**Supplementary Table 2:** Primers used for Bisulfite sequencing and qRT-PCRs

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Forward sequence (5’-3’)** | **Reverse sequence (5’-3’)** | **Product size (bp)** |
| Bisulfite sequencing | | | |
| *SERHL*  (Outer) | AATAGTTTAGAAGTAGGGTTTGGAA | CCCCACAACTAACAACCTCC | 459 |
| *SERHL*  (Inner) | AATAGTTTAGAAGTAGGGTTTGGAA | ACTCAAAATCTCCTAAAACCCTAAAA | 380 |
| *CAT* | GGGGTAATAGGTAGATTTGTTTGTT | ATACAAAATTCTAAAACAACCACCC | 406 |
| qRT-PCRs | | | |
| *Serhl* | TCCCTAAGCGGTTCCAGTTT | GGAACTCAGAGTCCCAGTGT | 190 |
| *Cat* | CCAGAAGAAAGCGGTCAAGAA | CGGATGAACGCTAAGCTTCG | 207 |