**Supplementary File 1.**

**Supplementary Table 1. Primers used for RT-qPCR and shRNAs.**

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| Purpose | Name | Sequence (5’ to 3’) |
| TRiP Short Hairpin | shBonus | CACACTCGTTTCCGAAATCAA |
| Oligos for RT-qPCR and ChIP-qPCR | bon-for | ACTTCTGGGTCTGACTGGCGAAG |
| bon-rev | TCAACGCACCACGACGTGG |
| rp49-for | CCGCTTCAAGGGACAGTATCTG |
| rp49-rev | ATCTCGCCGCAGTAAACGC |
| ple-for | AGCAGACCAAACAAACCGTCCTC |
| ple-rev | CACATCTTGCTCGGAGGGAAT |
| rbp6-for | CGCACCTCCCTATCTATCTATCT |
| rbp6-rev | GTGTTCTTTTTTGCATTTTCTGTGCTT |
| CG34353-for | TACCGTTTTTTGGCACCTACGC |
| CG34353-rev | GATGGTGCTAGAATCTTGCCC |
| pst-for | GCAGCAAGCTATTCGATCGCAG |
| pst-rev | CTGCCAATCCCACAGTGCCAC |
| mKate\_reporter-for | TCAGAGGGGTGAACTTCCCA |
| mKate\_reporter-rev | CTCCCAGCCGAGTGTTTTCT |
| luc\_reporter-for |  TGATTATGTCCGGCTACGTGAAT |
| luc\_reporter-rev | GGTCCACGATGAAGAAGTGCTC |
| CG3191-for | CGAAGGAGAGGTGCAGATATTC |
| CG3191-rev | GCTGGAGGAACTTGATGTAGG  |
| Spn88Eb-for | CGAGCGTGAGCAGGAAAT |
| Spn88Eb-rev | GACTTGTATATGGTGCGGTAGG  |