

Candidate gene list - Each of these 133 candidate genes induced two groups which had at least one gene significantly ($\alpha = 0.05$) differentially expressed between the two sample groups.

UniGene Cluster ID	Gene Symbol	Gene Name	Number of significant genes
Hs.512126		Data not found	9527
Hs.438683	<i>S8</i>	SLAM family member 8	9255
Hs.512643		MRNA; cDNA DKFZp762C115 (from clone DKFZp762C115)	9091
Hs.1657		Data not found	9072
Hs.208124	<i>ESR1</i>	Estrogen receptor 1	9072
Hs.64568		Transcribed locus, moderately similar to XP_234686.3 PREDICTED: similar to immunoglobulin heavy chain [Rattus norvegicus]	8884
Hs.100686	<i>UMP11</i>	Breast cancer membrane protein 11	8825
Hs.431099	<i>PDZK1IP1</i>	PDZK1 interacting protein 1	8218
Hs.497350	<i>PKP1</i>	Plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)	8126
Hs.131740		Transcribed locus, strongly similar to XP_520662.1 PREDICTED: similar to male sterility domain containing 1; cDNA sequence BC055759 [Pan troglodytes]	8064
Hs.180142	<i>CALML5</i>	Calmodulin-like 5	7960
Hs.388347	<i>LOC143381</i>	Hypothetical protein LOC143381	7797
Hs.100431	<i>CXCL13</i>	Chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant)	7789
Hs.109425		Data not found	7680
Hs.444372		Data not found	7680
Hs.7413		Transcribed locus	7457
Hs.79136	<i>SLC39A6</i>	Solute carrier family 39 (zinc transporter), member 6	7444

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Hs.155956		Transcribed locus, strongly similar to NP_000653.3 N-acetyltransferase 1; arylamide acetylase 1 (N-acetyltransferase 1); arylamine N-acetyltransferase-1 [Homo sapiens]	7319
Hs.458430		Data not found	7319
Hs.405944		Data not found	7268
Hs.449585	<i>IGL@</i>	Immunoglobulin lambda locus	7268
Hs.376984	<i>SOX10</i>	SRX (sex determining region Y)-box 10	7214
Hs.1955	<i>SAA2</i>	Serum amyloid A2	7192
Hs.416854		Data not found	7187
Hs.458275		Data not found	7085
Hs.199487	<i>RERG</i>	OAS-like, estrogen-regulated, growth inhibitor	7046
Hs.155223		Data not found	7006
Hs.233160	<i>STC2</i>	Stanniocalcin 2	7006
Hs.332649		Transcribed locus, strongly similar to XP_498081.1 PREDICTED: similar to Olfactory receptor 2I2 [Homo sapiens]	6959
Hs.525874		Data not found	6948
Hs.210995	<i>CA12</i>	Carbonic anhydrase XII	6767
Hs.279916		Data not found	6767
Hs.391828		Transcribed locus, strongly similar to XP_030559.1 PREDICTED: PAR-6 beta [Homo sapiens]	6688
Hs.406050	<i>DNALI1</i>	Dynein, axonemal, light intermediate polypeptide 1	6654
Hs.97220	<i>CHAD</i>	Chondroadherin	6647
Hs.504115	<i>TRIM29</i>	Tripartite motif-containing 29	6536
Hs.333303	<i>GJB1</i>	Gap junction protein, beta 1, 32kDa (connexin 32, Charcot-Marie-Tooth neuropathy, X-linked)	6488

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Hs.29190	<i>C1orf64</i>	Chromosome 1 open reading frame 64	6432
Hs.2256	<i>MMP7</i>	Matrix metalloproteinase 7 (matrilysin, uterine)	6394
Hs.58076	<i>GRETAL10-11</i>	Keratin associated protein 10-11	6359
Hs.154078	<i>LBP</i>	Lipopolysaccharide binding protein	6325
Hs.16530		Data not found	6303
Hs.26225	<i>GABBI</i>	Gamma-aminobutyric acid (GABA) A receptor, pi	6243
Hs.268573	<i>GSTT1</i>	Glutathione S-transferase theta 1	6170
Hs.432677		Data not found	6137
Hs.524438		Data not found	6137
Hs.7644	<i>HIST1H1C</i>	Histone 1, H1c	6098
Hs.41690	<i>DSC3</i>	Desmocollin 3	6069
Hs.77367	<i>CXCL11</i>	Chemokine (C-X-C motif) ligand 11	6048
Hs.439760	<i>CYP4X1</i>	Cytochrome P450, family 4, subfamily X, polypeptide 1	6027
Hs.150821		Data not found	6006
Hs.38972	<i>TSPAN1</i>	Tetraspanin 1	5994
Hs.789	<i>CXCL1</i>	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	5989
Hs.75643	<i>NFE2</i>	Nuclear factor (erythroid-derived 2), 45kDa	5974
Hs.8944	<i>PCOLCE2</i>	Procollagen C-endopeptidase enhancer 2	5942
Hs.103253	<i>PLIN</i>	Perilipin	5929
Hs.524293		Full-length cDNA clone CS0DI085YD17 of Placenta Cot 25-normalized of Homo sapiens (human)	5918
Hs.458446		Immunoglobulin variable region germ-line transcripts (RF.BM, YF.PB2 cell line)	5912
Hs.446352	<i>ERBB2</i>	V-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)	5882

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Hs.1925	<i>DSG3</i>	Desmoglein 3 (pemphigus vulgaris antigen)	5874
Hs.86859	<i>GRB7</i>	Growth factor receptor-bound protein 7	5871
Hs.1051	<i>GZMB</i>	Granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)	5842
Hs.93194	<i>APOA1</i>	Apolipoprotein A-I	5812
Hs.169266		Data not found	5780
Hs.519057	<i>NPY1R</i>	Neuropeptide Y receptor Y1	5780
Hs.55279	<i>SERPINB5</i>	Serpin peptidase inhibitor, clade B (ovalbumin), member 5	5757
Hs.24395		Data not found	5717
Hs.95972	<i>SILV</i>	Silver homolog (mouse)	5664
Hs.382827		Data not found	5652
Hs.515966		Transcribed locus, strongly similar to XP_379089.1 PREDICTED: hypothetical protein XP_379089 [Homo sapiens]	5566
Hs.522555	<i>APOD</i>	Apolipoprotein D	5529
Hs.75736		Data not found	5529
Hs.529517	<i>LTF</i>	Lactotransferrin	5500
Hs.32405		MRNA; cDNA DKFZp586G0321 (from clone DKFZp586G0321)	5471
Hs.69771	<i>CFB</i>	Complement factor B	5413
Hs.388547		Data not found	5412
Hs.534293	<i>SERPINA3</i>	Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	5412
Hs.151135	<i>FN3K</i>	Fructosamine 3 kinase	5395
Hs.182385	<i>HPN</i>	Hepsin (transmembrane protease, serine 1)	5358
Hs.69517	<i>LY6K</i>	Lymphocyte antigen 6 complex, locus K	5272
Hs.50002	<i>CCL19</i>	Chemokine (C-C motif) ligand 19	5174
Hs.99949	<i>PIP</i>	Prolactin-induced protein	5172
Hs.97774		Transcribed locus	5155

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Hs.229128		Transcribed locus, weakly similar to XP_209041.2 PREDICTED: similar to KIAA1503 protein [Homo sapiens]	5079
Hs.473695		Transcribed locus, strongly similar to NP_444507.1 chloride intracellular channel 6; chloride channel form A [Homo sapiens]	4960
Hs.169946		Data not found	4959
Hs.524134	<i>GATA3</i>	GATA binding protein 3	4959
Hs.101174	<i>MAPT</i>	Microtubule-associated protein tau	4952
Hs.59889	<i>HMGCS2</i>	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	4901
Hs.36563		Transcribed locus	4835
Hs.54451		Data not found	4819
Hs.530509		Data not found	4819
Hs.441113	<i>MAGEA6</i>	Melanoma antigen family A, 6	4798
Hs.82961	<i>TFF3</i>	Trefoil factor 3 (intestinal)	4605
Hs.430324		Data not found	4605
Hs.102406	<i>MLPH</i>	Melanophilin	4595
Hs.111676		Data not found	4464
Hs.400095	<i>HSPB8</i>	Heat shock 22kDa protein 8	4464
Hs.170195		Data not found	4334
Hs.143961	<i>CCL18</i>	Chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)	4248
Hs.239600	<i>CALML3</i>	Calmodulin-like 3	4196
Hs.26770	<i>FABP7</i>	Fatty acid binding protein 7, brain	4194
Hs.459642	<i>CACNA1H</i>	Calcium channel, voltage-dependent, alpha 1H subunit	4134
Hs.3041	<i>UNG2</i>	Uracil-DNA glycosylase 2	4117
Hs.302740	<i>TRPV6</i>	Transient receptor potential cation channel, subfamily V, member 6	4115
Hs.84905	<i>KRT20</i>	Keratin 20	4097

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Hs.534221	<i>ADAMTS15</i>	ADAM metallopeptidase with thrombospondin type 1 motif, 15	4070
Hs.80342		Data not found	4066
Hs.334131		Data not found	4050
Hs.464829	<i>CDH2</i>	Cadherin 2, type 1, N-cadherin (neuronal)	4050
Hs.117874		Data not found	3926
Hs.498494	<i>PCSK6</i>	Proprotein convertase subtilisin/kexin type 6	3926
Hs.9029	<i>KRT23</i>	Keratin 23 (histone deacetylase inducible)	3766
Hs.505326	<i>NELL2</i>	NEL-like 2 (chicken)	3692
Hs.413924		Data not found	3604
Hs.154138		Data not found	3544
Hs.234642	<i>AQP3</i>	Aquaporin 3 (Gill blood group)	3456
Hs.335891	<i>ABCC11</i>	ATP-binding cassette, sub-family C (CFTR/MRP), member 11	3442
Hs.525647		Data not found	3357
Hs.17518	<i>RSAD2</i>	Radical S-adenosyl methionine domain containing 2	3355
Hs.375600		Data not found	3315
Hs.442180	<i>CILP</i>	Cartilage intermediate layer protein, nucleotide pyrophosphohydrolase	3216
Hs.270833	<i>AREG</i>	Amphiregulin (schwannoma-derived growth factor)	3199
Hs.272499	<i>DHRS2</i>	Dehydrogenase/reductase (SDR family) member 2	3188
Hs.176588	<i>CYP4Z1</i>	Cytochrome P450, family 4, subfamily Z, polypeptide 1	3080
Hs.251754		Data not found	3039
Hs.332053		Data not found	2980
Hs.436643	<i>SYT13</i>	Synaptotagmin XIII	2822
Hs.449587		Data not found	2725
Hs.46732	<i>MAOB</i>	Monoamine oxidase B	2650
Hs.22111	<i>IGSF1</i>	Immunoglobulin superfamily, member 1	2643

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Hs.411881	<i>GRB14</i>	Growth factor receptor-bound protein 14	2166
Hs.10319	<i>UGT2B7</i>	UDP glucuronosyltransferase 2 family, polypeptide B7	2054