Suppl. Table 4 The log2FoldChange of differentially expressed mRNAs in stearic acid-induced β-TC 6 cells compared both with palmitic acid and control group.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Regulation | log2FoldChange | *P* Value |
| ENSMUST00000006221 | Down | -1.193 | 0.002 |
| ENSMUST00000006956 | Ups | 6.127 | 5.323E-112 |
| ENSMUST00000020190 | Ups | 3.151 | 9.460E-15 |
| ENSMUST00000021620 | Down | -5.161 | 1.512E-36 |
| ENSMUST00000022531 | Ups | 2.445 | 1.571E-07 |
| ENSMUST00000023994 | Ups | 4.044 | 1.638E-23 |
| ENSMUST00000027748 | Ups | 3.062 | 4.599E-21 |
| ENSMUST00000031327 | Ups | 5.375 | 1.686E-42 |
| ENSMUST00000031565 | Ups | 2.876 | 1.586E-13 |
| ENSMUST00000032383 | Ups | 2.088 | 6.817E-06 |
| ENSMUST00000036188 | Ups | 2.420 | 1.548E-22 |
| ENSMUST00000040750 | Ups | 4.082 | 6.937E-24 |
| ENSMUST00000050785 | Ups | 5.881 | 4.656E-53 |
| ENSMUST00000067495 | Ups | 1.460 | 8.786E-06 |
| ENSMUST00000068830 | Ups | 2.178 | 1.953E-06 |
| ENSMUST00000073388 | Down | -4.336 | 1.327E-24 |
| ENSMUST00000074898 | Ups | 6.940 | 7.854E-126 |
| ENSMUST00000086399 | Ups | 6.190 | 3.980E-73 |
| ENSMUST00000088744 | Down | -1.142 | 0.007 |
| ENSMUST00000092822 | Down | -5.560 | 1.597E-40 |
| ENSMUST00000094760 | Ups | 2.589 | 2.676E-08 |
| ENSMUST00000096232 | Ups | 3.551 | 9.277E-36 |
| ENSMUST00000097811 | Ups | 3.798 | 1.906E-18 |
| ENSMUST00000097822 | Down | -1.452 | 0.001 |
| ENSMUST00000099761 | Ups | 1.659 | 1.860E-5 |
| ENSMUST00000101094 | Ups | 3.835 | 7.103E-20 |
| ENSMUST00000102745 | Ups | 3.703 | 1.442E-16 |
| ENSMUST00000105797 | Down | -1.716 | 1.650E-04 |
| ENSMUST00000106372 | Down | -2.867 | 4.288E-10 |
| ENSMUST00000106373 | Ups | 2.478 | 1.052E-07 |
| ENSMUST00000110323 | Ups | 2.288 | 8.935E-07 |
| ENSMUST00000111398 | Down | -1.977 | 1.063E-18 |
| ENSMUST00000113203 | Down | -1.237 | 2.820E-04 |
| ENSMUST00000117419 | Down | -2.703 | 6.570E-09 |
| ENSMUST00000121953 | Ups | 3.475 | 5.235E-14 |
| ENSMUST00000124100 | Down | -5.858 | 5.451E-53 |
| ENSMUST00000128218 | Down | -2.050 | 6.849E-06 |
| ENSMUST00000131456 | Ups | 4.205 | 1.086E-24 |
| ENSMUST00000133573 | Down | -1.111 | 9.263E-05 |
| ENSMUST00000135138 | Down | -2.168 | 3.351E-06 |
| ENSMUST00000135176 | Down | -1.939 | 3.121E-05 |
| ENSMUST00000135828 | Ups | 1.491 | 0.001 |
| ENSMUST00000140373 | Ups | 3.528 | 3.949E-15 |
| ENSMUST00000140898 | Down | -1.198 | 0.001 |
| ENSMUST00000141968 | Ups | 1.989 | 1.926E-05 |
| ENSMUST00000142159 | Down | -1.827 | 3.361E-11 |
| ENSMUST00000142821 | Down | -3.742 | 5.169E-17 |
| ENSMUST00000143213 | Ups | 2.747 | 3.558E-09 |
| ENSMUST00000147988 | Ups | 1.888 | 4.652E-05 |
| ENSMUST00000149874 | Ups | 1.943 | 2.813E-05 |
| ENSMUST00000149884 | Down | -4.299 | 1.348E-24 |
| ENSMUST00000159089 | Down | -2.503 | 7.091E-08 |
| ENSMUST00000159720 | Ups | 4.294 | 8.754E-25 |
| ENSMUST00000159895 | Down | -2.539 | 4.784E-08 |
| ENSMUST00000166854 | Ups | 2.584 | 2.694E-08 |
| ENSMUST00000171621 | Ups | 6.642 | 2.467E-67 |
| ENSMUST00000181169 | Ups | 3.502 | 3.228E-26 |
| ENSMUST00000181286 | Ups | 2.886 | 4.602E-28 |
| ENSMUST00000185596 | Down | -3.567 | 1.274E-15 |
| ENSMUST00000189371 | Down | -1.691 | 2.053E-04 |
| ENSMUST00000193636 | Ups | 2.183 | 2.756E-06 |
| ENSMUST00000194446 | Ups | 4.639 | 1.171E-25 |
| ENSMUST00000194644 | Ups | 1.050 | 0.005 |