Suppl table 1. Primer sequences of lncRNAs

|  |  |  |
| --- | --- | --- |
| lncRNA | Forward | Reverse |
| NO\_902.1 | AAGGGATGGAGGAGAGGAGA | AGGTAGGGCTGCTTCTGGTT |
| XR\_798.1 | ATGTTGTGTCTTATTCTCTGGCT | GTCAGAGGGGAGGCTACTTTG |
| NO\_720.1 | CCTTTTGTTCATCAGGCGGG | GGCTGTGTCTGGTAGTTGGG |
| XR\_907.1 | TCGCAGAAACTTGGTCACAC | CTGGAGCCTGTCCTTCCTCT |
| EN\_181 | CATATAACCCAGCGGCACTT | CCATAAGGCAAAGACCCAGA |

Suppl table 2. Results of homology comparison between mouse and human

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Query (mouse) | | Subject (human) | | | | result | | | |
| lncRNA ID | length | accession | gene name | length | transcript type | bit score | alignment length | % identity | *e*-value |
| ENSMUST00000132181 | 4227 | NR\_148019.2 | Lins1 | 5994 | non-coding RNA | 377 | 469/600 | 78% | 7E-101 |
| ENSMUST00000132181 | 4227 | NR\_148018.2 | Lins1 | 4699 | non-coding RNA | 375 | 444/563 | 79% | 2E-100 |
| ENSMUST00000132181 | 4227 | NR\_148017.2 | Lins1 | 4711 | non-coding RNA | 375 | 444/563 | 79% | 2E-100 |