

| Entrez Gene ID | Symbol  | Gene Name   | Fold Change (log2(Recurrence/N onRecurrence)) |
|----------------|---------|---|---|
| 324            | APC     | adenomatous polyposis coli  | 0.494545655                                   |
| 580            | BARD1   | BRCA1 associated RING domain 1  | 0.669903653                                   |
| 660            | BMX     | BMX non-receptor tyrosine kinase  | -0.238669308                                  |
| 815            | CAMK2A  | calcium/calmodulin-dependent protein kinase II alpha  | -0.559476431                                  |
| 836            | CASP3   | caspase 3, apoptosis-related cysteine peptidase   | 0.391312192                                   |
| 867            | CBL     | Cas-Br-M (murine) ecotropic retroviral transforming sequence  | -0.163432692                                  |
| 958            | CD40    | CD40 molecule, TNF receptor superfamily member 5  | -0.553882674                                  |
| 1103           | CHAT    | choline acetyltransferase   | -0.658177837                                  |
| 1432           | MAPK14  | mitogen-activated protein kinase 14   | 0.414557136                                   |
| 1477           | CSTF1   | cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa   | 0.566485265                                   |
| 1965           | EIF2S1  | eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa  | 0.477091261                                   |
| 2002           | ELK1    | ELK1, member of ETS oncogene family   | -0.337182511                                  |
| 2100           | ESR2    | estrogen receptor 2 (ER beta)   | -0.316795144                                  |
| 2107           | ETF1    | eukaryotic translation termination factor 1   | 0.481736773                                   |
| 2113           | ETS1    | v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)   | -0.202972349                                  |
| 2185           | PTK2B   | PTK2B protein tyrosine kinase 2 beta  | -0.309628449                                  |
| 2623           | GATA1   | GATA binding protein 1 (globin transcription factor 1)  | -0.354062705                                  |
| 2764           | GMFB    | glia maturation factor, beta  | 0.622974522                                   |
| 2885           | GRB2    | growth factor receptor-bound protein 2  | 0.334706637                                   |
| 3066           | HDAC2   | histone deacetylase 2   | 0.517571615                                   |
| 3172           | HNF4A   | hepatocyte nuclear factor 4, alpha  | -0.507728369                                  |
| 3309           | HSPA5   | hypothetical gene supported by AF216292; NM_005347; heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) | 0.43522888                                    |
| 3737           | KCNA2   | potassium voltage-gated channel, shaker-related subfamily,  | -0.275481283                                  |
| 4141           | MARS    | methionyl-tRNA synthetase   | 0.544162011                                   |
| 4261           | CIITA   | class II, major histocompatibility complex, transactivator  | -0.316673373                                  |
| 4287           | ATXN3   | ataxin 3  | -0.625614449                                  |
| 5079           | PAX5    | paired box 5  | -0.334259408                                  |
| 5296           | PIK3R2  | phosphoinositide-3-kinase, regulatory subunit 2 (beta)  | -0.314893224                                  |
| 5465           | PPARA   | peroxisome proliferator-activated receptor alpha  | -0.262570187                                  |
| 5468           | PPARG   | peroxisome proliferator-activated receptor gamma  | -0.37563578                                   |
| 5469           | MED1    | mediator complex subunit 1  | 0.434624765                                   |
| 5515           | PPP2CA  | protein phosphatase 2 (formerly 2A), catalytic subunit, alpha   | 0.473272859                                   |
| 5578           | PRKCA   | protein kinase C, alpha   | -0.266285584                                  |
| 5581           | PRKCE   | protein kinase C, epsilon   | -0.215710925                                  |
| 5594           | MAPK1   | mitogen-activated protein kinase 1  | 0.430039695                                   |
| 5599           | MAPK8   | mitogen-activated protein kinase 8  | -0.289449155                                  |
| 5888           | RAD51   | RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)   | -0.296776052                                  |
| 6198           | RPS6KB1 | ribosomal protein S6 kinase, 70kDa, polypeptide 1   | 0.635406401                                   |
| 6258           | RXRG    | retinoid X receptor, gamma  | -0.358083994                                  |
| 6303           | SAT1    | spermidine/spermine N1-acetyltransferase 1  | 0.507060898                                   |
| 6714           | SRC     | v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog   | -0.224843024                                  |
| 6722           | SRF     | serum response factor (c-fos serum response element-binding   | -0.30968953                                   |

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|--------|----------|---|--------------|
| 6731   | SRP72    | signal recognition particle 72kDa   | 0.673963217  |
| 6850   | SYK      | spleen tyrosine kinase  | 0.308069919  |
| 7067   | THRA     | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian) | -0.53426729  |
| 7080   | NKX2-1   | NK2 homeobox 1  | -0.405983748 |
| 7353   | UFD1L    | ubiquitin fusion degradation 1 like (yeast)   | 0.83766419   |
| 7415   | VCP      | valosin-containing protein  | 0.427159341  |
| 7535   | ZAP70    | zeta-chain (TCR) associated protein kinase 70kDa  | -0.292570889 |
| 8648   | NCOA1    | nuclear receptor coactivator 1  | 0.355485315  |
| 8805   | TRIM24   | tripartite motif-containing 24  | 0.479763339  |
| 9001   | HAP1     | huntingtin-associated protein 1   | -0.228286268 |
| 9276   | COPB2    | coatamer protein complex, subunit beta 2 (beta prime)   | 0.561322315  |
| 9282   | MED14    | mediator complex subunit 14   | 0.417501791  |
| 9451   | EIF2AK3  | eukaryotic translation initiation factor 2-alpha kinase 3   | 0.562898053  |
| 9869   | SETDB1   | SET domain, bifurcated 1  | -0.352158306 |
| 10603  | SH2B2    | SH2B adaptor protein 2  | -0.603646751 |
| 22929  | SEPHS1   | selenophosphate synthetase 1; similar to selenophosphate  | 0.433867563  |
| 23309  | SIN3B    | SIN3 homolog B, transcription regulator (yeast)   | -0.475896097 |
| 23542  | MAPK8IP2 | mitogen-activated protein kinase 8 interacting protein 2  | -0.482792504 |
| 23549  | DNPEP    | aspartyl aminopeptidase   | -0.620339325 |
| 25843  | MOBK13   | MOB1, Mps One Binder kinase activator-like 3 (yeast)  | 0.654869421  |
| 30836  | DNTTIP2  | deoxynucleotidyltransferase, terminal, interacting protein 2                                      | 0.414861015  |
| 54431  | DNAJC10  | DnaJ (Hsp40) homolog, subfamily C, member 10  | 0.604693662  |
| 54900  | LAX1     | lymphocyte transmembrane adaptor 1  | -0.505517453 |
| 79139  | DERL1    | Der1-like domain family, member 1   | 0.650758221  |
| 112950 | MED8     | mediator complex subunit 8  | 0.352451235  |

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