**Table S1 Primer List.**

|  |  |  |
| --- | --- | --- |
| Name | Sequences (5′-3′) | Type |
| 2.8kOV-F | CTTAAGTCCTCAGACTTGGC | PCR |
| 2.8kOV-R | GCCCCGGGTGAACTCTGAGTTGTCTAG | PCR |
| ERE-F | CTGCAGAAAAATGCCAGGTGG | PCR |
| ERE-R | TCTAGAGAGAGTAAGCAACAATCTTCT | PCR |
| cGAPDH-F | TAGAGGCTGGCAGTTCTGGT | PCR |
| cGAPDH-R | CAGTCCCAGCCCATACAACT | PCR |
| Qsex-F | CTATGCCTACCACATTCCTATTTGC | PCR |
| Qsex-R | AGCTGGACTTCAGACCATCTTCT | PCR |
| hLY-F | TGTACGACACTGGCAACATG | PCR |
| hLY-R | CACTCCACATCCCTGAACATA | PCR |
| QPCRF2 | GGAGAGCGGATACAACACAAG | Q-PCR |
| QPCRR2 | CCAGTAGCGGCTATTGATCTG | Q-PCR |
| RT-cGAPDH-F | CGATCTGAACTACATGGTTTACATGTT | RT-PCR |
| RT-cGAPDH-R | CCCGTTCTCAGCCTTGACA | RT-PCR |
| HLY-F119 | GAATGAGCCTGGCAAAC | Southern Blot |
| HLY-R444 | CACTCCACATCCCTGAAC | Southern Blot |
| WPRE-SP1 | TGTTGGGCACTGACAATTCCG | Genome Walking |
| WPRE-SP2 | CTCAATCCAGCGGACCTTCCTT | Genome Walking |
| WPRE-SP3 | TCAGACGAGTCGGATCTCCCTT | Genome Walking |