**Table S1.** **Primer sequences for the hub genes in the ceRNA network.**

|  |  |  |
| --- | --- | --- |
|  | **Forward**  | **Reverse** |
| H-ASB16  | GACTGTGCTCGACACCTGAT | CAGAGGTGCAAAGGAGTCGT |
| H-TRIM21 | CCCCTCTAACCCTCTGTCCA | CTGCTAAAGCTCGCTTGCTG |
| H-HLA-B | CTAGCAGTTGTGGTCATCGGA | AAAGGGGAGGCGTGAAGAAA |
| H-SEC24C | CCTGGGAGCCTTGACGTTAG | CCCCAGCCAGCATTCAGATT |
| H-β-Actin\* | ACCCTGAAGTACCCCATCGAG | AGCACAGCCTGGATAGCAAC |

\*β-Actin was used as the house-keeping gene for normalization.