Table SI. PCR primer sequence of mRNAs and lncRNAs.

### A. lncRNA

| Gene               | Primer sequence 5’→3’                                      | Amplicon |
|--------------------|------------------------------------------------------------|----------|
| GAPDH              | F: GAGATTACCTGCTCTGGCTCCTA  
R: GGACTCATCGTACTCCTGCTTG | 182      |
| NONMMUT016103      | F: CACTCCAGACCCCTTTCC  
R: GTAATAGATGCCCGTGT    | 93       |
| NONMMUT057309      | F: TCTCCATCCTCCCTGTC  
R: ACTGCCACTGAACCTTG    | 177      |

### B. mRNA

| Gene               | Primer sequence 5’→3’                                      | Amplicon | ProbeID       |
|--------------------|------------------------------------------------------------|----------|---------------|
| GAPDH              | F: GAGATTACCTGCTCTGGCTCCTA  
R: GGACTCATCGTACTCCTGCTTG | 182      |               |
| ENSMUST00000103403 | F: CCAACAGAAAAACCCAGGACA  
R: CCCACTGCCACTAAACC    | 91       | A_65_P07626   |
| ENSMUST00000103401 | F: CAACAGAAAAACCGAGGACA  
R: ACCCCTGCCACTAAACC    | 91       | A_52_P502849  |
| ENSMUST00000103366 | F: CTCCAAGGCCTTCATC    
R: CCCTCCAGACCTGTTA     | 173      | A_66_P103232  |
| ENSMUST00000103443 | F: AGAGGCTGTCCATCACC   
R: CACTCCAGACCTTTCC     | 94       | A_55_P2187235 |