Common genes of the top 200 most significant DEGs of 231 CAST-I and T47D CAST-I

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 231 CAST-I cells | | | | T47D CAST-I cells | | |
| Genes | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) |
| SSX1 | -6.072 | 4.03E-151 | 8.75E-147 | 6.182 | 0 | 0 |
| MAGEC2 | -4.717 | 6.47E-122 | 4.68E-118 | 3.094 | 0 | 0 |
| MAGEA11 | -4.929 | 2.64E-68 | 4.4E-65 | -6.253 | 1.5E-270 | 2.12E-267 |
| SEL1L3 | -2.702 | 3.11E-21 | 7.26E-19 | 2.158 | 2.39E-107 | 5.56E-105 |
| CEACAM1 | -4.409 | 1.74E-19 | 3.41E-17 | -0.939 | 5.41E-13 | 6.62E-12 |
| TMTC1 | -3.243 | 8.65E-19 | 1.6E-16 | -2.437 | 3.53E-134 | 1.28E-131 |
| HSPB8 | -2.532 | 1.89E-17 | 3.1E-15 | 3.124 | 0 | 0 |
| CAST | 1.904 | 3.03E-17 | 4.83E-15 | 1.684 | 8.35E-118 | 2.25E-115 |
| TNFSF18 | 2.576 | 1.33E-16 | 2E-14 | 3.09 | 9.8E-201 | 7.1E-198 |
| CLDN1 | -1.469 | 3.96E-15 | 5.21E-13 | 1.397 | 5.49E-76 | 8E-74 |
| GJB3 | -3.664 | 1.49E-13 | 1.6E-11 | 2.097 | 1.51E-109 | 3.57E-107 |

Common genes of the top 200 most significant DEGs of 231 CAST-II and T47D CAST-II

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 231 CAST-II cells | | | | T47D CAST-II cells | | |
| Genes | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) |
| TNFSF18 | 4.723 | 3.43E-57 | 8.89E-54 | 2.252 | 5.57E-106 | 1.44E-103 |
| CLCF1 | 2.734 | 7.4E-41 | 8.08E-38 | 1.909 | 1.3E-53 | 1.19E-51 |
| TP53I11 | 4.522 | 1.08E-24 | 3.59E-22 | 1.035 | 1.39E-49 | 1.14E-47 |
| FLRT2 | -2.025 | 7.06E-23 | 2.03E-20 | 5.607 | 0 | 0 |
| MAGEC2 | -1.759 | 1.28E-22 | 3.46E-20 | 2.338 | 3.24E-222 | 3.36E-219 |
| CAST | 2.261 | 4.07E-19 | 7.27E-17 | 2.269 | 3.21E-215 | 3.19E-212 |
| EGLN3 | 2.145 | 1.26E-16 | 1.78E-14 | 2.478 | 1.19E-245 | 1.64E-242 |
| GPC6 | -1.701 | 9.18E-16 | 1.17E-13 | 5.575 | 2.24E-45 | 1.57E-43 |
| PROCR | 1.695 | 1.24E-14 | 1.41E-12 | 1.413 | 7.34E-54 | 6.81E-52 |
| PLXDC2 | -1.389 | 2.87E-14 | 3.1E-12 | 1.143 | 1.75E-60 | 2.03E-58 |

Common genes of the top 200 most significant DEGs of 231 CAST-III and T47D CAST-III

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 231 CAST-III cells | | | | T47D CAST-III cells | | |
| Genes | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) | Expr Log Ratio | Expr p-value | Expr False Discovery Rate (q-value) |
| MAGEB2 | 6.877 | 4.21E-78 | 4.63E-74 | 15.564 | 3.43E-39 | 9.31E-37 |
| CLDN1 | -5.423 | 2.18E-63 | 6.84E-60 | 1.387 | 1.24E-27 | 1.98E-25 |
| IL6 | -3.049 | 4.18E-37 | 2.14E-34 | 2.094 | 1.5E-43 | 5.14E-41 |
| ABCA1 | -4.082 | 6.34E-37 | 3.17E-34 | -2.699 | 1.25E-24 | 1.5E-22 |
| AMIGO2 | -3.25 | 3.1E-35 | 1.31E-32 | 1.714 | 9.31E-44 | 3.27E-41 |
| SLIT2 | -4.555 | 6.16E-29 | 1.37E-26 | -6.993 | 2.31E-101 | 6.89E-98 |
| SSX1 | -12.796 | 3.29E-26 | 5.49E-24 | 3.305 | 7.53E-49 | 3.27E-46 |