TTC TT                                         |
|                     | cyc5T7-R        | TAA TAC GAC TCA ATC TAG GCT CTG GAG GGC AGC TTT ATG                |
|                     | cyc5T7-F        | TAA TAC GAC TCA ATC TAG GGG CGC TAG GAG ATC CTT CTT                |
|                     | cyc5-R          | CTC TGG AGG GCA GCT TTA TG                                         |
| <i>bla</i>          | pGBetalacm-F1   | TCG CCG CAT ACA CTA TTC TC                                         |
|                     | pGBetalacmT7-R1 | TAA TAC GAC TCA ATC TAG GGA GAC CAC GTA CGA TAC GGG<br>AGG GCT TAC |
|                     | pGBetalacmT7-F1 | TAA TAC GAC TCA ATC TAG GGA GAC CAC GTC GCC GCA TAC<br>ACT ATT CTC |
|                     | pGBetalacm-R1   | TAC GAT ACG GGA GGG CTT AC                                         |
| For probe synthesis |                 |                                                                    |
| <i>CP-α</i>         | cpa1-F          | CTG AGC TTT TCA AAC CAC AAA                                        |
|                     | cpa1-R          | TGG TCA ACG ATA GAC ACA GCA                                        |
| <i>Vg</i>           | vg1-F           | AGC GAA CTT CAG GCT GGA TA                                         |
|                     | vg1-R           | TGA GCA GTG TTT CCA AGT GC                                         |
| <i>If</i>           | transF          | GGG AAT TCT TGG ACC ACT GA                                         |
|                     | transR          | GGC ATC GGG ATA GTC ACA CT                                         |