Table S15: 36 features selected using SVC-L1 feature selection

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| --- | --- | --- |
| **Transcript ID** | **Transcript type** | **Gene Symbol** |
| ENSG00000237424.1 | antisense | *FOXD2-AS1* |
| ENSG00000249307.4 | antisense | *LINC01088* |
| ENSG00000233968.5 | antisense | *RP11-354E11.2* |
| ENSG00000257732.1 | antisense | *RP11-818F20.5* |
| ENSG00000266955.1 | antisense | *RP11-820I16.3* |
| ENSG00000249602.1 | antisense | *RP11-98D18.3* |
| ENSG00000273203.1 | lincRNA | *AC006946.16* |
| ENSG00000225166.1 | lincRNA | *AC012462.2* |
| ENSG00000236385.1 | lincRNA | *RP11-114M1.2* |
| ENSG00000272970.1 | lincRNA | *RP11-329B9.4* |
| ENSG00000274698.1 | lincRNA | *RP11-71L14.4* |
| ENSG00000274115.1 | miRNA | *MIR6081* |
| ENSG00000278109.1 | misc\_RNA | *Metazoa\_SRP* |
| ENSG00000221957.7 | polymorphic\_pseudogene | *KIR2DS4* |
| ENSG00000258988.1 | processed\_pseudogene | *RP11-125H8.1* |
| ENSG00000229979.1 | processed\_pseudogene | *U82670.9* |
| ENSG00000162746.13 | protein\_coding | *FCRLB* |
| ENSG00000162639.14 | protein\_coding | *HENMT1* |
| ENSG00000196787.3 | protein\_coding | *HIST1H2AG* |
| ENSG00000105610.4 | protein\_coding | *KLF1* |
| ENSG00000128594.6 | protein\_coding | *LRRC4* |
| ENSG00000164520.10 | protein\_coding | *RAET1E* |
| ENSG00000204764.11 | protein\_coding | *RANBP17* |
| ENSG00000170615.13 | protein\_coding | *SLC26A5* |
| ENSG00000143570.16 | protein\_coding | *SLC39A1* |
| ENSG00000077327.14 | protein\_coding | *SPAG6* |
| ENSG00000163071.9 | protein\_coding | *SPATA18* |
| ENSG00000277893.1 | protein\_coding | *SRD5A2* |
| ENSG00000112837.15 | protein\_coding | *TBX18* |
| ENSG00000164362.17 | protein\_coding | *TERT* |
| ENSG00000124191.16 | protein\_coding | *TOX2* |
| ENSG00000064205.9 | protein\_coding | *WISP2* |
| ENSG00000178163.6 | protein\_coding | *ZNF518B* |
| ENSG00000235389.2 | sense\_intronic | *RP11-134K1.3* |
| ENSG00000243742.4 | transcribed\_processed\_pseudogene | *RPLP0P2* |
| ENSG00000224295.2 | unprocessed\_pseudogene | *AC087380.14* |