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|  | 1p36 |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Symbol | Name | Sequence ID | Mammary gland | EST Normal | EST Cancer | Total Normal | Total Cancer | Normal Total -Seq | Cancer Total -Seq | Chi Square | P-Value | Normal/Cancer | Cancer / Normal | | SMARCF1 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily f, member 1 | NM\_006015 | SMARCF1 | 25 | 3 | 36120 | 61456 | 36095 | 61453 | 32.8197541273451 | 1.01112098431863E-08 | 14.1877914761971 | 0.0704831334515809 | | WASF2 | WAS protein family, member 2 | NM\_006990 | WASF2 | 18 | 0 | 36120 | 61456 | 36102 | 61456 | 30.6315642746705 | 3.11976863471253E-08 | #DIV/0! | #DIV/0! | | RPL11 | ribosomal protein L11 | NM\_000975 | RPL11 | 5 | 62 | 36120 | 61456 | 36115 | 61394 | 25.1187282849275 | 5.39067651696913E-07 | 0.137093424678335 | 7.29429585953025 | | HMG17 | high-mobility group (nonhistone chromosomal) protein 17 | NM\_005517 | HMG17 | 5 | 52 | 36120 | 61456 | 36115 | 61404 | 19.5162844218315 | 9.97457247657481E-06 | 0.163484169160481 | 6.11680020845547 | | STMN1 | stathmin 1/oncoprotein 18 | NM\_005563 | STMN1 | 0 | 28 | 36120 | 61456 | 36120 | 61428 | 16.4613756009138 | 0.0000496513554577102 | 0 | #DIV/0! | | PIK3CD | phosphoinositide-3-kinase, catalytic, delta polypeptide | NM\_005026 | PIK3CD | 7 | 0 | 36120 | 61456 | 36113 | 61456 | 11.9109319971611 | 0.000558054732357644 | #DIV/0! | #DIV/0! | | MGC3047 | hypothetical protein MGC3047 | NM\_032348 | MGC3047 | 8 | 1 | 36120 | 61456 | 36112 | 61455 | 10.3876108749305 | 0.00126863674569322 | 13.6143110323438 | 0.0734521194369864 | | FLJ20608 | hypothetical protein FLJ20608 | NM\_017900 | FLJ20608 | 11 | 3 | 36120 | 61456 | 36109 | 61453 | 10.3703332876726 | 0.00128056433081942 | 6.24020788907659 | 0.160251071402683 | | HSPB7 | heat shock 27kD protein family, member 7 (cardiovascular) | NM\_014424 | HSPB7 | 6 | 0 | 36120 | 61456 | 36114 | 61456 | 10.2092656469144 | 0.00139736810503785 | #DIV/0! | #DIV/0! | | KIAA0601 | KIAA0601 protein | AB011173 | KIAA0601 | 16 | 8 | 36120 | 61456 | 36104 | 61448 | 9.05154940721633 | 0.00262472298659848 | 3.40394416131177 | 0.293776851972399 | | DJ-1 | RNA-binding protein regulatory subunit | NM\_007262 | DJ-1 | 1 | 19 | 36120 | 61456 | 36119 | 61437 | 8.79553789848358 | 0.00301968206386404 | 0.0895242480630547 | 11.1701580480818 | | KIAA0469 | KIAA0469 gene product | NM\_014851 | KIAA0469 | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | ARH | LDL receptor adaptor protein | AK024397 | ARH | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | DKFZp434G171 | hypothetical protein DKFZp434G171 | AL133035 | DKFZp434G171 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | KIAA1332 | KIAA1332 protein | AB037753 | KIAA1332 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | T1A-2 | lung type-I cell membrane-associated glycoprotein | NM\_006474 NM\_013317 | T1A-2 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | RERE | arginine-glutamic acid dipeptide (RE) repeats | NM\_012102 | RERE | 7 | 2 | 36120 | 61456 | 36113 | 61454 | 6.41409082088439 | 0.0113218289996573 | 5.95599922465594 | 0.167897939922544 | | FLJ10737 | hypothetical protein FLJ10737 | NM\_018198 | FLJ10737 | 8 | 3 | 36120 | 61456 | 36112 | 61453 | 6.01720337477311 | 0.0141670808430056 | 4.53795598877566 | 0.220363529852082 | | SLC9A1 | solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na+/H+, amiloride sensitive) | S68616 | SLC9A1 | 5 | 1 | 36120 | 61456 | 36115 | 61455 | 5.52096093831405 | 0.0187899360103846 | 8.50823757441506 | 0.117533154340574 | | KIAA0205 | KIAA0205 gene product | NM\_014873 | KIAA0205 | 3 | 0 | 36120 | 61456 | 36117 | 61456 | 5.10447587534172 | 0.0238641915746489 | #DIV/0! | #DIV/0! | | FLJ20321 | hypothetical protein FLJ20321 | NM\_017766 | FLJ20321 | 3 | 0 | 36120 | 61456 | 36117 | 61456 | 5.10447587534172 | 0.0238641915746489 | #DIV/0! | #DIV/0! | | SLC2A5 | solute carrier family 2 (facilitated glucose/fructose transporter), member 5 | NM\_003039 | SLC2A5 | 3 | 0 | 36120 | 61456 | 36117 | 61456 | 5.10447587534172 | 0.0238641915746489 | #DIV/0! | #DIV/0! | | TNFRSF14 | tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator) | NM\_003820 | TNFRSF14 | 0 | 8 | 36120 | 61456 | 36120 | 61448 | 4.70228607481943 | 0.0301225283906982 | 0 | #DIV/0! | | LYPLA2 | lysophospholipase II | NM\_007260 | LYPLA2 | 0 | 8 | 36120 | 61456 | 36120 | 61448 | 4.70228607481943 | 0.0301225283906982 | 0 | #DIV/0! | | EIF4G3 | eukaryotic translation initiation factor 4 gamma, 3 | NM\_003760 | EIF4G3 | 7 | 3 | 36120 | 61456 | 36113 | 61453 | 4.66649631729653 | 0.0307566153964912 | 3.97060153776572 | 0.251851008087482 | | DDOST | dolichyl-diphosphooligosaccharide-protein glycosyltransferase | NM\_005216 | DDOST | 11 | 7 | 36120 | 61456 | 36109 | 61449 | 4.48267903634913 | 0.0342400136718352 | 2.67420073349343 | 0.373943506736555 | | SHARP | SMART/HDAC1 associated repressor protein | NM\_015001 | SHARP | 9 | 5 | 36120 | 61456 | 36111 | 61451 | 4.46564432873442 | 0.0345830494282386 | 3.06310542493977 | 0.326466073239926 | | RPL22 | ribosomal protein L22 | NM\_000983 | RPL22 | 4 | 20 | 36120 | 61456 | 36116 | 61436 | 4.26430142607032 | 0.0389212528762734 | 0.340214863218518 | 2.93931896607852 | | PER3 | period homolog 3 (Drosophila) | NM\_016831 | PER3 | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | LOC51706 | cytochrome b5 reductase 1 (B5R.1) | NM\_016243 | LOC51706 | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | C1QB | complement component 1, q subcomponent, beta polypeptide | NM\_000491 | C1QB | 4 | 1 | 36120 | 61456 | 36116 | 61455 | 3.96235741922017 | 0.0465285063965383 | 6.806401594861 | 0.146920510942966 | | PRDM2 | PR domain containing 2, with ZNF domain | NM\_012231 NM\_015866 | PRDM2 | 5 | 2 | 36120 | 61456 | 36115 | 61454 | 3.55553241502835 | 0.0593472758521107 | 4.25404956389312 | 0.235070133758584 | | Cab45 | calcium binding protein Cab45 precursor | NM\_016176 NM\_016547 | Cab45 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | EPHB2 | EphB2 | NM\_004442 NM\_017449 | EPHB2 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | DKFZP434B168 | DKFZP434B168 protein | NM\_015434 | DKFZP434B168 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | MGC4342 | hypothetical protein MGC4342 | NM\_024329 | MGC4342 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | PRO1489 | hypothetical protein PRO1489 | NM\_018584 | PRO1489 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | PRKACB | protein kinase, cAMP-dependent, catalytic, beta | NM\_002731 | PRKACB | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | FLJ12132 | hypothetical protein FLJ12132 | NM\_024980 | FLJ12132 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | FLJ22215 | hypothetical protein FLJ22215 | NM\_022834 | FLJ22215 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | FLJ10619 | hypothetical protein FLJ10619 | NM\_018156 | FLJ10619 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | PEX14 | peroxisomal biogenesis factor 14 | NM\_004565 | PEX14 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | ESPN | espin | NM\_031475 | ESPN | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | LUZP1 | leucine zipper protein 1 | BC002428 | LUZP1 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | FLJ10346 | hypothetical protein FLJ10346 | NM\_018065 | FLJ10346 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | KIAA0450 | KIAA0450 gene product | NM\_014638 | KIAA0450 | 2 | 0 | 36120 | 61456 | 36118 | 61456 | 3.40294904096527 | 0.0650799844689129 | #DIV/0! | #DIV/0! | | MIG-6 | Gene 33/Mig-6 | NM\_018948 | MIG-6 | 6 | 3 | 36120 | 61456 | 36114 | 61453 | 3.39380918153462 | 0.0654416159017824 | 3.40327850695021 | 0.293834312401347 | | SEPN1 | selenoprotein N, 1 | AJ306399 | SEPN1 | 6 | 3 | 36120 | 61456 | 36114 | 61453 | 3.39380918153462 | 0.0654416159017824 | 3.40327850695021 | 0.293834312401347 | | PRKCZ | protein kinase C, zeta | NM\_002744 | PRKCZ | 6 | 3 | 36120 | 61456 | 36114 | 61453 | 3.39380918153462 | 0.0654416159017824 | 3.40327850695021 | 0.293834312401347 | | MGC10334 | hypothetical protein MGC10334 | NM\_030575 | MGC10334 | 1 | 9 | 36120 | 61456 | 36119 | 61447 | 3.13113916047588 | 0.0768100669068149 | 0.189026397310126 | 5.29026640844956 | | ID3 | inhibitor of DNA binding 3, dominant negative helix-loop-helix protein | NM\_002167 | ID3 | 2 | 12 | 36120 | 61456 | 36118 | 61444 | 3.10330014240759 | 0.0781337740868146 | 0.283533602820385 | 3.5269188203893 | | GALE | galactose-4-epimerase, UDP- | NM\_000403 | GALE | 0 | 5 | 36120 | 61456 | 36120 | 61451 | 2.93883843398642 | 0.0864729117278479 | 0 | #DIV/0! | | FBXO6 | F-box only protein 6 | NM\_018438 | FBXO6 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | KIAA1922 | KIAA1922 protein | AB067509 | KIAA1922 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | ALPL | alkaline phosphatase, liver/bone/kidney | NM\_000478 | ALPL | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | TNFRSF1B | tumor necrosis factor receptor superfamily, member 1B | NM\_001066 | TNFRSF1B | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | CLCN6 | chloride channel 6 | NM\_001286 NM\_021735 NM\_021736 NM\_021737 | CLCN6 | 0 | 4 | 36120 | 61456 | 36120 | 61452 | 2.3510466514368 | 0.125198959176223 | 0 | #DIV/0! | | FLJ10199 | hypothetical protein FLJ10199 | NM\_018022 | FLJ10199 | 0 | 4 | 36120 | 61456 | 36120 | 61452 | 2.3510466514368 | 0.125198959176223 | 0 | #DIV/0! | | CTD6 | angiopoietin-like factor | NM\_021146 | CTD6 | 0 | 4 | 36120 | 61456 | 36120 | 61452 | 2.3510466514368 | 0.125198959176223 | 0 | #DIV/0! | | HSPG2 | heparan sulfate proteoglycan 2 (perlecan) | NM\_005529 | HSPG2 | 7 | 5 | 36120 | 61456 | 36113 | 61451 | 2.33895280058005 | 0.126174387635824 | 2.38228338825354 | 0.419765341491595 | | HCLA-ISO | hypothetical protein hCLA-iso | NM\_030937 | HCLA-ISO | 4 | 2 | 36120 | 61456 | 36116 | 61454 | 2.26246988770311 | 0.132542572668244 | 3.40314542031233 | 0.293845803365119 | | CAP350 | centrosome-associated protein 350 | NM\_014810 NM\_014810 | CAP350 | 5 | 3 | 36120 | 61456 | 36115 | 61453 | 2.22838635651007 | 0.135495326327167 | 2.83598689371914 | 0.35261093844076 | | TCEB3 | transcription elongation factor B (SIII), polypeptide 3 (110kD, elongin A) | NM\_003198 | TCEB3 | 1 | 7 | 36120 | 61456 | 36119 | 61449 | 2.06274168056889 | 0.150938454639801 | 0.243041849758536 | 4.11451773015021 | | FLJ10420 | hypothetical protein FLJ10420 | NM\_018090 | FLJ10420 | 1 | 7 | 36120 | 61456 | 36119 | 61449 | 2.06274168056889 | 0.150938454639801 | 0.243041849758536 | 4.11451773015021 | | DKFZP564C186 | DKFZP564C186 protein | NM\_015658 | DKFZP564C186 | 5 | 17 | 36120 | 61456 | 36115 | 61439 | 1.92735038656221 | 0.165048697180208 | 0.500354260491404 | 1.9985839613275 | | KIAA0495 | KIAA0495 | AB007964 | KIAA0495 | 0 | 3 | 36120 | 61456 | 36120 | 61453 | 1.76326691713377 | 0.184217622961281 | 0 | #DIV/0! | | FLJ20199 | hypothetical protein FLJ20199 | NM\_017707 | FLJ20199 | 0 | 3 | 36120 | 61456 | 36120 | 61453 | 1.76326691713377 | 0.184217622961281 | 0 | #DIV/0! | | KIAA0451 | KIAA0451 gene product | NM\_014826 | KIAA0451 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | DNB5 | DNB5 | AF118274 | DNB5 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | KIAA0459 | KIAA0459 protein | AB007928 | KIAA0459 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | HSA9947 | putative ATPase | NM\_022089 | HSA9947 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | RAP1GA1 | RAP1, GTPase activating protein 1 | NM\_002885 | RAP1GA1 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | FLJ23323 | hypothetical protein FLJ23323 | NM\_024654 | FLJ23323 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | FLJ20584 | hypothetical protein FLJ20584 | NM\_017891 | FLJ20584 | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | GABRD | gamma-aminobutyric acid (GABA) A receptor, delta | NM\_000815 | GABRD | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | H6PD | hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) | NM\_004285 | H6PD | 1 | 0 | 36120 | 61456 | 36119 | 61456 | 1.70145708287546 | 0.192097630265989 | #DIV/0! | #DIV/0! | | HBACH | cytosolic acyl coenzyme A thioester hydrolase | NM\_007274 | HBACH | 2 | 9 | 36120 | 61456 | 36118 | 61447 | 1.67405250382692 | 0.195716724953417 | 0.378063261777753 | 2.64505997038098 | |
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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)]