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| --- | --- | --- | --- | --- |
|  | Functional category | Gene ID | Gene Name | AQP3-shRNA /CON-shRNA |
|  | Fold Change | q-value(%) |
|  | Migration | A\_23\_P211212 | [COL18A1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=COL18A1) | 0.4816 | 0.0000 |
|  | A\_33\_P3316273 | [CCL3](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=CCL3) | 2.2506 | 0.0000 |
|  | A\_33\_P3284919 | [SEMA6C](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=SEMA6C) | 0.4958 | 0.0000 |
|  | A\_24\_P339944 | [PDGFB](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=PDGFB) | 0.3858 | 0.0000 |
|  | A\_33\_P3813128 | [SEMA3F](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=SEMA3F) | 0.4452 | 0.0000 |
|  | A\_23\_P256473 | [SEMA3C](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=SEMA3C) | 2.0304 | 0.0000 |
|  | A\_23\_P213336 | [FGF1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=FGF1) | 3.4933 | 0.0000 |
|  | A\_23\_P131846 | [SNAI1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=SNAI1) | 0.4963 | 0.0000 |
|  | A\_24\_P71973 | [KDR](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=KDR) | 0.3072 | 0.0000 |
|  | A\_23\_P215484 | [CCL26](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=CCL26) | 2.1515 | 0.2300 |
|  | PIK3-Akt signaling pathway | A\_32\_P313405 | [LAMA1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=LAMA1) | 0.4738 | 0.0000 |
|  | A\_23\_P105562 | [VWF](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=VWF) | 0.3174 | 0.0000 |
|  | A\_24\_P339944 | [PDGFB](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=PDGFB) | 0.3858 | 0.0000 |
|  | A\_24\_P759477 | [ITGB8](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=ITGB8) | 0.3509 | 0.0000 |
|  | A\_33\_P3263432 | [ITGA10](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=ITGA10) | 0.3219 | 0.0000 |
|  | A\_23\_P213336 | [FGF1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=FGF1) | 3.4933 | 0.0000 |
|  | A\_24\_P71973 | [KDR](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=KDR) | 0.3072 | 0.0000 |
|  | A\_23\_P104318 | [DDIT4](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=DDIT4) | 0.2764 | 0.0000 |
|  | hsa05200:Pathways in cancer | A\_23\_P501822 | [JUP](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=JUP) | 0.3045 | 0.0000 |
|  | A\_23\_P396858 | [FZD8](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=FZD8) | 0.4858 | 0.0000 |
|  | A\_32\_P313405 | [LAMA1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=LAMA1) | 0.4738 | 0.0000 |
|  | A\_23\_P381261 | [ADCY4](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=ADCY4) | 0.3363 | 0.0000 |
|  | A\_23\_P106194 | [FOS](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=FOS) | 0.1205 | 0.0000 |
|  | A\_33\_P3260634 | [PLCB4](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=PLCB4) | 2.0091 | 0.0000 |
|  | A\_24\_P339944 | [PDGFB](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=PDGFB) | 0.3858 | 0.0000 |
|  | A\_24\_P250922 | [PTGS2](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=PTGS2) | 0.4157 | 0.0000 |
|  | A\_23\_P98350 | [BIRC3](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=BIRC3) | 2.3975 | 0.0000 |
|  | A\_23\_P213336 | [FGF1](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=FGF1) | 3.4933 | 0.0000 |
|  | A\_24\_P10233 | [DAPK2](http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceResult?choice=Gene&option=Name&criteria=DAPK2) | 0.4678 | 0.0000 |
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