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|  | 11P15  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Symbol | Name | Sequence ID | Normal Seq | Cancer Seq | Total Normal | Total Cancer | Normal Total -Seq | Cancer Total -Seq | Chi Square | P-Value | Odds Ratio | Inverse Ratio | | LDHA | lactate dehydrogenase A | NM\_005566 | 11 | 124 | 36030 | 61513 | 36019 | 61389 | 48.1018471654725 | 4.04645115015016E-12 | 0.151192381440261 | 6.61408987988668 | | HBB | hemoglobin, beta | NM\_000518 | 15 | 1 | 36030 | 61513 | 36015 | 61512 | 22.1737538156858 | 2.49055323946104E-06 | 25.6193252811329 | 0.039033034204708 | | NAP1L4 | nucleosome assembly protein 1-like 4 | NM\_005969 | 21 | 6 | 36030 | 61513 | 36009 | 61507 | 19.3384307521553 | 0.0000109480543965868 | 5.97835263406371 | 0.167270159726303 | | RPS13 | ribosomal protein S13 | NM\_001017 | 3 | 42 | 36030 | 61513 | 36027 | 61471 | 17.7102346470885 | 0.0000257238835704861 | 0.1218748636935 | 8.20513738185486 | | RPL27A | ribosomal protein L27a | NM\_000990 | 1 | 32 | 36030 | 61513 | 36029 | 61481 | 16.293228374031 | 0.0000542575005213879 | 0.0533259665824752 | 18.7525902311283 | | SIRT3 | sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 3 | NM\_012239 | 6 | 0 | 36030 | 61513 | 36024 | 61513 | 10.244260446197 | 0.00137110549273085 | #DIV/0! | #DIV/0! | | LSP1 | lymphocyte-specific protein 1 | NM\_002339 | 5 | 0 | 36030 | 61513 | 36025 | 61513 | 8.53679618149436 | 0.00348037713633153 | #DIV/0! | #DIV/0! | | CD81 | CD81 antigen (target of antiproliferative antibody 1) | NM\_004356 | 19 | 12 | 36030 | 61513 | 36011 | 61501 | 7.89509583826179 | 0.00495690145418962 | 2.70407884627845 | 0.369811701820852 | | KIAA0640 | SWAP-70 protein | AB014540 | 1 | 17 | 36030 | 61513 | 36029 | 61496 | 7.61158221416821 | 0.0057994579215326 | 0.100402780113405 | 9.95988356966307 | | STIM1 | stromal interaction molecule 1 | NM\_003156 | 4 | 0 | 36030 | 61513 | 36026 | 61513 | 6.82936692769536 | 0.00896710469779876 | #DIV/0! | #DIV/0! | | PARVA | parvin, alpha | NM\_018222 | 10 | 5 | 36030 | 61513 | 36020 | 61508 | 5.69223653894097 | 0.0170401248043253 | 3.41521377012771 | 0.292807439682643 | | ST5 | suppression of tumorigenicity 5 | NM\_005418 | 10 | 5 | 36030 | 61513 | 36020 | 61508 | 5.69223653894097 | 0.0170401248043253 | 3.41521377012771 | 0.292807439682643 | | TSSC1 | tumor suppressing subtransferable candidate 1 | NM\_003310 | 0 | 9 | 36030 | 61513 | 36030 | 61504 | 5.27205504821717 | 0.0216704177648984 | 0 | #DIV/0! | | HPX | hemopexin | NM\_000613 | 3 | 0 | 36030 | 61513 | 36027 | 61513 | 5.12197268372317 | 0.0236247490741312 | #DIV/0! | #DIV/0! | | LOC58486 | transposon-derived Buster1 transposase-like protein | NM\_021211 | 3 | 0 | 36030 | 61513 | 36027 | 61513 | 5.12197268372317 | 0.0236247490741312 | #DIV/0! | #DIV/0! | | ARHG | ras homolog gene family, member G (rho G) | NM\_001665 | 6 | 2 | 36030 | 61513 | 36024 | 61511 | 4.97599576076536 | 0.0257014064674628 | 5.1225016655563 | 0.195217115637853 | | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | NM\_002786 | 1 | 12 | 36030 | 61513 | 36029 | 61501 | 4.77389543127175 | 0.028894379380959 | 0.142248836585343 | 7.0299344726102 | | PSMD13 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 | NM\_002817 | 1 | 12 | 36030 | 61513 | 36029 | 61501 | 4.77389543127175 | 0.028894379380959 | 0.142248836585343 | 7.0299344726102 | | CD151 | CD151 antigen | NM\_004357 | 12 | 8 | 36030 | 61513 | 36018 | 61505 | 4.56762841238903 | 0.0325816452150264 | 2.56142761952357 | 0.390407283960654 | | TSG101 | tumor susceptibility gene 101 | NM\_006292 | 0 | 7 | 36030 | 61513 | 36030 | 61506 | 4.10040317821078 | 0.0428729938268969 | 0 | #DIV/0! | | NUP98 | nucleoporin 98kD | NM\_005387 | 4 | 1 | 36030 | 61513 | 36026 | 61512 | 3.9806195111307 | 0.0460266389710136 | 6.82973408094154 | 0.146418584991546 | | PKP3 | plakophilin 3 | NM\_007183 | 4 | 1 | 36030 | 61513 | 36026 | 61512 | 3.9806195111307 | 0.0460266389710136 | 6.82973408094154 | 0.146418584991546 | | RRAS2 | related RAS viral (r-ras) oncogene homolog 2 | NM\_012250 | 4 | 1 | 36030 | 61513 | 36026 | 61512 | 3.9806195111307 | 0.0460266389710136 | 6.82973408094154 | 0.146418584991546 | | DEAF1 | deformed epidermal autoregulatory factor 1 (Drosophila) | NM\_021008 | 6 | 3 | 36030 | 61513 | 36024 | 61510 | 3.4151318217432 | 0.0646012679927058 | 3.41494559182767 | 0.29283043407576 | | APBB1 | amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65) | NM\_001164 | 2 | 0 | 36030 | 61513 | 36028 | 61513 | 3.41461344850103 | 0.0646215604972965 | #DIV/0! | #DIV/0! | | SAA2 | serum amyloid A2 | NM\_030754 | 2 | 0 | 36030 | 61513 | 36028 | 61513 | 3.41461344850103 | 0.0646215604972965 | #DIV/0! | #DIV/0! | | SPON1 | spondin 1, (f-spondin) extracellular matrix protein | AB018305 | 2 | 0 | 36030 | 61513 | 36028 | 61513 | 3.41461344850103 | 0.0646215604972965 | #DIV/0! | #DIV/0! | | TRIM22 | tripartite motif-containing 22 | NM\_006074 | 2 | 0 | 36030 | 61513 | 36028 | 61513 | 3.41461344850103 | 0.0646215604972965 | #DIV/0! | #DIV/0! | | WEE1 | wee1+ (S. pombe) homolog | NM\_003390 | 8 | 5 | 36030 | 61513 | 36022 | 61508 | 3.37803759845352 | 0.0660706952343672 | 2.73201932152573 | 0.366029622162971 | | RPLP2 | ribosomal protein, large P2 | NM\_001004 | 15 | 13 | 36030 | 61513 | 36015 | 61500 | 3.32682927882065 | 0.0681581710208986 | 1.97033287412296 | 0.507528455284553 | | TALDO1 | transaldolase 1 | NM\_006755 | 1 | 9 | 36030 | 61513 | 36029 | 61504 | 3.11545831548855 | 0.0775526750000881 | 0.18967436725354 | 5.27219367845994 | | COPB | coatomer protein complex, subunit beta | NM\_016451 | 2 | 12 | 36030 | 61513 | 36028 | 61501 | 3.0843130130712 | 0.0790506591848187 | 0.284505569742052 | 3.51486967691582 | | C11orf15 | chromosome 11 open reading frame 15 | NM\_020644 | 0 | 5 | 36030 | 61513 | 36030 | 61508 | 2.9287993572466 | 0.0870121960998459 | 0 | #DIV/0! | | FANCF | Fanconi anemia, complementation group F | NM\_022725 | 0 | 5 | 36030 | 61513 | 36030 | 61508 | 2.9287993572466 | 0.0870121960998459 | 0 | #DIV/0! | | TAF10 | TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30 kD | NM\_006284 | 0 | 5 | 36030 | 61513 | 36030 | 61508 | 2.9287993572466 | 0.0870121960998459 | 0 | #DIV/0! | | ZNF195 | zinc finger protein 195 | NM\_007152 | 0 | 5 | 36030 | 61513 | 36030 | 61508 | 2.9287993572466 | 0.0870121960998459 | 0 | #DIV/0! | | MRPL23 | mitochondrial ribosomal protein L23 | NM\_021134 | 0 | 4 | 36030 | 61513 | 36030 | 61509 | 2.34301546423169 | 0.125845774875386 | 0 | #DIV/0! | | MUC6 | mucin 6, gastric | U97698 | 0 | 4 | 36030 | 61513 | 36030 | 61509 | 2.34301546423169 | 0.125845774875386 | 0 | #DIV/0! | | PDE3B | phosphodiesterase 3B, cGMP-inhibited | NM\_000922 | 0 | 4 | 36030 | 61513 | 36030 | 61509 | 2.34301546423169 | 0.125845774875386 | 0 | #DIV/0! | | PIK3C2A | phosphoinositide-3-kinase, class 2, alpha polypeptide | NM\_002645 | 4 | 2 | 36030 | 61513 | 36026 | 61511 | 2.27668452041722 | 0.131332409152553 | 3.41481152500972 | 0.29284193071158 | | DKK3 | dickkopf (Xenopus laevis) homolog 3 | NM\_013253 | 1 | 7 | 36030 | 61513 | 36029 | 61506 | 2.05117249694966 | 0.152089069524747 | 0.243874973731478 | 4.10046174356973 | | MGC2840 | hypothetical protein MGC2840 similar to a putative glucosyltransferase | NM\_024079 | 1 | 7 | 36030 | 61513 | 36029 | 61506 | 2.05117249694966 | 0.152089069524747 | 0.243874973731478 | 4.10046174356973 | | LMO1 | LIM domain only 1 (rhombotin 1) | NM\_002315 | 0 | 3 | 36030 | 61513 | 36030 | 61510 | 1.75724358236899 | 0.18496877253303 | 0 | #DIV/0! | | MUC5B | mucin 5, subtype B, tracheobronchial | U06711 | 0 | 3 | 36030 | 61513 | 36030 | 61510 | 1.75724358236899 | 0.18496877253303 | 0 | #DIV/0! | | OR7E12P | olfactory receptor, family 7, subfamily E, member 12 pseudogene | BG188947 | 0 | 3 | 36030 | 61513 | 36030 | 61510 | 1.75724358236899 | 0.18496877253303 | 0 | #DIV/0! | | PTDSS2 | phosphatidylserine synthase 2 | NM\_030783 | 0 | 3 | 36030 | 61513 | 36030 | 61510 | 1.75724358236899 | 0.18496877253303 | 0 | #DIV/0! | | TSSC4 | tumor suppressing subtransferable candidate 4 | NM\_005706 | 0 | 3 | 36030 | 61513 | 36030 | 61510 | 1.75724358236899 | 0.18496877253303 | 0 | #DIV/0! | | ABCC8 | ATP-binding cassette, sub-family C (CFTR/MRP), member 8 | NM\_000352 | 1 | 0 | 36030 | 61513 | 36029 | 61513 | 1.7072892209522 | 0.191337553114731 | #DIV/0! | #DIV/0! | | TUB | tubby (mouse) homolog | NM\_003320 | 1 | 0 | 36030 | 61513 | 36029 | 61513 | 1.7072892209522 | 0.191337553114731 | #DIV/0! | #DIV/0! | | TRIM3 | tripartite motif-containing 3 | NM\_006458 | 6 | 5 | 36030 | 61513 | 36024 | 61508 | 1.4642585793566 | 0.226253861477029 | 2.04890073284477 | 0.488066592963517 | | H19 | H19, imprinted maternally expressed untranslated mRNA | BC004532 | 10 | 26 | 36030 | 61513 | 36020 | 61487 | 1.29716061576616 | 0.254732678192022 | 0.65654764447102 | 1.52311870801958 | | POLR2L | polymerase (RNA) II (DNA directed) polypeptide L (7.6kD) | NM\_021128 | 2 | 8 | 36030 | 61513 | 36028 | 61505 | 1.23170597296464 | 0.267075698381241 | 0.426786110802709 | 2.34309405739371 | | FLJ10633 | hypothetical protein FLJ10633 | NM\_018162 | 4 | 3 | 36030 | 61513 | 36026 | 61510 | 1.22693320578295 | 0.268004467269155 | 2.27650400636577 | 0.439270037392294 | | FLJ23311 | hypothetical protein FLJ23311 | NM\_024680 | 0 | 2 | 36030 | 61513 | 36030 | 61511 | 1.17148371128907 | 0.279096782845941 | 0 | #DIV/0! | | HCCA2 | HCCA2 protein | NM\_053005 | 0 | 2 | 36030 | 61513 | 36030 | 61511 | 1.17148371128907 | 0.279096782845941 | 0 | #DIV/0! | | RIG | regulated in glioma | NM\_006394 | 0 | 2 | 36030 | 61513 | 36030 | 61511 | 1.17148371128907 | 0.279096782845941 | 0 | #DIV/0! | | ZFP26 | C3HC4-like zinc finger protein | NM\_016422 | 0 | 2 | 36030 | 61513 | 36030 | 61511 | 1.17148371128907 | 0.279096782845941 | 0 | #DIV/0! | | FLJ20727 | hypothetical protein FLJ20727 | NM\_017944 | 2 | 1 | 36030 | 61513 | 36028 | 61512 | 1.13830724865662 | 0.286010544822716 | 3.4146774730765 | 0.292853426973599 | | CTSD | cathepsin D (lysosomal aspartyl protease) | NM\_001909 | 19 | 43 | 36030 | 61513 | 36011 | 61470 | 1.05453439213227 | 0.30446534239474 | 0.754246280044922 | 1.32582689031021 | | IFITM2 | interferon induced transmembrane protein 2 (1-8D) | NM\_006435 | 6 | 6 | 36030 | 61513 | 36024 | 61507 | 0.87911284201566 | 0.348444785244103 | 1.70738951809905 | 0.585689433722991 | | NUCB2 | nucleobindin 2 | NM\_005013 | 3 | 9 | 36030 | 61513 | 36027 | 61504 | 0.734220572917328 | 0.391518549281987 | 0.569054690463634 | 1.75730033818939 | | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | NM\_000076 | 1 | 4 | 36030 | 61513 | 36029 | 61509 | 0.615821416582049 | 0.432604325787269 | 0.426802020594521 | 2.34300671446455 | | MRPL17 | mitochondrial ribosomal protein L17 | NM\_022061 | 1 | 4 | 36030 | 61513 | 36029 | 61509 | 0.615821416582049 | 0.432604325787269 | 0.426802020594521 | 2.34300671446455 | | PCDH16 | protocadherin 16 | NM\_003737 | 1 | 4 | 36030 | 61513 | 36029 | 61509 | 0.615821416582049 | 0.432604325787269 | 0.426802020594521 | 2.34300671446455 | | C11orf13 | chromosome 11 open reading frame 13 | NM\_003475 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | FLJ10852 | hypothetical protein similar to ankyrin repeat-containing priotein AKR1 | NM\_019028 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | FLJ11068 | hypothetical protein FLJ11068 | NM\_018314 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | HBE1 | hemoglobin, epsilon 1 | NM\_005330 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | HBG2 | hemoglobin, gamma G | NM\_000184 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | KCNQ1 | potassium voltage-gated channel, KQT-like subfamily, member 1 | NM\_000218 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | KIAA1534 | KIAA1534 protein | NM\_020896 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | KIAA1542 | KIAA1542 protein | AB040975 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | LRDD | leucine-rich and death domain containing | NM\_018494 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | MUC5AC | mucin 5, subtypes A and C, tracheobronchial/gastric | AJ001403 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | MUCDHL | mucin and cadherin-like | NM\_017717 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | TSSC3 | tumor suppressing subtransferable candidate 3 | NM\_003311 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | XLKD1 | extracellular link domain-containing 1 | NM\_006691 | 0 | 1 | 36030 | 61513 | 36030 | 61512 | 0.58573585062254 | 0.444072797776664 | 0 | #DIV/0! | | EIF4G2 | eukaryotic translation initiation factor 4 gamma, 2 | NM\_001418 | 41 | 60 | 36030 | 61513 | 35989 | 61453 | 0.580315759678738 | 0.446188585017879 | 1.16682551149888 | 0.857026170704322 | | RRM1 | ribonucleotide reductase M1 polypeptide | NM\_001033 | 2 | 6 | 36030 | 61513 | 36028 | 61507 | 0.489460307904512 | 0.484168149053138 | 0.569066651863366 | 1.75726340091372 | | SLC22A1L | solute carrier family 22 (organic cation transporter), member 1-like | NM\_002555 | 3 | 3 | 36030 | 61513 | 36027 | 61510 | 0.439529381643014 | 0.507349690998911 | 1.70733061315125 | 0.585709640708828 | | ILK | integrin-linked kinase | NM\_004517 | 4 | 10 | 36030 | 61513 | 36026 | 61503 | 0.420726961200028 | 0.516574528028624 | 0.682873480264254 | 1.46440011056371 | | SMPD1 | sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase) | NM\_000543 | 2 | 2 | 36030 | 61513 | 36028 | 61511 | 0.293013579507101 | 0.588295800110319 | 1.70731098034862 | 0.58571637593276 | | IRF7 | interferon regulatory factor 7 | NM\_001572 | 1 | 3 | 36030 | 61513 | 36029 | 61510 | 0.244720117755291 | 0.620817590802045 | 0.56907861259911 | 1.7572264672411 | | FLJ22635 | hypothetical protein FLJ22635 | NM\_025092 | 2 | 5 | 36030 | 61513 | 36028 | 61508 | 0.210348383155335 | 0.646494482070762 | 0.682891084711891 | 1.46436235936789 | | HTATIP2 | HIV-1 Tat interactive protein 2, 30 kDa | NM\_006410 | 2 | 5 | 36030 | 61513 | 36028 | 61508 | 0.210348383155335 | 0.646494482070762 | 0.682891084711891 | 1.46436235936789 | | FLJ11608 | hypothetical protein FLJ11608 | NM\_024557 | 1 | 1 | 36030 | 61513 | 36029 | 61512 | 0.146503785749291 | 0.701899109353209 | 1.70729134863582 | 0.585723110937703 | | KIAA0155 | KIAA0155 gene product | NM\_014633 | 3 | 6 | 36030 | 61513 | 36027 | 61507 | 0.0501957323170833 | 0.822723034385905 | 0.853623671135537 | 1.17147641731835 | | RNH | ribonuclease/angiogenin inhibitor | NM\_002939 | 2 | 4 | 36030 | 61513 | 36028 | 61509 | 0.0334627922792677 | 0.854854214448607 | 0.853627733984679 | 1.17147084166545 | | ADM | adrenomedullin | NM\_001124 | 2 | 3 | 36030 | 61513 | 36028 | 61510 | 0.0201321286745499 | 0.887168684238963 | 1.13818881610599 | 0.878588847341896 | | SAA1 | serum amyloid A1 | NM\_000331 | 2 | 3 | 36030 | 61513 | 36028 | 61510 | 0.0201321286745499 | 0.887168684238963 | 1.13818881610599 | 0.878588847341896 | | FRAG1 | FGF receptor activating protein 1 | NM\_014489 | 1 | 2 | 36030 | 61513 | 36029 | 61511 | 0.0167308815385633 | 0.89708236399671 | 0.853631796608288 | 1.17146526637512 | | FXC1 | fracture callus 1 (rat) homolog | NM\_012192 | 1 | 2 | 36030 | 61513 | 36029 | 61511 | 0.0167308815385633 | 0.89708236399671 | 0.853631796608288 | 1.17146526637512 | | GTF2H1 | general transcription factor IIH, polypeptide 1 (62kD subunit) | NM\_005316 | 1 | 2 | 36030 | 61513 | 36029 | 61511 | 0.0167308815385633 | 0.89708236399671 | 0.853631796608288 | 1.17146526637512 | | HRAS | v-Ha-ras Harvey rat sarcoma viral oncogene homolog | NM\_005343 | 1 | 2 | 36030 | 61513 | 36029 | 61511 | 0.0167308815385633 | 0.89708236399671 | 0.853631796608288 | 1.17146526637512 | | CLN2 | ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease) | NM\_000391 | 8 | 13 | 36030 | 61513 | 36022 | 61500 | 0.0120851675315529 | 0.912462860673764 | 1.05063999350824 | 0.95180081300813 | | CARS | cysteinyl-tRNA synthetase | NM\_001751 | 4 | 7 | 36030 | 61513 | 36026 | 61506 | 0.00155562348923613 | 0.968538478654836 | 0.975581127915553 | 1.02503007836634 | | CEGP1 | CEGP1 protein | NM\_020974 | 4 | 7 | 36030 | 61513 | 36026 | 61506 | 0.00155562348923613 | 0.968538478654836 | 0.975581127915553 | 1.02503007836634 | | ZNF143 | zinc finger protein 143 (clone pHZ-1) | NM\_003442 | 4 | 7 | 36030 | 61513 | 36026 | 61506 | 0.00155562348923613 | 0.968538478654836 | 0.975581127915553 | 1.02503007836634 | | POR1 | partner of RAC1 (arfaptin 2) | NM\_012402 | 3 | 5 | 36030 | 61513 | 36027 | 61508 | 0.00108653976350567 | 0.973704330473319 | 1.02436505953868 | 0.976214476165702 | |
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[[data1](http://docs.google.com/data.html)][[data2](http://docs.google.com/data2.html)][[data3](http://docs.google.com/data3.html)][[data4](http://docs.google.com/data4.html)][[data5](http://docs.google.com/data5.html)]