| | Gene.Symb | Gene.Title | B34 | B39.4hr | B39.24hr | B39.48hr | OIM.4hr | OIM.24hr | OIM.48hr | diff_B39_4hr | diff_B39_24hr | diff_B39.48hr | diff_OIM.4hr | diff_OIM.24hr | diff_OIM.48hr | Visual Group |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | NEXN | nexilin (F a | 8.9490066 | 9.8479000 | 10.254199 | 10.175766 | 10.454566 | 11.348700 | 11.419199 | 0.898893333 | 1.305193333 | 1.22676 | 1.50556 | 2.399693333 | 2.470193333 | 1 |
| 10423 | ACTA2 | actin, alpha | 8.9347700 | 9.3420833 | 11.558666 | 11.216133 | 9.3354400 | 11.196833 | 11.385566 | 0.407313333 | 2.623896667 | 2.281363333 | 0.40067 | 2.262063333 | 2.450796667 | 1 |
| 11307 | SRGN | serglycin | 9.8528033 | 10.638779 | 11.642433 | 11.279700 | 10.580900 | 12.292000 | 12.566966 | 0.785976667 | 1.78963 | 1.426896667 | 0.728096667 | 2.439196667 | 2.714163333 | 1 |
| 11430 | PAPPA | pregnancy | 6.4888200 | 7.3126266 | 10.071980 | 9.2642766 | 7.2979766 | 10.905600 | 11.432066 | 0.823806667 | 3.58316 | 2.775456667 | 0.809156667 | 4.41678 | 4.943246667 | 1 |
| 13258 | DNAJB4 | DnaJ (Hsp4 | 9.1359266 | 10.296333 | 10.316533 | 10.233566 | 11.055633 | 11.625366 | 11.803266 | 1.160406667 | 1.180606667 | 1.09764 | 1.919706667 | 2.48944 | 2.66734 | 1 |
| 13807 | FLRT2 | fibronectin | 7.6769133 | 8.3947833 | 10.155799 | 9.7984633 | 8.5795066 | 9.7018800 | 10.374700 | 0.71787 | 2.478886667 | 2.12155 | 0.902593333 | 2.024966667 | 2.697786667 | 1 |
| 13905 | GAS1 | growth arr | 8.7288433 | 8.0866833 | 9.4544333 | 9.7119466 | 9.3865199 | 11.183500 | 11.221200 | -0.64216 | 0.72559 | 0.983103333 | 0.657676667 | 2.454656667 | 2.492356667 | 1 |
| 14515 | IL1B | interleukin | 8.5659066 | 8.2573400 | 11.853933 | 11.094099 | 6.9039366 | 9.4902700 | 11.092733 | -0.308566667 | 3.288026667 | 2.528193333 | -1.66197 | 0.924363333 | 2.526826667 | 1 |
| 19902 | INHBA | inhibin, be | 7.9560600 | 9.0458733 | 10.409666 | 9.8034433 | 8.5248733 | 10.102523 | 10.708166 | 1.089813333 | 2.453606667 | 1.847383333 | 0.568813333 | 2.146463333 | 2.752106667 | 1 |
| 19995 | TP53I3 | tumor prot | 9.1752400 | 9.0554233 | 11.111199 | 11.284733 | 9.3784766 | 11.770466 | 11.783266 | -0.119816667 | 1.93596 | 2.109493333 | 0.203236667 | 2.595226667 | 2.608026667 | 1 |
| 25079 | CYFIP2 | cytoplasmi | 7.7090500 | 7.5517133 | 10.272633 | 10.125133 | 7.7283700 | 9.8507333 | 10.210099 | -0.157336667 | 2.563583333 | 2.416083333 | 0.01932 | 2.141683333 | 2.50105 | 1 |
| 25561 | JAG1 | jagged 1 | 7.8661000 | 8.9409166 | 9.6818600 | 9.5237366 | 8.8661166 | 10.308233 | 11.649033 | 1.074816667 | 1.81576 | 1.657636667 | 1.000016667 | 2.442133333 | 3.782933333 | 1 |
| 27913 | DRAM1 | DNA-dama | 8.9161000 | 9.0939500 | 11.629466 | 10.737566 | 9.0344300 | 10.448200 | 11.402933 | 0.17785 | 2.713366667 | 1.821466667 | 0.11833 | 1.5321 | 2.486833333 | 1 |
| 28940 | C7orf10 | chromosor | 8.3743800 | 8.1355300 | 11.755766 | 10.988366 | 8.4690933 | 10.604733 | 11.663833 | -0.23885 | 3.381386667 | 2.613986667 | 0.094713333 | 2.230353333 | 3.289453333 | 1 |
| 30860 | GDF15 | growth diff | 9.4523333 | 9.2504733 | 12.060000 | 11.694133 | 8.9755333 | 11.419599 | 12.301499 | -0.20186 | 2.607666667 | 2.2418 | -0.4768 | 1.967266667 | 2.849166667 | 1 |
| 32483 | FAM198B | family with | 8.6080533 | 7.8929566 | 10.553966 | 10.362333 | 8.6024000 | 11.015533 | 11.219433 | -0.715096667 | 1.945913333 | 1.75428 | -0.005653333 | 2.40748 | 2.61138 | 1 |
| 34199 | PAPPA | pregnancy | 7.2465566 | 8.3529933 | 11.067000 | 10.215366 | 8.4549933 | 11.829733 | 12.384966 | 1.106436667 | 3.820443333 | 2.96881 | 1.208436667 | 4.583176667 | 5.13841 | 1 |
| 34200 | PAPPA | pregnancy | 6.4623633 | 7.7829666 | 10.400666 | 9.5678533 | 7.7768800 | 11.247500 | 11.753266 | 1.320603333 | 3.938303333 | 3.10549 | 1.314516667 | 4.785136667 | 5.290903333 | 1 |
| 34551 | COL27A1 | collagen, ty | 7.6600300 | 8.4150133 | 10.094066 | 9.4764766 | 8.3131800 | 9.5674699 | 10.282133 | 0.754983333 | 2.434036667 | 1.816446667 | 0.65315 | 1.90744 | 2.622103333 | 1 |
| 35360 | NEXN | nexilin (F a | 8.2165066 | 9.2362433 | 9.4966066 | 9.3986866 | 9.6756333 | 10.573333 | 10.761933 | 1.019736667 | 1.2801 | 1.18218 | 1.459126667 | 2.356826667 | 2.545426667 | 1 |
| 36777 | CMBL | carboxyme | 7.0037300 | 7.5167666 | 10.492266 | 10.339066 | 7.9197433 | 10.667000 | 11.059166 | 0.513036667 | 3.488536667 | 3.335336667 | 0.916013333 | 3.66327 | 4.055436667 | 1 |
| 37383 | PAPPA | pregnancy | 7.1897200 | 8.2886733 | 11.092733 | 10.203003 | 8.3417099 | 11.892200 | 12.429300 | 1.098953333 | 3.903013333 | 3.013283333 | 1.15199 | 4.70248 | 5.23958 | 1 |
| 47983 | --- | --- | 7.0864200 | 8.0335333 | 9.4839900 | 9.7264633 | 8.5077000 | 9.8330766 | 9.7763266 | 0.947113333 | 2.39757 | 2.640043333 | 1.42128 | 2.746656667 | 2.689906667 | 1 |
| 54330 | IL1B | interleukin | 8.4684800 | 8.0827133 | 11.564533 | 10.877000 | 6.2131533 | 9.3635533 | 10.843100 | -0.385766667 | 3.096053333 | 2.40852 | -2.255326667 | 0.895073333 | 2.37462 | 1 |
| 4764 | PAPPA | pregnancy | 5.5438133 | 6.5487600 | 8.8156500 | 8.2575633 | 6.5892666 | 9.9077466 | 10.222930 | 1.004946667 | 3.271836667 | 2.71375 | 1.045453333 | 4.363933333 | 4.679116667 | 2 |
| 8844 | SERPINE1 | serpin pep | 7.0033566 | 8.1979533 | 8.7974966 | 8.4274600 | 9.2143533 | 9.8375233 | 10.153396 | 1.194596667 | 1.79414 | 1.424103333 | 2.210996667 | 2.834166667 | 3.15004 | 2 |
| 12445 | FBLN1 | fibulin 1 | 6.6883066 | 6.7152700 | 9.2231000 | 8.1078466 | 6.9092433 | 8.8822600 | 9.7725366 | 0.026963333 | 2.534793333 | 1.41954 | 0.220936667 | 2.193953333 | 3.08423 | 2 |
| 13259 | DNAJB4 | DnaJ (Hsp4 | 7.2081300 | 8.6210000 | 8.3411700 | 8.4871900 | 9.4236066 | 9.9778133 | 9.8792533 | 1.41287 | 1.13304 | 1.27906 | 2.215476667 | 2.769683333 | 2.671123333 | 2 |
| 14991 | HSPA4L | heat shock | 6.2425700 | 7.8854466 | 8.6053900 | 8.5214633 | 7.8610633 | 8.5663033 | 8.3199033 | 1.642876667 | 2.36282 | 2.278893333 | 1.618493333 | 2.323733333 | 2.077333333 | 2 |
| 15477 | ANKRD1 | ankyrin rep | 6.2262233 | 7.3300933 | 6.8613233 | 7.1273966 | 8.7273166 | 9.4078133 | 9.4832299 | 1.10387 | 0.6351 | 0.901173333 | 2.501093333 | 3.18159 | 3.257006667 | 2 |
| 16213 | ITGA10 | integrin, al | 6.4505133 | 6.4544233 | 7.6942233 | 6.7571699 | 7.3015500 | 8.9690833 | 10.240516 | 0.00391 | 1.24371 | 0.306656667 | 0.851036667 | 2.51857 | 3.790003333 | 2 |
| 17203 | METTL7A | methyltran | 6.8768433 | 6.1027700 | 7.8238466 | 8.2591666 | 7.7526633 | 9.7666133 | 9.6288833 | -0.774073333 | 0.947003333 | 1.382323333 | 0.87582 | 2.88977 | 2.75204 | 2 |
| 18179 | TSC22D3 | TSC22 dom | 8.1412999 | 7.8045499 | 7.7725600 | 8.1922166 | 10.192000 | 11.149366 | 10.997633 | -0.33675 | -0.36874 | 0.050916667 | 2.0507 | 3.008066667 | 2.856333333 | 2 |
| 19316 | TGFB2 | transformi | 6.1707433 | 8.0543000 | 8.4319533 | 8.3179233 | 7.6869300 | 8.5535700 | 8.5989933 | 1.883556667 | 2.26121 | 2.14718 | 1.516186667 | 2.382826667 | 2.42825 | 2 |
| 27860 | LMCD1 | LIM and cy | 6.6162033 | 6.7129400 | 8.1372566 | 7.7351566 | 7.9866700 | 8.9401433 | 9.2893433 | 0.096736667 | 1.521053333 | 1.118953333 | 1.370466667 | 2.32394 | 2.67314 | 2 |
| 28339 | C5orf23 | chromosor | 6.5978266 | 7.1088033 | 6.8379933 | 6.9846666 | 7.4427333 | 9.1581333 | 8.9639600 | 0.510976667 | 0.240166667 | 0.38684 | 0.844906667 | 2.560306667 | 2.366133333 | 2 |
| 33984 | SULF2 | sulfatase 2 | 6.7205499 | 6.1455033 | 9.7078566 | 9.4687399 | 6.6935000 | 9.8636133 | 10.079833 | -0.575046667 | 2.987306667 | 2.74819 | -0.02705 | 3.143063333 | 3.359283333 | 2 |
| 34201 | PAPPA | pregnancy | 5.7917400 | 6.8845400 | 9.5786233 | 8.9076733 | 6.7912333 | 10.460400 | 10.937066 | 1.0928 | 3.786883333 | 3.115933333 | 0.999493333 | 4.66866 | 5.145326667 | 2 |
| 34546 | COL27A1 | collagen, ty | 6.1889900 | 7.1130433 | 8.8562600 | 8.1150000 | 6.8911100 | 8.2208899 | 9.0016633 | 0.924053333 | 2.66727 | 1.92601 | 0.70212 | 2.0319 | 2.812673333 | 2 |
| 36195 | CPEB2 | cytoplasmi | 6.6316233 | 7.8635966 | 8.6281733 | 8.4746266 | 7.8744333 | 9.1306933 | 9.2719733 | 1.231973333 | 1.99655 | 1.843003333 | 1.24281 | 2.49907 | 2.64035 | 2 |
| 44841 | SSTR1 | somatostat | 6.5144333 | 7.5343533 | 9.0498900 | 8.6156799 | 7.2272733 | 8.2344733 | 8.9207666 | 1.01992 | 2.535456667 | 2.101246667 | 0.71284 | 1.72004 | 2.406333333 | 2 |
| 46685 | --- | --- | 5.8764900 | 7.7442300 | 8.4498900 | 8.4895766 | 8.3985766 | 8.8113900 | 9.0294833 | 1.86774 | 2.5734 | 2.613086667 | 2.522086667 | 2.9349 | 3.152993333 | 2 |
| 49417 | LOC15274 | hypothetic | 6.6678933 | 6.7129233 | 9.1528500 | 8.5461533 | 6.9378966 | 9.2975599 | 10.390933 | 0.04503 | 2.484956667 | 1.87826 | 0.270003333 | 2.629666667 | 3.72304 | 2 |
| 52036 | LOC28310 | hypothetic | 7.0623533 | 6.5281566 | 10.156303 | 9.8392800 | 6.4610066 | 8.4349799 | 9.4710833 | -0.534196667 | 3.09395 | 2.776926667 | -0.601346667 | 1.372626667 | 2.40873 | 2 |
| 14410 | CENPA | centromer | 9.7835033 | 10.066096 | 7.3313866 | 7.7904633 | 10.022813 | 8.1170366 | 7.2933233 | 0.282593333 | -2.452116667 | -1.99304 | 0.23931 | -1.666466667 | -2.49018 | 3 |
| 16612 | HMMR | hyaluronar | 11.328066 | 11.422633 | 8.7158566 | 9.3650166 | 11.215166 | 9.4636433 | 8.3949599 | 0.094566667 | -2.61221 | -1.96305 | -0.1129 | -1.864423333 | -2.933106667 | 3 |
| 17266 | ID3 | inhibitor o | 9.0490566 | 11.425966 | 8.7188433 | 9.6664666 | 11.658933 | 10.308133 | 8.4275766 | 2.37691 | -0.330213333 | 0.61741 | 2.609876667 | 1.259076667 | -0.62148 | 3 |
| 17744 | RBM3 | RNA bindir | 11.748033 | 11.422499 | 8.6392466 | 8.5934633 | 11.359466 | 9.0135133 | 9.1707466 | -0.325533333 | -3.108786667 | -3.15457 | -0.388566667 | -2.73452 | -2.577286667 | 3 |
| 18160 | HSPH1 | heat shock | 8.5480433 | 11.233466 | 8.9453300 | 9.3680233 | 10.962533 | 9.2377699 | 8.3776633 | 2.685423333 | 0.397286667 | 0.81998 | 2.41449 | 0.689726667 | -0.17038 | 3 |
| 18353 | ID1 | inhibitor o | 8.8217866 | 11.299433 | 6.2673966 | 7.8004133 | 11.563666 | 7.9568900 | 5.5903233 | 2.477646667 | -2.55439 | -1.021373333 | 2.74188 | -0.864896667 | -3.231463333 | 3 |
| 19118 | HMMR | hyaluronar | 9.6464599 | 9.8055799 | 6.8199200 | 7.5690633 | 9.5445100 | 7.6645233 | 6.5196400 | 0.15912 | -2.82654 | -2.077396667 | -0.10195 | -1.981936667 | -3.12682 | 3 |
| 27852 | CHORDC1 | cysteine ar | 8.4907166 | 11.057066 | 8.7718966 | 9.2546066 | 10.933233 | 9.3321666 | 8.8514000 | 2.56635 | 0.28118 | 0.76389 | 2.442516667 | 0.84145 | 0.360683333 | 3 |
| 28040 | KIF20A | kinesin fam | 10.307466 | 10.510533 | 7.5247366 | 7.9004833 | 10.367666 | 8.1128600 | 7.1760066 | 0.203066667 | -2.78273 | -2.406983333 | 0.0602 | -2.194606667 | -3.13146 | 3 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36013 | IFIT2 | interferon- | 10.783266 | 10.602133 | 7.8440266 | 10.006146 | 10.383466 | 9.7442300 | 6.9632133 | -0.181133333 | -2.93924 | -0.77712 | -0.3998 | -1.039036667 | -3.820053333 | 3 |
| 12030 | HSPA1A //, | heat shock | 9.2846333 | 12.096500 | 9.3060466 | 9.2676900 | 12.063300 | 9.3117933 | 8.7550533 | 2.811866667 | 0.021413333 | -0.016943333 | 2.778666667 | 0.02716 | -0.52958 | 3 |
| 12319 | CDC20 | cell divisio | 11.068533 | 11.113733 | 8.2292000 | 8.9327200 | 11.134500 | 8.8754466 | 8.0084366 | 0.0452 | -2.839333333 | -2.135813333 | 0.065966667 | -2.193086667 | -3.060096667 | 3 |
| 12602 | IFIT1 | interferon- | 10.801033 | 10.683500 | 8.1088033 | 9.9243366 | 10.324666 | 9.8996066 | 7.6222633 | -0.117533333 | -2.69223 | -0.876696667 | -0.476366667 | -0.901426667 | -3.17877 | 3 |
| 13212 | DLGAP5 | discs, large | 10.454566 | 10.416466 | 7.6487966 | 8.2306833 | 10.310966 | 8.4169933 | 7.6020400 | -0.0381 | -2.80577 | -2.223883333 | -0.1436 | -2.037573333 | -2.852526667 | 3 |
| 10248 | HSPA1A | heat shock | 10.913766 | 13.629900 | 10.933966 | 11.046766 | 13.587433 | 11.039633 | 10.376300 | 2.716133333 | 0.0202 | 0.133 | 2.673666667 | 0.125866667 | -0.537466667 | 4 |
| 10249 | HSPA1A //, | heat shock | 10.017706 | 13.477033 | 10.100883 | 10.150153 | 13.346533 | 10.107553 | 9.5208133 | 3.459326667 | 0.083176667 | 0.132446667 | 3.328826667 | 0.089846667 | -0.496893333 | 4 |
| 12077 | SERPINE1 | serpin pep | 10.869433 | 12.075933 | 12.286200 | 12.131533 | 12.802566 | 13.229466 | 13.207533 | 1.2065 | 1.416766667 | 1.2621 | 1.933133333 | 2.360033333 | 2.3381 | 4 |
| 16423 | HSPH1 | heat shock | 9.7572133 | 12.251166 | 10.400499 | 10.655099 | 12.160299 | 10.750366 | 10.147533 | 2.493953333 | 0.643286667 | 0.897886667 | 2.403086667 | 0.993153333 | 0.39032 | 4 |
| 316 | CARD16 | caspase re | 3.7235500 | 3.3428833 | 6.3420000 | 6.4535266 | 3.4320466 | 6.8131999 | 7.1116966 | -0.380666667 | 2.61845 | 2.729976667 | -0.291503333 | 3.08965 | 3.388146667 | 5 |
| 1499 | C1orf187 | chromosor | 4.6556033 | 5.5085433 | 7.9330366 | 7.802223 | 5.6831866 | 7.6044033 | 7.5776333 | 0.85294 | 3.277433333 | 3.14662 | 1.027583333 | 2.9488 | 2.92203 | 5 |
| 4098 | FN1 | fibronectin | 5.9133366 | 6.4640333 | 7.4140299 | 7.2574599 | 7.2663433 | 8.2901566 | 8.5927900 | 0.550696667 | 1.500693333 | 1.344123333 | 1.353006667 | 2.37682 | 2.679453333 | 5 |
| 10400 | CCND2 | cyclin D2 | 6.0097133 | 5.3066333 | 8.4271833 | 8.6134533 | 5.4533500 | 7.5484633 | 7.7392166 | -0.70308 | 2.41747 | 2.60374 | -0.556363333 | 1.53875 | 1.729503333 | 5 |
| 11292 | EFEMP1 | EGF-contai | 5.3833766 | 6.3853933 | 6.9199866 | 7.6314700 | 6.9946633 | 9.5819833 | 9.0874233 | 1.002016667 | 1.53661 | 2.248093333 | 1.611286667 | 4.198606667 | 3.704046667 | 5 |
| 11431 | PAPPA | pregnancy- | 5.1076833 | 5.1230966 | 6.8276133 | 6.7425566 | 5.0021433 | 7.7301199 | 7.4435933 | 0.015413333 | 1.71993 | 1.634873333 | -0.10554 | 2.622436667 | 2.33591 | 5 |
| 11524 | PLTP | phospholip | 5.6899500 | 5.1115033 | 8.0973833 | 7.6251433 | 5.4693900 | 8.0649700 | 8.2238666 | -0.578446667 | 2.407433333 | 1.935193333 | -0.22056 | 2.37502 | 2.533916667 | 5 |
| 11535 | MX1 | myxovirus | 9.3982133 | 6.9618166 | 6.9147133 | 8.1580933 | 7.3093200 | 8.2670466 | 6.3168333 | -2.436396667 | -2.4835 | -1.24012 | -2.088893333 | -1.131166667 | -3.08138 | 5 |
| 12398 | IL1R1 | interleukin | 5.8688866 | 5.4058233 | 5.7583800 | 5.9033233 | 7.0755666 | 8.7345633 | 8.5184666 | -0.463063333 | -0.110506667 | 0.034436667 | 1.20668 | 2.865676667 | 2.64958 | 5 |
| 12780 | INPP5D | inositol pol | 6.3934433 | 5.2931066 | 8.9124300 | 8.1773000 | 6.0598266 | 8.1244466 | 9.1749533 | -1.100336667 | 2.518986667 | 1.783856667 | -0.333616667 | 1.731003333 | 2.78151 | 5 |
| 13010 | FEZ1 | fasciculatic | 5.3673166 | 4.8414966 | 7.6130233 | 7.4227633 | 5.3206366 | 7.7249133 | 7.8755799 | -0.52582 | 2.245706667 | 2.055446667 | -0.04668 | 2.357596667 | 2.508263333 | 5 |
| 13562 | NID2 | nidogen 2 ( | 6.0419200 | 6.2992433 | 6.4309166 | 6.5373966 | 6.1692366 | 8.6507766 | 8.8151400 | 0.257323333 | 0.388996667 | 0.495476667 | 0.127316667 | 2.608856667 | 2.77322 | 5 |
| 13622 | ALOX5AP | arachidona | 5.4081366 | 5.0135833 | 5.7073700 | 5.5978733 | 6.5082233 | 8.4228900 | 7.8691999 | -0.394553333 | 0.299233333 | 0.189736667 | 1.100086667 | 3.014753333 | 2.461063333 | 5 |
| 13768 | COL11A1 | collagen, ty | 4.8260900 | 4.6386100 | 6.9088233 | 6.0403566 | 4.5496200 | 7.4565800 | 8.1933600 | -0.18748 | 2.082733333 | 1.214266667 | -0.27647 | 2.63049 | 3.36727 | 5 |
| 14146 | ISG20 | interferon | 8.8291233 | 8.0933700 | 6.1791600 | 7.5120800 | 7.6785833 | 6.8840300 | 5.8599366 | -0.735753333 | -2.649963333 | -1.317043333 | -1.15054 | -1.945093333 | -2.969186667 | 5 |
| 14278 | PSG5 | pregnancy | 4.7702833 | 5.2112400 | 8.2254533 | 7.6689433 | 5.0825833 | 6.9265000 | 8.3753499 | 0.440956667 | 3.45517 | 2.89866 | 0.3123 | 2.156216667 | 3.605066667 | 5 |
| 14947 | SRPX2 | sushi-repe | 6.2996333 | 6.5501900 | 8.0427533 | 7.9573466 | 6.6774566 | 8.8561666 | 8.6543566 | 0.250556667 | 1.74312 | 1.657713333 | 0.377823333 | 2.556533333 | 2.354723333 | 5 |
| 15108 | OASL | 2'-5'-oligoa | 8.7344533 | 8.2890500 | 5.9914733 | 8.1160433 | 7.8423733 | 8.0194566 | 5.7808100 | -0.445403333 | -2.74298 | -0.61841 | -0.89208 | -0.714996667 | -2.953643333 | 5 |
| 15611 | CLCA2 | chloride ch | 4.5812666 | 4.6055466 | 7.2463700 | 6.5201433 | 4.4653633 | 6.3450000 | 7.2395366 | 0.02428 | 2.665103333 | 1.938876667 | -0.115903333 | 1.763733333 | 2.65827 | 5 |
| 15612 | CLCA2 | chloride ch | 4.6970400 | 4.2393300 | 8.9390333 | 8.0321200 | 4.4677466 | 7.8884533 | 8.9293900 | -0.45771 | 4.241993333 | 3.33508 | -0.229293333 | 3.191413333 | 4.23235 | 5 |
| 15613 | CLCA2 | chloride ch | 3.9949166 | 4.0818400 | 7.3270133 | 6.7885600 | 4.0603266 | 6.5390100 | 7.5614500 | 0.086923333 | 3.332096667 | 2.793643333 | 0.06541 | 2.544093333 | 3.566533333 | 5 |
| 15879 | HAS2 | hyaluronar | 5.9589166 | 7.2761033 | 9.2217533 | 8.5332700 | 5.7049366 | 7.9259966 | 8.0676366 | 1.317186667 | 3.262836667 | 2.574353333 | -0.25398 | 1.96708 | 2.10872 | 5 |
| 15887 | LIN7A | lin-7 homo | 4.3413700 | 4.9014033 | 5.8447333 | 6.0546966 | 5.1416366 | 6.8604099 | 6.7185733 | 0.560033333 | 1.503363333 | 1.713326667 | 0.800266667 | 2.51904 | 2.377203333 | 5 |
| 16078 | PTGER2 | prostaglan | 5.2395800 | 5.8978866 | 5.1337433 | 5.0794133 | 7.2509733 | 8.2557133 | 8.3086533 | 0.658306667 | -0.105836667 | -0.160166667 | 2.011393333 | 3.016133333 | 3.069073333 | 5 |
| 18513 | JAG1 | jagged 1 | 4.0562966 | 4.8060833 | 5.5449666 | 5.3741933 | 4.7898299 | 6.4861133 | 7.9101633 | 0.749786667 | 1.48867 | 1.317896667 | 0.733533333 | 2.429816667 | 3.853866667 | 5 |
| 18806 | ENPP2 | ectonucleo | 5.1925533 | 4.3854066 | 5.9913799 | 5.6394200 | 4.8617600 | 7.6411066 | 7.8827966 | -0.807146667 | 0.798826667 | 0.446866667 | -0.330793333 | 2.448553333 | 2.690243333 | 5 |
| 19102 | ASTN2 | astrotactin | 5.4648600 | 6.2818499 | 8.0053199 | 8.2607733 | 6.1216033 | 8.1008266 | 7.5786833 | 0.81699 | 2.54046 | 2.795913333 | 0.656743333 | 2.635966667 | 2.113823333 | 5 |
| 19927 | BIRC3 | baculoviral | 5.8020966 | 6.5852933 | 7.4934166 | 6.5985800 | 6.7689266 | 8.2861666 | 9.0207999 | 0.783196667 | 1.69132 | 0.796483333 | 0.96683 | 2.48407 | 3.218703333 | 5 |
| 20705 | CASP1 | caspase 1, | 4.2686199 | 3.4301266 | 6.2505099 | 6.2125766 | 3.5115533 | 7.1243666 | 6.9452333 | -0.838493333 | 1.98189 | 1.943956667 | -0.757066667 | 2.855746667 | 2.676613333 | 5 |
| 21864 | SPRY1 | sprouty ho | 4.9000933 | 4.8476133 | 5.6268933 | 5.7397766 | 5.6215333 | 7.5529766 | 8.3374966 | -0.05248 | 0.7268 | 0.839683333 | 0.72144 | 2.652883333 | 3.437403333 | 5 |
| 23359 | IFI44 | Interferon- | 8.1607900 | 7.4896966 | 5.7351166 | 7.1115300 | 7.3032866 | 7.0685800 | 5.4910666 | -0.671093333 | -2.425673333 | -1.04926 | -0.857503333 | -1.09221 | -2.669723333 | 5 |
| 24702 | ASTN2 | astrotactin | 5.5735966 | 6.0976666 | 7.9570400 | 8.0590733 | 6.0928200 | 7.8438800 | 7.5118600 | 0.52407 | 2.383443333 | 2.485476667 | 0.519223333 | 2.270283333 | 1.938263333 | 5 |
| 26131 | LAMA2 | laminin, al | 5.1318966 | 4.7995600 | 5.5268500 | 5.0065300 | 5.1129566 | 7.5941433 | 9.4921233 | -0.332336667 | 0.394953333 | -0.125366667 | -0.01894 | 2.462246667 | 4.360226667 | 5 |
| 26788 | IFIT2 | interferon- | 8.5495300 | 8.6785300 | 5.8179633 | 8.0813766 | 8.1041499 | 7.5169033 | 5.7750466 | 0.129 | -2.731566667 | -0.468153333 | -0.44538 | -1.032626667 | -2.774483333 | 5 |
| 26814 | CLCA2 | chloride ch | 4.4281666 | 4.3199566 | 8.4319966 | 7.5149900 | 4.0785333 | 7.3720900 | 8.5247566 | -0.10821 | 4.00383 | 3.086823333 | -0.349633333 | 2.943923333 | 4.09659 | 5 |
| 26860 | CDH8 | cadherin 8, | 4.4202966 | 5.3200933 | 6.8741300 | 7.0176500 | 5.0902833 | 7.1976933 | 7.3343166 | 0.899796667 | 2.453833333 | 2.597353333 | 0.669986667 | 2.777396667 | 2.91402 | 5 |
| 29301 | AHNAK | AHNAK nu | 8.8372066 | 8.5739833 | 6.0617733 | 6.5780033 | 8.5346433 | 6.7151100 | 6.2180333 | -0.263223333 | -2.775433333 | -2.259203333 | -0.302563333 | -2.122096667 | -2.619173333 | 5 |
| 29400 | CDH10 | cadherin 1 | 4.0726266 | 4.3933433 | 7.0922133 | 6.7368066 | 4.5172766 | 6.5739166 | 6.9825300 | 0.320716667 | 3.019586667 | 2.66418 | 0.44465 | 2.50129 | 2.909903333 | 5 |
| 30071 | SLC38A4 | solute carr | 6.0309500 | 6.6268533 | 7.3749766 | 7.5989166 | 7.5403966 | 8.8650766 | 8.7502400 | 0.595903333 | 1.344026667 | 1.567966667 | 1.509446667 | 2.834126667 | 2.71929 | 5 |
| 31122 | KLF4 | Kruppel-lik | 8.4069666 | 7.1316766 | 5.7670600 | 7.6551033 | 6.7881300 | 7.4652266 | 6.0216266 | -1.27529 | -2.639906667 | -0.751863333 | -1.618836667 | -0.94174 | -2.38534 | 5 |
| 35958 | CMPK2 | cytidine m | 8.2575000 | 6.6407433 | 5.0734233 | 7.2817066 | 6.3756800 | 6.9016100 | 4.3485366 | -1.616756667 | -3.184076667 | -0.975793333 | -1.88182 | -1.35589 | -3.908963333 | 5 |
| 37184 | --- | --- | 5.6469733 | 6.1713866 | 7.7301133 | 7.6688333 | 6.4957233 | 8.6098066 | 9.1587766 | 0.524413333 | 2.08314 | 2.02186 | 0.84875 | 2.962833333 | 3.511803333 | 5 |
| 37203 | FGD4 | FYVE, Rho | 5.2406600 | 4.8554299 | 5.9843766 | 5.2161266 | 6.4218233 | 7.7520566 | 9.0503300 | -0.38523 | 0.743716667 | -0.024533333 | 1.181163333 | 2.511396667 | 3.80967 | 5 |
| 38586 | SPATA18 | spermatog | 4.6913500 | 4.5050400 | 7.1827833 | 6.6267300 | 4.7226466 | 7.4131900 | 8.7159033 | -0.18631 | 2.491433333 | 1.93538 | 0.031296667 | 2.72184 | 4.024553333 | 5 |
| 40434 | IP6K3 | inositol he | 5.6805100 | 5.1055066 | 7.4817666 | 6.9648966 | 6.6125100 | 8.6136166 | 8.9085699 | -0.575003333 | 1.801256667 | 1.284386667 | 0.932 | 2.933106667 | 3.22806 | 5 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40438 | JAG1 | Jagged 1 (A | 5.1161433 | 6.3373200 | 7.1620533 | 6.9195466 | 6.2784300 | 7.8209766 | 8.9387133 | 1.221176667 | 2.04591 | 1.803403333 | 1.162286667 | 2.704833333 | 3.82257 | 5 |
| 40733 | PDE4C | phosphodi | 3.4612066 | 3.6545433 | 6.6613766 | 6.3987900 | 4.0166233 | 7.6904233 | 8.3638566 | 0.193336667 | 3.20017 | 2.937583333 | 0.555416667 | 4.229216667 | 4.90265 | 5 |
| 41030 | TNFRSF10A | tumor necr | 5.7961533 | 5.9824966 | 7.5826933 | 7.2681766 | 6.3247066 | 8.1531633 | 8.5720900 | 0.186343333 | 1.78654 | 1.472023333 | 0.528553333 | 2.35701 | 2.775936667 | 5 |
| 42002 | PAPPA | pregnancy- | 3.9167533 | 4.0827566 | 5.8685566 | 5.2428300 | 4.4617700 | 6.4094833 | 7.4087733 | 0.166003333 | 1.951803333 | 1.326076667 | 0.545016667 | 2.49273 | 3.49202 | 5 |
| 42807 | SULF2 | sulfatase 2 | 4.8764066 | 4.7336133 | 7.4975533 | 7.2630333 | 5.0014666 | 7.6628266 | 7.7644566 | -0.142793333 | 2.621146667 | 2.386626667 | 0.12506 | 2.78642 | 2.88805 | 5 |
| 44911 | --- | --- | 5.7006700 | 5.7331933 | 8.2282666 | 7.5756233 | 5.1648966 | 7.0455233 | 8.0620166 | 0.032523333 | 2.527596667 | 1.874953333 | -0.535773333 | 1.344853333 | 2.361346667 | 5 |
| 46456 | MYOCD | myocardin | 4.5239166 | 6.6812700 | 7.8670900 | 7.2650633 | 5.7769066 | 6.8730000 | 7.0027366 | 2.157353333 | 3.343173333 | 2.741146667 | 1.25299 | 2.349083333 | 2.47882 | 5 |
| 49478 | CSMD3 | CUB and S | 4.6779100 | 4.7342200 | 7.6142433 | 6.7947500 | 4.5790500 | 6.3417900 | 7.5956166 | 0.05631 | 2.936333333 | 2.11684 | -0.09886 | 1.66388 | 2.917706667 | 5 |
| 49494 | --- | --- | 7.3703866 | 4.5953399 | 7.0192666 | 7.2661933 | 5.0178000 | 6.8773599 | 6.8596266 | -2.775046667 | -0.35112 | -0.104193333 | -2.352586667 | -0.493026667 | -0.51076 | 5 |
| 49700 | --- | --- | 4.0478066 | 4.9569166 | 7.4660100 | 6.8751133 | 5.3384433 | 8.3604299 | 8.8506966 | 0.90911 | 3.418203333 | 2.827306667 | 1.290636667 | 4.312623333 | 4.80289 | 5 |
| 52337 | WDR63 | WD repeat | 4.0056633 | 4.3365866 | 6.6398100 | 6.6774133 | 4.3529400 | 6.8626366 | 6.8874266 | 0.330923333 | 2.634146667 | 2.67175 | 0.347276667 | 2.856973333 | 2.881763333 | 5 |
| 54181 | ISG20 | interferon | 8.6837433 | 7.8296500 | 6.0065866 | 7.1865100 | 7.5012400 | 6.7145933 | 5.6445266 | -0.854093333 | -2.677156667 | -1.497233333 | -1.182503333 | -1.96915 | -3.039216667 | 5 |
| 54295 | COL11A1 | collagen, t | 4.4607766 | 4.3241166 | 7.0951633 | 5.9864900 | 4.2567333 | 7.6612566 | 8.4583600 | -0.13666 | 2.634386667 | 1.525713333 | -0.204043333 | 3.20048 | 3.997583333 | 5 |
| 1902 | ABCD3 | ATP-bindin | 6.9419200 | 7.0768933 | 4.2969500 | 4.6005433 | 6.0186566 | 4.7257600 | 4.3012433 | 0.134973333 | -2.64497 | -2.341376667 | -0.923263333 | -2.21616 | -2.640676667 | 6 |
| 4493 | LOC100128 | hypothetic | 3.3737900 | 3.3241866 | 5.7093900 | 4.2517333 | 3.1773800 | 4.2580400 | 5.8535333 | -0.049603333 | 2.3356 | 0.877943333 | -0.19641 | 0.88425 | 2.479743333 | 6 |
| 10401 | CCND2 | cyclin D2 | 4.2809533 | 3.8603433 | 6.6247866 | 6.7490433 | 4.4266700 | 5.5246966 | 5.8863433 | -0.42061 | 2.343833333 | 2.46809 | 0.145716667 | 1.243743333 | 1.60539 | 6 |
| 11825 | SERPINA3 | serpin pep | 4.6655433 | 4.3592200 | 4.6896433 | 4.6166433 | 4.9424066 | 7.3180200 | 7.0602033 | -0.306323333 | 0.0241 | -0.0489 | 0.276863333 | 2.652476667 | 2.39466 | 6 |
| 15459 | CASP1 | caspase 1, | 3.6083266 | 3.4074000 | 5.8398466 | 5.1953933 | 3.4870400 | 6.1573733 | 6.5849033 | -0.200926667 | 2.23152 | 1.587066667 | -0.121286667 | 2.549046667 | 2.976576667 | 6 |
| 16034 | CCT6B | chaperonir | 5.8899366 | 4.4346233 | 3.6076866 | 3.5556766 | 4.5440733 | 3.6363200 | 3.5191966 | -1.455313333 | -2.28225 | -2.33426 | -1.345863333 | -2.253616667 | -2.37074 | 6 |
| 19975 | INHBE | inhibin, be | 6.2179766 | 3.7641000 | 4.4657933 | 4.7804800 | 3.7040000 | 4.6776700 | 3.8657800 | -2.453876667 | -1.752183333 | -1.437496667 | -2.513976667 | -1.540306667 | -2.352196667 | 6 |
| 29074 | NPR3 | natriuretic | 4.5493333 | 5.3328866 | 4.6095266 | 5.0176600 | 5.5802233 | 7.4944766 | 6.9255600 | 0.783553333 | 0.060193333 | 0.468326667 | 1.03089 | 2.945143333 | 2.376226667 | 6 |
| 31589 | LOC100506 | hypothetic | 6.6934133 | 5.5781200 | 4.2690600 | 4.3869300 | 5.4342766 | 4.7206700 | 4.0896000 | -1.115293333 | -2.424353333 | -2.306483333 | -1.259136667 | -1.972743333 | -2.603813333 | 6 |
| 32865 | THAP2 | THAP dom | 4.1674466 | 6.7447166 | 5.2230466 | 5.7121966 | 6.6898366 | 5.6075300 | 5.3798100 | 2.57727 | 1.0556 | 1.54475 | 2.52239 | 1.440083333 | 1.212363333 | 6 |
| 38109 | --- | --- | 2.9304466 | 2.9834033 | 2.8966000 | 2.9687066 | 3.0027033 | 6.2794466 | 7.4788499 | 0.052956667 | -0.033846667 | 0.03826 | 0.072256667 | 3.349 | 4.548403333 | 6 |
| 40759 | CCDC148 | coiled-coil | 4.2844833 | 4.2678800 | 7.0957566 | 6.6606800 | 3.9093466 | 4.3906633 | 4.5826033 | -0.016603333 | 2.811273333 | 2.376196667 | -0.375136667 | 0.10618 | 0.29812 | 6 |
| 44294 | CYYR1 | cysteine/ty | 3.3003566 | 3.5154633 | 5.3824900 | 5.5296566 | 3.6530033 | 5.8286100 | 5.7180100 | 0.215106667 | 2.082133333 | 2.2293 | 0.352646667 | 2.528253333 | 2.417653333 | 6 |
| 48169 | --- | --- | 3.5336566 | 4.1228100 | 4.0135266 | 4.2537166 | 5.2423533 | 6.1152500 | 6.6553066 | 0.589153333 | 0.47987 | 0.72006 | 1.708696667 | 2.581593333 | 3.12165 | 6 |
| 48900 | NCKAP5 | NCK-associ | 3.1536766 | 3.3425566 | 5.7638466 | 5.5528100 | 2.9320000 | 5.4073299 | 6.7246633 | 0.18888 | 2.61017 | 2.399133333 | -0.221676667 | 2.253653333 | 3.570986667 | 6 |