

Gene ID	Gene Symbol	Description	Hsa gene ID	Hsa symbol	Description	RefSeq Protein Accession	MC_C/E_PBS_R1	MC_C/E_PBS_R2	MC_C/E_PBS_R3	MC_C/E_PBS_R4	MD_C/E_Tre_R1	MD_C/E_Tre_R2	MD_C/E_Tre_R3	MD_C/E_Tre_R4	MC_C/E_PBS_SN_R1	MD_C/E_Tre_SN_R1	ME_C/E_IzonUC_R2	ME_C/E_IzonUC_R3	ME_C/E_IzonUC_R4	MC_C/E_PBS_R2	MC_C/E_PBS_R3	MC_C/E_PBS_R4
100061692	A2M	alpha-2-macroglobulin	2	A2M	alpha-2-macroglobulin	XP_001499173	2.00	2.00	2.00	6.67	2.00	6.83	7.24	8.33	8.10	8.43	2.00	2.00	8.87	8.18	2.00	11.38
100088225	VCP	valosin containing protein	7415	VCP	valosin containing protein	XP_023485358	10.52	11.81	10.07	10.50	9.86	10.70	9.58	10.30	2.00	2.00	11.19	10.77	10.95	12.51	12.45	10.88
100053810	MMP26	matrix metalloproteinase 26	56547	MMP26	matrix metalloproteinase 26	XP_001503575	7.34	7.31	7.62	5.30	7.12	6.26	6.29	2.00	2.00	6.30	2.00	8.05	7.59	2.00	9.42	8.05
100094109	HBB	hemoglobin, beta	3043	HBB	hemoglobin subunit beta	NP_001151490	6.79	6.70	2.00	4.36	6.94	7.75	3.92	5.04	8.87	10.98	8.93	8.25	10.25	8.37	9.97	10.47
100053541	MME	membrane metalloendopeptidase	4311	MME	membrane metalloendopeptidase	XP_023476917.XP	10.39	10.57	10.39	8.71	10.50	9.54	9.63	8.17	7.02	7.60	11.31	11.59	12.42	10.38	11.96	11.85
100067672	VNN2	vanin 2	8875	VNN2	vanin 2	XP_023506881	8.30	2.00	5.65	2.00	9.45	5.68	6.83	2.00	9.38	8.89	11.41	2.00	10.50	9.02	8.84	10.67
100054071	STC1	stanniocalcin 1	6781	STC1	stanniocalcin 1	XP_001493245	7.45	5.52	6.34	2.00	7.71	7.01	6.98	2.00	10.33	9.76	2.00	2.00	2.00	2.00	8.45	8.80
1111772846	LOC111772846	alcohol dehydrogenase class-3	128	ADH5	alcohol dehydrogenase 5 (class II)	XP_023493440	7.94	2.00	7.71	2.00	7.94	8.21	2.00	7.80	2.00	2.00	2.00	2.00	2.00	9.14	10.31	2.00
100058677	CYSRT1	cysteine rich tail 1	375791	CYSRT1	cysteine rich tail 1	XP_023486229	2.00	2.00	2.00	2.00	8.46	7.26	2.00	2.00	2.00	2.00	8.86	10.00	2.00	2.00	2.00	2.00
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100034189	FN1	fibronectin 1	2335	FN1	fibronectin 1	XP_023498053.XP	9.49	10.26	11.08	9.09	8.50	10.08	10.69	9.41	7.51	7.78	8.80	11.43	10.79	11.79	12.10	12.52
100034213	P19	lipocalin	3934	LCN2	lipocalin 2	NP_001075978	9.82	10.03	10.69	8.87	9.88	10.24	10.58	10.17	12.54	12.38	2.00	9.70	8.23	2.00	10.66	10.30
100062154	MTHFD1	methylene tetrahydrofolate dehydrogenase, cy	4522	MTHFD1	methylene tetrahydrofolate dehyd	XP_001499181	2.00	6.24	5.78	7.54	6.84	7.34	6.18	7.36	2.00	2.00	8.53	7.81	8.58	9.72	8.60	2.00
100029603	JCHAIN	joining chain of multimeric IgA and IgM	3512	JCHAIN	joining chain of multimeric IgA an	XP_001217464	10.58	11.20	11.16	11.37	10.77	10.78	11.27	11.26	8.75	8.82	13.43	12.79	13.04	13.59	13.98	14.34
100084107	CALR	calreticulin	811	CALR	calreticulin	XP_001504502	9.50	9.03	8.66	8.39	9.51	9.05	9.72	8.41	5.46	5.89	10.69	9.99	10.30	11.56	10.46	10.58
100033887	GAPDH	glyceraldehyde-3-phosphate dehydrogenase	2597	GAPDH	glyceraldehyde-3-phosphate dehy	NP_001151328	9.88	10.41	9.68	10.57	9.67	9.94	8.90	10.28	8.07	8.12	11.43	11.33	11.36	11.81	12.44	11.30
100089931	FURIN	furin, paired basic amino acid cleaving enzy	5045	FURIN	furin, paired basic amino acid clea	XP_023505390	10.29	10.39	9.48	9.09	10.01	10.10	9.23	8.77	2.00	2.00	11.46	12.72	12.96	10.81	12.85	11.78
100033337	HSP90AA1	heat shock protein 90 alpha family class A m	2320	HSP90AA1	heat shock protein 90 alpha family	XP_023483460	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	6.49	6.99	9.35	9.93	2.00	9.21	8.74	2.00
100034206	ALB	albumin	3130	ALB	albumin	NP_001075972	7.15	7.46	7.45	7.96	6.59	7.83	7.44	7.62	12.80	12.65	10.86	9.41	12.74	10.62	8.71	11.33
100055819	ECM2	extracellular matrix protein 2	1842	ECM2	extracellular matrix protein 2	XP_023483400	10.65	10.78	9.70	9.53	10.52	11.61	10.33	9.01	8.60	8.48	11.55	12.15	11.07	10.53	11.27	10.59
100055853	CLIC1	chloride intracellular channel 1	1192	CLIC1	chloride intracellular channel 1	XP_014589790	11.27	11.05	11.34	10.47	10.77	11.21	11.23	10.24	9.50	8.81	13.18	13.19	14.18	12.69	12.36	12.72
100070995	TPPI	trypsin/lyl peptidase 1	1200	TPPI	trypsin/lyl peptidase 1	XP_023501673	8.13	2.00	7.42	7.23	8.11	8.15	7.27	7.25	5.79	5.55	10.17	10.78	10.15	9.06	9.53	8.89
10006144	BAGLT3	beta-1,4-galactosyltransferase 3	8703	BAGLT3	beta-1,4-galactosyltransferase 3	XP_023496966	9.70	10.10	9.07	7.52	9.27	9.42	9.06	6.43	2.00	2.00	10.22	11.26	9.95	2.00	10.86	8.93
111772887	LOC111772887	deleted in malignant brain tumors 1 protein-lik	1755	DMBT1	deleted in malignant brain tumors	XP_023493734	2.00	8.04	7.07	8.60	2.00	7.87	7.41	8.91	5.61	2.00	11.38	12.81	10.66	9.23	12.22	9.31
100147201	EPSSB1	EPSSB like 1	54689	EPSSB1	EPSSB like 1	XP_023506210	6.63	6.32	6.57	2.00	6.98	6.05	6.99	2.00	2.00	2.00	10.31	10.09	9.88	8.85	8.76	2.00
100054320	ANXA2	annexin A2	302	ANXA2	annexin A2	XP_023492402	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4.90	4.96	11.45	11.01	2.00	9.80	9.35	2.00
100056503	F5	coagulation factor V	2153	F5	coagulation factor V	XP_023496285	7.32	7.03	7.13	7.07	7.45	6.97	6.71	2.00	6.70	6.50	2.00	10.01	10.93	2.00	7.63	10.10
100050531	PLG	plasminogen	5340	PLG	plasminogen	XP_014593633	2.00	2.00	9.12	7.03	2.00	7.42	8.65	6.32	2.00	2.00	2.00	2.00	8.14	9.82	2.00	10.03
100068724	IQGA1	IQ motif containing GTPase activating protei	8826	IQGA1	IQ motif containing GTPase activ	XP_023505306.XP	9.33	8.30	8.95	9.19	8.42	9.57	8.66	8.62	6.59	2.00	11.05	10.06	11.53	2.00	2.00	9.37
102147792	MUC5B	mucin 5B, oligomeric mucus/gel-forming	727897	MUC5B	mucin 5B, oligomeric mucus/gel-f	XP_023510736	2.00	6.46	2.00	6.61	2.00	6.46	2.00	6.53	2.00	2.00	9.91	12.53	2.00	2.00	9.44	2.00
100054482	MYH9	myosin heavy chain 9	4627	MYH9	myosin heavy chain 9	XP_023487015	6.40	5.27	6.11	8.02	6.35	6.79	2.00	8.00	2.00	2.00	9.03	8.62	8.23	2.00	2.00	2.00
10006142	SDF4	stromal cell derived factor 4	51150	SDF4	stromal cell derived factor 4	XP_023491823	2.00	4.32	2.00	2.00	3.33	2.00	2.00	2.00	2.00	2.00	10.08	10.67	10.72	2.00	10.44	2.00
100086209	BAGALT1	beta-1,4-galactosyltransferase 1	2683	BAGALT1	beta-1,4-galactosyltransferase 1	XP_023483236	2.00	2.00	6.21	2.00	5.53	4.84	5.59	2.00	2.00	2.00	9.00	9.97	2.00	6.79	2.00	2.00
100052421	PRDX1	peroxiredoxin 1	5052	PRDX1	peroxiredoxin 1	XP_00507147	2.00	2.00	2.00	7.34	2.00	7.15	2.00	8.56	6.75	7.24	10.20	10.17	2.00	9.11	2.00	2.00
100074502	UNC5CL	unc-5 family C-terminal like	222643	UNC5CL	unc-5 family C-terminal like	XP_023490664	2.00	5.89	6.40	6.45	2.00	5.65	2.00	2.00	2.00	2.00	9.01	8.26	9.42	2.00	2.00	7.83
100071467	CLIC4	chloride intracellular channel 4	25932	CLIC4	chloride intracellular channel 4	XP_023491248	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	7.95	7.79	2.00	2.00	2.00	6.49
100053824	SLC6A14	solute carrier family 6 member 14	11254	SLC6A14	solute carrier family 6 member 14	XP_001488209	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	6.36	7.14	2.00	2.00	2.00	2.00
100072548	CTNNA1	catenin alpha 1	1495	CTNNA1	catenin alpha 1	XP_023473380	2.00	2.00	7.09	7.97	2.00	6.91	2.00	6.83	2.00	2.00	8.76	2.00	2.00	2.00	2.00	2.00
100071956	COTL1	coactosin like F-actin binding protein 1	23406	COTL1	coactosin like F-actin binding prot	XP_001499912	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4.93	8.86	9.16	10.08	2.00	2.00	2.00
100051013	TUBB8	tubulin beta class I	203068	TUBB8	tubulin beta class I	XP_001491228	2.00	2.00	2.00	7.44	2.00	2.00	2.00	2.00	2.00	2.00	10.11	9.46	9.23	2.00	2.00	2.00
100051365	EVPL	evoplakin	2125	EVPL	evoplakin	XP_023507755	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	9.26	8.21	2.00	2.00	2.00	2.00
100064004	TBC1D10A	TBC1 domain family member 10A	83874	TBC1D10A	TBC1 domain family member 10A	XP_023502630.XP	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4.38	2.00	7.51	2.00	2.00	2.00
100050482	RNH1	ribonuclease/angiogenin inhibitor 1	6050	RNH1	ribonuclease/angiogenin inhibitor	XP_023510598	2.00	2.00	2.00	2.00	3.81	2.00	2.00	2.00	2.00	2.00	6.79	2.00	7.63	2.00	2.00	2.00
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100067589	LOC10067589	N-acetyllactosaminide alpha-1,3-galactosyltra	14594	Ggfat1	glycoprotein galactosyltransferase	XP_023484568	8.52	7.28	8.65	6.70	8.57	2.00	8.60	6.02	2.00	2.00	2.00	2.00	9.90	2.00	8.96	9.92
100051840	TUBA1A	tubulin alpha 1a	7846	TUBA1A	tubulin alpha 1a	XP_001504224	6.98	6.90	2.00	2.00	6.20	6.84	5.79	7.16	2.00	2.00	5.79	6.56	2.00	2.00	2.00	2.00
100082583	APOA1	apolipoprotein A1	335	APOA1	apolipoprotein A1	XP_005611649	6.51	6.64	6.52	2.00	7.47	7.15	6.93	2.00	8.67	8.93	2.00	2.00	8.69	2.00	2.00	9.39
100052735	HNRNPK	heterogeneous nuclear ribonucleoprotein K	3190	HNRNPK	heterogeneous nuclear ribonucleo	XP_003364038	2.00	7.23	2.00	7.82	2.00	8.52	7.63	8.07	2.00	2.00	2.00	9.11	2.00	9.37	9.26	2.00
100070060	MUC4	mucin-4	4585	MUC4	mucin 4, cell surface associated	XP_023479343.XP	6.06	8.07	7.74	8.89	6.53	8.69	9.35	9.38	2.00	2.00	10.77	12.41	9.55	10.87	11.77	9.84
102150140	SMIM22	small integral membrane protein 22	440335	SMIM22	small integral membrane protein 2	XP_005599043	2.00	5.94	2.00	5.68	2.00	6.75	5.59	6.54	2.00	2.00	7.84	9.05	2.00	7.52	8.87	2.00
100462689	SERPINA14	serpin peptidase inhibitor clade A (alpha-1 ant	12	SERPINA14	serpin family A member 3	XP_014591983	8.55	7.27	10.04	7.71	9.25	9.41	9.99	8.79	6.38	6.78	2.00	9.63	11.17	8.07	10.77	10.49
100629766	MUC16	mucin 16, cell surface associated	94025	MUC16	mucin 16, cell surface associated	XP_023501276	6.16	2.00	2.00	2.00	6.34	6.24	6.28	2.00	2.00	2.00	8.47	8.77	8.95	2.00	8.50	8.97
100054410	DPSYL2	dihydrop																				