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Table 1

Probe Name	Annotation	Accession #	NS Probe ID	Class Name	Analyte Type	% Samples above Threshold	WT Normoxia pt2	WT Normoxia pt3	WT Normoxia pt4	CD19t Normoxia pt2	CD19t Normoxia pt3	CD19t Normoxia pt4	WT Hypoxia pt2	WT Hypoxia pt3	WT Hypoxia pt4	CD19t Hypoxia pt2	CD19t Hypoxia pt3	CD19t Hypoxia pt4	IL12 Normoxia pt2	IL12 Normoxia pt3	IL12 Normoxia pt4	HRE Normoxia pt2	HRE Normoxia pt3	HRE Normoxia pt4	IL12 Hypoxia pt2	IL12 Hypoxia pt3	IL12 Hypoxia pt4	HRE Hypoxia pt2	HRE Hypoxia pt3	HRE Hypoxia pt4
ABCC8		NM_000352.4	NM_000352.4:1760	Endogenous	mRNA	0	8	9	12	15	8	9	11	5	12	12	14	5	6	8	4	8	4	9	12	8	7	6	5	8
ACAD10		NM_001136538.1	NM_001136538.1:1905	Endogenous	mRNA	0	25	37	33	37	23	23	33	33	31	19	21	31	28	25	33	23	26	18	30	23	27	29	32	24
ACLY		NM_001096.2	NM_001096.2:3195	Endogenous	mRNA	100	445	462	525	415	475	357	365	394	537	370	418	470	477	504	437	453	507	478	410	440	401	388	416	463
ACOD1		NM_001258406.1	NM_001258406.1:1334	Endogenous	mRNA	0	5	7	6	7	12	10	11	13	11	9	16	9	11	5	10	9	7	8	7	9	9	7	8	15
ACOT1		NM_001037161.1	NM_001037161.1:84	Endogenous	mRNA	33.33	10	17	118	15	18	65	16	10	100	14	13	61	24	16	98	15	17	121	19	17	61	20	10	59
ACOT11		NM_015547.2	NM_015547.2:880	Endogenous	mRNA	0	22	11	16	8	11	6	27	18	21	17	13	13	14	9	8	18	14	8	27	9	17	15	8	13
ACOX1		NM_004035.5	NM_004035.5:2950	Endogenous	mRNA	100	550	581	532	484	517	425	402	336	501	421	429	455	545	560	513	568	598	528	467	432	430	400	435	431
ADAM19		NM_023038.3	NM_023038.3:1690	Endogenous	mRNA	0	5	8	5	6	10	4	9	12	6	7	6	4	5	10	6	4	6	4	6	4	5	9	4	10
ADAM8		NM_001109.4	NM_001109.4:762	Endogenous	mRNA	50	29	21	23	25	23	24	101	77	102	87	86	71	14	25	17	19	21	27	56	97	75	98	70	64
ADAMTS1		NM_006988.3	NM_006988.3:2840	Endogenous	mRNA	0	11	18	11	18	13	8	11	13	19	9	9	5	8	10	9	10	9	9	15	16	15	9	12	14
ADAMTS12		NM_030955.2	NM_030955.2:602	Endogenous	mRNA	0	6	12	19	15	12	10	10	16	15	10	12	11	5	12	9	9	5	12	8	8	18	6	6	7
ADAMTS14		XM_011539300.1	XM_011539300.1:1134	Endogenous	mRNA	0	6	5	8	12	5	8	12	6	11	11	8	14	7	12	9	6	9	3	6	4	11	10	10	7
ADAMTS17		NM_139057.2	NM_139057.2:828	Endogenous	mRNA	0	8	14	6	12	10	7	4	10	14	9	7	12	7	8	5	7	8	6	8	7	6	6	8	7
ADAMTS2		NM_021599.2	NM_021599.2:968	Endogenous	mRNA	0	8	10	11	16	10	14	7	13	12	7	11	10	7	6	17	9	19	7	8	14	9	4	15	4
ADAMTS3		NM_014243.2	NM_014243.2:2000	Endogenous	mRNA	0	7	11	7	4	9	7	8	9	9	7	7	8	6	3	8	4	6	7	5	4	7	5	4	11
ADAMTS4		NM_005099.4	NM_005099.4:1490	Endogenous	mRNA	0	11	7	12	8	14	14	10	11	11	10	2	18	13	8	7	13	10	4	10	4	7	13	6	5
ADAMTS9		NM_182920.1	NM_182920.1:145	Endogenous	mRNA	0	8	8	8	11	8	8	6	7	13	10	12	9	3	5	10	9	11	5	10	6	6	7	8	7
ADAMTS9-AS2		NR_038264.1	NR_038264.1:1052	Endogenous	mRNA	0	9	2	12	7	8	7	10	9	17	11	7	7	4	5	6	4	5	2	6	5	12	14	8	4
ADCYAP1R1		NM_001118.3	NM_001118.3:935	Endogenous	mRNA	0	5	7	1	9	6	3	4	4	3	5	5	11	3	4	4	6	7	2	4	8	2	3	2	2
ADGRE1		NM_001974.3	NM_001974.3:1520	Endogenous	mRNA	0	20	34	20	22	25	27	18	19	19	18	24	19	21	28	25	16	26	18	16	18	19	10	35	15
ADGRE5		NM_078481.2	NM_078481.2:1370	Endogenous	mRNA	100	729	985	923	691	912	702	605	609	943	608	718	777	701	895	794	755	874	912	616	758	748	612	757	853
ADORA2A		NM_000675.3	NM_000675.3:1095	Endogenous	mRNA	0	5	9	12	10	4	10	10	8	14	10	19	5	4	8	6	3	9	11	9	6	12	10	15	4
ADORA3		NM_000677.3	NM_000677.3:1725	Endogenous	mRNA	95.83	70	41	59	66	89	59	80	97	124	94	120	97	69	67	71	90	60	68	94	129	109	106	119	115
AIF1		NM_032955.1	NM_032955.1:185	Endogenous	mRNA	100	992	781	1158	892	815	934	658	530	873	716	755	815	1109	819	1064	1099	847	1083	822	719	801	842	641	859
AKAP13		NM_006738.4	NM_006738.4:5261	Endogenous	mRNA	100	185	169	214	205	195	157	167	143	203	180	148	184	210	208	174	223	189	183	225	156	202	200	191	177
ALCAM		NM_001627.3	NM_001627.3:789	Endogenous	mRNA	100	506	378	570	564	345	414	484	348	801	526	396	633	618	363	509	556	315	460	630	368	515	611	351	522
ALOX15		NM_001140.3	NM_001140.3:1910	Endogenous	mRNA	0	5	8	10	6	9	12	6	11	17	3	7	9	1	8	7	3	4	3	3	4	13	9	11	9
ALOX5		NM_000698.2	NM_000698.2:735	Endogenous	mRNA	83.33	91	21	87	80	38	76	86	47	112	97	62	90	110	34	90	99	27	111	119	76	95	97	63	120
ALOX5AP		NM_001629.2	NM_001629.2:367	Endogenous	mRNA	100	1391	717	641	1418	749	722	1102	415	538	1128	610	669	1442	698	800	1295	725	702	1174	613	627	1068	536	547
ANGPT1		NM_001146.3	NM_001146.3:2080	Endogenous	mRNA	0	9	9	9	12	6	5	8	5	13	10	5	6	6	5	7	8	3	6	3	5	12	6	4	7
ANGPT2		NM_001147.2	NM_001147.2:1775	Endogenous	mRNA	0	10	9	15	12	15	10	10	9	10	8	10	13	10	7	9	13	14	10	6	16	10	13	7	17
ANOS1		NM_000216.2	NM_000216.2:1135	Endogenous	mRNA	41.67	38	101	48	28	78	29	22	51	48	22	43	32	33	100	32	29	88	26	15	53	21	25	57	27
ANXA1		NM_000700.1	NM_000700.1:515	Endogenous	mRNA	100	2391	2261	3315	2260	2138	2028	2181	1616	3223	1840	1515	2149	2650	2236	2775	2590	2178	3020	2078	1658	2179	2012	1681	2306
ANXA4		NM_001153.2	NM_001153.2:430	Endogenous	mRNA	100	750	875	759	622	735	482	634	631	740	561	586	550	666	699	640	703	787	686	588	622	541	570	664	640
AOAH		NM_001637.3	NM_001637.3:1303	Endogenous	mRNA	100	206	292	310	294	396	326	187	217	308	218	339	401	278	346	390	281	382	353	227	333	348	227	302	368
APOE		NM_000041.2	NM_000041.2:96	Endogenous	mRNA	100	22192	30480	27643	24312	29623	23799	19897	22868	28366	23073	26821	27563	24148	30962	29343	26099	33304	31013	22735	28447	26527	23637	28502	30202
AREG		NM_001657.2	NM_001657.2:547	Endogenous	mRNA	0	6	5	4	3	8	6	5	6	8	4	13	7	4	6	8	6	3	5	9	1	6	2	7	4
ARF6		NM_001663.3	NM_001663.3:1362	Endogenous	mRNA	100	771	921	945	752	878	684	789	761	938	770	750	771	796	925	806	804	972	893	813	843	722	768	789	802
ARG1		NM_000045.3	NM_000045.3:673	Endogenous	mRNA	0	7	12	18	17	12	15	12	14	15	8	10	7	5	6	13	8	4	9	8	15	14	11	11	10
ARHGEF28		NM_001080479.2	NM_001080479.2:4945	Endogenous	mRNA	4.17	20	51	23	32	34	20	31	28	27	32	28	25	27	38	27	37	39	23	31	25	26	34	35	30
ARHGEF6		NM_004840.2	NM_004840.2:1465	Endogenous	mRNA	100	242	276	289	254	244	207	210	190	279	227	265	264	265	261	319	260	281	271	245	250	240	219	204	262
ARMC1		NM_018120.5	NM_018120.5:250	Endogenous	mRNA	100	147	155	140	116	120	119	114	116	142	117	99	122	112	164	127	134	141	133	112	108	106	117	125	85
ATF3		NM_001674.2	NM_001674.2:1757	Endogenous	mRNA	100	1153	1328	1521	1423	1559	1438	1786	1826	2719	1619	1934	1956	1301	1509	1467	1376	1546	1562	1527	2171	1836	1675	2124	2113
B4GALT4		NM_003778.3	NM_003778.3:625	Endogenous	mRNA	95.83	63	75	69	47	48	52	53	59	73	54	41	55	45	51	62	65	65	50	49	58	48	46	46	55
BATF		NM_006399.3	NM_006399.3:293	Endogenous	mRNA	0	11	9	8	4	8	15	10	4	12	11	9	4	8	15	12	11	10	18	8	7	7	9	3	8
BATF3		NM_018664.2	NM_018664.2:770	Endogenous	mRNA	0	16	14	13	18	18	23	18	18	23	20	20	19	9	18	13	13	17	22	17	13	16	17	14	14
BCL10		NM_003921.2	NM_003921.2:1250	Endogenous	mRNA	100	319	396	353	312	394	271	288	276	310	298	315	296	372	400	293	370	404	361	314	292	289	309	333	308
BCL2		NM_000657.2	NM_000657.2:947	Endogenous	mRNA	0	29	39	37	21	29	22	24	19	26	20	21	18	33	26	26	22	25	34	30	21	22	36	22	22
BCL6		NM_001706.2	NM_001706.2:675	Endogenous	mRNA	100	92	111	108	104	103	103	147	107	170	117	150	147	96	94	101	103	121	103	141	141	132	153	137	131
BID		NM_197966.2	NM_197966.2:964	Endogenous	mRNA	100	528	520	485	519	421	336	409	284	347	351	274	273	556	440	389	509	477	425	384	325	244	398	290	297
BIRC2		NM_001166.3	NM_001166.3:1760	Endogenous	mRNA	100	201	287	257	190	244	191	242	224	262	217	234	219	242	252	201	225	288	225	212	243	183	197	241	208
BIRC3		NM_182962.2	NM_182962.2:275	Endogenous	mRNA	50	49	24	67	52	35	54	37	18	45	42	27	55	43	30	71	59	37	86	27	21	48	45	23	41
BIRC5		NM_001168.2	NM_001168.2:1215	Endogenous	mRNA	0	10	21	33	17	18	14	29	29	17	16	13	11	14	13	15	10	7	10	12	12	16	17	10	10
BMP6		NM_001718.2	NM_001718.2:1045	Endogenous	mRNA	0	13	10	9	8	15	21	10	15	12	12	15	12	8	12	5	8	16	13	12	15	15	9	9	17
BMP8A		NM_181809.3	NM_181809.3:5015	Endogenous	mRNA	0	21	17	20	16	20	21	26	37	27	15	22	36	21	24	19	15	17	19	15	28	15	16	31	26
BTG2		NM_006763.2	NM_006763.2:1700	Endogenous	mRNA	100	140	223	182	179	221	200	202	246	284	184	310	319	158	204	210	141	206	206	216	324	299	207	299	272
BTK		NM_000061.1	NM_000061.1:570	Endogenous	mRNA	100	160	214	212	153	194	168	136	151	227	138	160	156	176	177	170	162	203	192	161	179	173	155	157	153
BTLA		NM_181780.2	NM_181780.2:305	Endogenous	mRNA	0	8	7	10	7	9	10	17	15	8	7	5	6	3	6	5	5	8	3	5	5	10	6	6	4
C1QA		NM_015991.2	NM_015991.2:718	Endogenous	mRNA	100	1161	345	723	757	231	370	586	94	401	529	117	272	1285	281	665	1225	335	639	795	117	370	708	112	355
C1QB		NM_000491.3	NM_000491.3:819	Endogenous	mRNA	100	1673	357	852	1255	311	488	828	104	424	824	140	325	1862	335	766	1969	350	809	1118	124	413	1178	127	417
C1QC		NM_001114101.1	NM_001114101.1:608	Endogenous	mRNA	100	1737	545	1111	1168	421	551	759	111	546	740	126	416	1913	439	879	1917	524	940	1099	121	457	982	132	446
C3		NM_000064.2	NM_000064.2:4396	Endogenous	mRNA	20.83	36	24	53	33	16	34	36	27	96	18	15	54	34	13	24	32	25	32	31	25	43	35	21	45
C3AR1		NM_004054.2	NM_004054.2:415	Endogenous	mRNA	100	573	568	841	637	584	660	459	579	735	603	627	788	647	587	786	644	601	756	594	757	669	652	760	766
C4A		NM_007293.2	NM_007293.2:1217	Endogenous	mRNA	0	4	8	4	4	4	9	10	9	7	6	6	7	4	2	3	5	4	4	7	10	12	4	4	2
C5		NM_001735.2	NM_001735.2:466	Endogenous	mRNA	4.17	17	18	27	33	20	21	25	43	22	18	30	23	24	28	20	17	16	32	19	16	25	15	17	28
C5AR1		NM_001736.2	NM_001736.2:1195	Endogenous	mRNA	100	1058	1082	840	1126	1286	877	915	870	805	910	932	764	1030	1138	867	1039	1095	751	968	952	724	886	856	733
CALR		NM_004343.2	NM_004343.2:965	Endogenous	mRNA	100	6968	8090	7932	6821	7845	6623	4837	4672	6968	5555	5245	6558	7857	8023	7035	7161	8019	7900	6054	5501	5868	5410	5452	6274
CAMP		NM_004345.3	NM_004345.3:220	Endogenous	mRNA	0	25	29	31	24	19	14	24	33	27	22	18	10	27	18	15	9	17	14	15	19	23	15	20	11
CASP1		NM_001223.3	NM_001223.3:971	Endogenous	mRNA	100	365	503	779	459	522	542	293	303	680	341	384	566	538	506	704	500	517	670	416	352	520	344	328	519
CASP10		NM_001230.4	NM_001230.4:350	Endogenous	mRNA	100	181	181	206	225	214	167	147	126	181	179	158	221	214	217	186	203	214	186	199	153	179	165	155	163
CASP5		NM_004347.1	NM_004347.1:580	Endogenous	mRNA	0	10	16	7	9	9	11	11	7	6	4	7	5	9	9	5	9	10	5	5	5	13	7	8	7
CASP7		NM_001227.3	NM_001227.3:915	Endogenous	mRNA	41.67	31	66	50	46	63	33	23	34	37	33	40	37	50	47	48	58	32	47	45	27	28	41	34	22
CAV1		NM_001753.3	NM_001753.3:434	Endogenous	mRNA	0	5	7	8	8	4	8	5	3	7	6	7	5	4	9	3	3	7	4	8	7	5	3	4	4
CBR1		NM_001757.2	NM_001757.2:367	Endogenous	mRNA	100	510	648	547	536	677	473	402	438	458	424	490	464	576	637	538	570	687	543	437	473	389	412	487	477
CCL1		NM_002981.1	NM_002981.1:157	Endogenous	mRNA	0	15	11	19	11	12	13	15	8	15	9	8	19	6	9	17	12	5	21	12	8	8	9	6	18
CCL11		NM_002986.2	NM_002986.2:378	Endogenous	mRNA	0	14	5	6	3	8	10	9	5	4	5	9	7	9	9	6	5	10	4	11	12	3	10	11	17
CCL13		NM_005408.2	NM_005408.2:320	Endogenous	mRNA	4.17	63	22	23	36	28	20	23	23	13	18	22	16	30	7	13	37	8	13	18	12	22	18	12	13
CCL14		NM_032963.3	NM_032963.3:274	Endogenous	mRNA	0	12	15	6	9	17	7	9	9	11	11	15	6	10	6	7	5	7	7	4	8	6	7	5	9
CCL15		NM_032965.3	NM_032965.3:112	Endogenous	mRNA	0	9	9	7	9	12	7	9	11	11	10	4	7	8	6	6	8	8	6	5	6	6	7	7	11
CCL16		NM_004590.2	NM_004590.2:367	Endogenous	mRNA	0	6	5	9	7	6	8	8	7	6	7	11	4	4	7	6	7	7	4	5	8	5	3	4	5
CCL17		NM_002987.2	NM_002987.2:229	Endogenous	mRNA	0	8	14	3	12	14	13	2	9	14	4	9	13	10	10	13	6	16	5	4	9	7	8	13	11
CCL18		NM_002988.2	NM_002988.2:585	Endogenous	mRNA	87.5	448	152	79	244	101	43	205	82	51	160	70	28	311	104	43	379	99	53	165	60	35	178	59	26
CCL19		NM_006274.2	NM_006274.2:401	Endogenous	mRNA	0	4	5	7	9	10	9	6	9	6	9	10	9	3	5	11	4	7	9	10	9	9	5	6	7
CCL2		NM_002982.3	NM_002982.3:123	Endogenous	mRNA	37.5	171	69	173	42	29	53	38	30	41	29	20	35	128	40	94	96	35	73	49	15	35	36	9	37
CCL20		NM_004591.1	NM_004591.1:35	Endogenous	mRNA	0	6	9	2	6	4	7	7	7	7	6	6	4	3	4	5	5	5	9	5	5	5	3	8	5
CCL21		NM_002989.2	NM_002989.2:180	Endogenous	mRNA	0	11	12	19	15	20	15	22	18	8	10	24	18	11	10	12	9	10	5	11	10	11	8	13	12
CCL22		NM_002990.3	NM_002990.3:797	Endogenous	mRNA	100	9729	8797	13385	5832	5217	6855	7085	3889	11591	4970	1797	7243	6248	5958	8151	7200	6666	11337	4991	2693	7029	5117	2772	7210
CCL23		NM_145898.1	NM_145898.1:336	Endogenous	mRNA	0	21	11	17	18	13	9	7	8	8	8	10	11	30	15	11	21	25	18	13	9	10	9	12	10
CCL24		NM_002991.2	NM_002991.2:18	Endogenous	mRNA	0	18	17	24	17	25	21	9	9	8	15	17	6	17	12	19	16	20	22	11	17	11	20	10	10
CCL25		NM_005624.2	NM_005624.2:325	Endogenous	mRNA	0	5	18	23	18	11	9	25	18	12	14	13	17	21	9	8	11	11	14	15	12	17	13	9	10
CCL26		NM_006072.4	NM_006072.4:184	Endogenous	mRNA	0	12	18	12	20	15	16	21	23	11	6	15	7	15	7	9	9	9	4	5	13	6	4	13	8
CCL27		NM_006664.2	NM_006664.2:304	Endogenous	mRNA	0	2	7	3	9	3	7	7	4	6	7	5	4	2	5	6	3	4	5	7	4	8	6	3	7
CCL28		NM_148672.2	NM_148672.2:407	Endogenous	mRNA	25	15	17	23	25	21	17	54	60	65	31	27	32	13	14	24	17	13	8	39	43	48	52	42	41
CCL3		NM_002983.2	NM_002983.2:159	Endogenous	mRNA	100	295	320	316	197	174	126	239	106	225	200	96	127	227	206	182	226	198	233	220	133	170	190	124	121
CCL3L1		NM_021006.4	NM_021006.4:421	Endogenous	mRNA	100	663	577	752	455	320	285	539	288	585	465	197	300	527	416	403	557	465	547	483	289	363	482	277	363
CCL4		NM_002984.2	NM_002984.2:201	Endogenous	mRNA	20.83	75	30	53	35	22	25	41	23	51	17	25	26	31	17	45	42	15	54	36	14	30	22	12	28
CCL5		NM_002985.2	NM_002985.2:280	Endogenous	mRNA	25	49	27	46	34	31	29	43	17	40	32	22	19	36	18	25	51	22	37	28	12	45	54	22	35
CCL7		NM_006273.2	NM_006273.2:120	Endogenous	mRNA	87.5	83	66	113	78	51	91	82	46	122	69	42	103	77	49	129	52	55	113	92	35	113	67	32	110
CCL8		NM_005623.2	NM_005623.2:689	Endogenous	mRNA	0	7	11	10	10	9	6	12	7	3	8	6	7	8	12	10	7	6	10	9	6	10	4	4	7
CCNB2		NM_004701.2	NM_004701.2:980	Endogenous	mRNA	41.67	26	30	47	30	38	46	35	44	69	45	57	56	30	28	30	27	26	34	29	65	39	42	46	59
CCR1		NM_001295.2	NM_001295.2:535	Endogenous	mRNA	100	644	922	729	529	757	468	457	519	536	527	528	439	637	785	597	597	835	573	541	644	429	494	597	406
CCR2		NM_001123041.2	NM_001123041.2:743	Endogenous	mRNA	0	9	3	8	9	11	11	8	5	8	8	8	5	13	6	9	5	5	2	9	6	4	7	8	8
CCR3		NM_001837.2	NM_001837.2:980	Endogenous	mRNA	0	19	16	23	19	20	24	17	17	22	11	27	10	5	14	17	9	9	13	17	11	18	20	16	13
CCR4		NM_005508.4	NM_005508.4:672	Endogenous	mRNA	8.33	10	14	51	10	8	36	13	21	40	15	22	31	11	14	30	12	20	48	13	13	42	12	14	42
CCR5		NM_000579.1	NM_000579.1:2730	Endogenous	mRNA	100	110	113	104	177	131	100	143	94	153	155	134	147	177	142	117	161	113	113	177	138	129	192	143	136
CCR6		NM_031409.2	NM_031409.2:935	Endogenous	mRNA	0	7	4	5	14	7	2	1	11	6	8	5	11	6	5	8	4	7	4	5	9	7	11	7	8
CCR7		NM_001838.2	NM_001838.2:1610	Endogenous	mRNA	0	13	13	33	17	16	25	19	20	23	20	9	18	13	11	11	11	17	11	14	14	18	11	17	9
CCR8		NM_005201.2	NM_005201.2:245	Endogenous	mRNA	0	7	7	11	6	10	8	7	5	7	9	12	6	12	10	12	5	6	4	7	7	15	13	9	15
CCR9		NM_031200.1	NM_031200.1:1095	Endogenous	mRNA	12.5	23	41	28	33	41	24	49	40	48	39	36	36	30	38	39	24	42	33	35	36	46	35	42	34
CCRL2		NM_003965.4	NM_003965.4:1110	Endogenous	mRNA	100	660	862	656	633	760	456	425	367	518	536	430	482	687	779	533	658	840	642	585	432	446	499	407	417
CD14		NM_000591.2	NM_000591.2:885	Endogenous	mRNA	100	914	360	686	521	404	519	420	134	570	368	218	452	716	392	593	713	349	528	515	175	407	421	151	437
CD151		NM_139029.1	NM_139029.1:980	Endogenous	mRNA	100	197	258	252	188	231	186	172	189	302	140	177	245	176	229	247	180	222	241	162	223	239	173	190	215
CD163		NM_004244.4	NM_004244.4:1630	Endogenous	mRNA	95.83	742	355	686	332	176	321	250	66	259	116	35	151	544	206	422	582	227	499	231	43	219	256	54	200
CD180		NM_005582.2	NM_005582.2:1036	Endogenous	mRNA	100	186	251	259	203	232	196	387	314	427	300	389	404	228	231	219	210	230	209	347	398	347	347	331	381
CD1A		NM_001763.2	NM_001763.2:1815	Endogenous	mRNA	0	10	15	13	13	15	10	10	18	10	11	13	10	12	12	13	11	14	9	12	17	7	7	8	11
CD1B		NM_001764.2	NM_001764.2:142	Endogenous	mRNA	0	19	15	14	26	29	26	22	17	22	14	25	13	14	18	15	9	14	11	13	17	19	19	14	12
CD1C		NM_001765.2	NM_001765.2:750	Endogenous	mRNA	0	22	19	20	14	24	12	13	21	18	12	16	10	23	17	16	20	15	10	15	10	7	15	10	7
CD1E		NM_001042583.1	NM_001042583.1:180	Endogenous	mRNA	0	10	10	11	17	18	10	11	15	19	8	12	8	7	15	9	11	11	10	8	16	15	9	9	14
CD209		NM_001144899.1	NM_001144899.1:665	Endogenous	mRNA	8.33	50	27	32	28	22	20	26	9	16	22	5	10	42	19	28	55	15	31	24	8	15	32	9	18
CD244		NM_001166663.1	NM_001166663.1:22	Endogenous	mRNA	0	9	7	12	9	3	7	13	8	9	10	12	7	3	4	6	2	3	2	11	10	6	5	7	8

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CD247		NM_198053.2	NM_198053.2:344	Endogenous	mRNA	0	11	9	11	12	10	8	11	5	14	13	8	12	10	11	8	3	10	7	10	10	2	3	12	8
CD27		NM_001242.4	NM_001242.4:330	Endogenous	mRNA	0	5	4	4	11	4	11	5	6	7	7	4	6	10	7	7	3	4	2	5	2	6	6	7	7
CD274		NM_014143.3	NM_014143.3:49	Endogenous	mRNA	87.5	77	72	59	60	61	47	54	43	62	47	44	29	63	67	52	59	74	51	46	43	37	46	49	31
CD276		NM_001024736.1	NM_001024736.1:2120	Endogenous	mRNA	100	1549	1485	1735	1337	1106	1050	1276	950	1570	1214	808	1111	1606	1322	1290	1575	1384	1565	1432	1067	1066	1287	1006	1315
CD28		NM_001243078.1	NM_001243078.1:2065	Endogenous	mRNA	0	17	12	14	13	5	5	10	10	6	7	8	5	10	6	5	9	10	7	10	3	6	10	3	6
CD34		NM_001025109.1	NM_001025109.1:1580	Endogenous	mRNA	0	11	5	8	12	11	9	9	10	11	13	7	10	4	4	7	9	7	8	5	8	6	9	4	5
CD36		NM_000072.3	NM_000072.3:707	Endogenous	mRNA	100	1686	2398	2592	1887	2492	1821	1585	1691	2273	1761	1763	2016	2078	2393	1988	1891	2374	1990	1759	1866	1611	1624	1790	1730
CD38		NM_001775.2	NM_001775.2:1035	Endogenous	mRNA	0	7	2	6	9	10	6	10	10	9	11	9	8	8	8	11	10	8	7	7	7	10	16	8	6
CD40		NM_001250.4	NM_001250.4:196	Endogenous	mRNA	100	305	267	289	244	242	250	177	100	204	193	131	209	269	236	274	261	249	298	191	154	166	175	149	209
CD40LG		NM_000074.2	NM_000074.2:1225	Endogenous	mRNA	0	5	7	5	11	11	7	9	7	8	7	11	5	9	4	13	5	9	5	9	3	4	11	8	7
CD44		NM_001001392.1	NM_001001392.1:429	Endogenous	mRNA	100	1417	1130	2132	1613	1332	1979	1312	978	2176	1431	1295	2244	1491	1229	2123	1553	1185	2085	1365	1185	1958	1433	1242	2262
CD47		NM_001777.3	NM_001777.3:897	Endogenous	mRNA	100	821	1067	866	798	939	622	555	479	626	598	604	583	849	927	674	846	1048	722	639	559	498	612	509	527
CD68		NM_001251.2	NM_001251.2:1140	Endogenous	mRNA	100	7941	9636	7097	7537	8396	5103	6565	6911	6722	6588	6657	5395	7629	8721	5564	7944	9547	6430	6677	7347	5258	6689	7098	5681
CD69		NM_001781.1	NM_001781.1:460	Endogenous	mRNA	0	3	11	4	6	7	6	5	5	7	13	6	11	3	3	7	9	6	2	7	9	7	8	7	4
CD70		NM_001252.2	NM_001252.2:190	Endogenous	mRNA	0	10	14	24	27	20	20	22	27	14	20	16	19	15	21	21	4	10	9	19	15	11	18	16	20
CD74		NM_001025159.1	NM_001025159.1:964	Endogenous	mRNA	100	17062	9645	13691	18250	12427	14467	13010	5365	11363	15800	9474	14961	22890	11689	17865	22240	11621	15852	19217	8740	13893	18323	8050	13867
CD80		NM_005191.3	NM_005191.3:674	Endogenous	mRNA	29.17	69	34	46	55	40	30	37	19	38	43	16	21	53	31	27	45	28	39	52	19	14	32	26	16
CD83		NM_004233.3	NM_004233.3:1960	Endogenous	mRNA	100	761	1090	877	738	895	600	673	638	823	629	562	713	787	938	736	737	971	802	627	639	628	625	654	693
CD84		NM_003874.3	NM_003874.3:680	Endogenous	mRNA	100	2192	2316	1930	2254	2649	1821	1435	1397	1576	1815	1873	1878	2188	2556	1964	2349	2595	2083	1808	1854	1702	1638	1729	1614
CD86		NM_175862.3	NM_175862.3:1265	Endogenous	mRNA	100	212	252	214	277	330	293	183	205	235	230	295	267	290	310	300	285	315	256	182	290	247	231	288	235
CD99		NM_002414.4	NM_002414.4:592	Endogenous	mRNA	100	192	228	183	190	194	143	212	182	231	176	163	155	181	193	147	230	209	155	170	198	145	186	178	150
CDC20		NM_001255.2	NM_001255.2:430	Endogenous	mRNA	0	6	15	14	10	8	7	9	13	17	8	10	4	6	7	6	9	5	6	5	7	8	5	7	10
CDH1		NM_004360.2	NM_004360.2:535	Endogenous	mRNA	0	12	23	18	18	26	23	16	22	7	8	15	8	5	12	14	13	13	7	7	6	7	13	12	11
CDH11		NM_001797.2	NM_001797.2:1835	Endogenous	mRNA	0	2	2	5	11	9	7	5	11	8	7	4	1	4	8	10	4	3	6	2	4	5	5	5	4
CDH13		NM_001220488.1	NM_001220488.1:210	Endogenous	mRNA	0	15	10	11	11	15	12	13	14	18	11	15	14	14	14	11	13	11	8	11	17	11	12	12	6
CDH2		NM_001792.3	NM_001792.3:941	Endogenous	mRNA	0	5	8	7	7	8	7	9	9	7	9	13	5	6	4	9	8	5	8	12	4	7	6	8	8
CDH4		NM_001794.2	NM_001794.2:1060	Endogenous	mRNA	0	4	12	15	19	20	7	13	22	10	15	12	13	9	18	13	16	13	11	6	13	10	18	19	17
CDH5		NM_001795.3	NM_001795.3:3405	Endogenous	mRNA	0	9	13	12	13	15	17	24	27	16	13	16	9	12	10	11	7	12	12	9	13	13	10	16	18
CDKN1A		NM_000389.2	NM_000389.2:1975	Endogenous	mRNA	100	1153	801	1036	1475	1462	1467	757	450	759	993	908	1307	1255	1144	1216	1270	1118	1156	895	701	922	853	678	902
CEACAM1		NM_001712.3	NM_001712.3:2455	Endogenous	mRNA	0	7	12	29	16	21	9	22	24	12	17	20	12	17	19	17	11	6	13	13	14	22	10	18	18
CEACAM8		NM_001816.3	NM_001816.3:825	Endogenous	mRNA	0	4	11	7	5	11	12	10	17	10	8	6	12	8	10	12	4	8	5	14	10	9	9	5	3
CEBPA		NM_004364.2	NM_004364.2:1320	Endogenous	mRNA	100	1862	2238	1967	1854	2017	1455	1310	1120	1586	1532	1199	1516	1950	2126	1725	1972	2140	1897	1480	1244	1427	1510	1256	1468
CEBPB		NM_005194.2	NM_005194.2:1420	Endogenous	mRNA	100	1709	2459	1779	1815	2424	1573	1628	1736	1931	1618	1918	1847	1791	2416	1715	1782	2567	1816	1666	2079	1651	1632	1987	1639
CEBPD		NM_005195.3	NM_005195.3:939	Endogenous	mRNA	100	413	384	507	467	586	608	370	354	518	365	524	572	503	587	697	527	600	592	440	485	529	482	461	501
CEBPG		NM_001806.2	NM_001806.2:680	Endogenous	mRNA	100	257	281	289	308	283	231	241	171	267	241	194	263	292	301	294	291	314	258	282	219	216	251	196	216
CETP		NM_000078.2	NM_000078.2:662	Endogenous	mRNA	0	18	17	27	21	27	17	30	24	27	15	19	12	13	23	29	8	12	12	24	15	14	19	22	14
CLC		NM_001828.4	NM_001828.4:90	Endogenous	mRNA	0	7	12	11	11	11	8	12	9	14	6	6	4	10	4	6	8	5	6	13	9	14	7	8	9
CLDN1		NM_021101.3	NM_021101.3:410	Endogenous	mRNA	0	6	10	14	13	9	4	16	7	9	11	12	6	6	6	5	9	13	7	15	10	9	6	9	8
CLEC1B		NM_016509.3	NM_016509.3:649	Endogenous	mRNA	0	9	6	5	9	11	8	12	10	10	8	4	9	7	4	4	4	5	6	5	9	10	3	2	2
CLEC5A		NM_013252.2	NM_013252.2:3250	Endogenous	mRNA	50	133	24	37	69	15	30	190	15	87	106	21	58	152	10	36	104	11	31	232	18	53	199	8	59
CLEC7A		NM_197954.2	NM_197954.2:55	Endogenous	mRNA	100	182	344	264	198	293	189	115	105	139	107	142	146	211	301	205	204	296	188	148	115	154	133	108	144
CLEC9A		NM_207345.2	NM_207345.2:480	Endogenous	mRNA	0	4	10	5	4	6	6	8	3	6	3	3	3	8	8	5	7	5	4	6	5	3	8	3	1
CLIC4		NM_013943.2	NM_013943.2:1702	Endogenous	mRNA	100	1367	1647	1164	1284	1345	769	1101	1158	1284	1052	1047	948	1262	1395	853	1342	1487	965	1147	1070	856	1066	1135	959
CMA1		NM_001836.2	NM_001836.2:561	Endogenous	mRNA	0	6	7	9	13	5	8	9	9	7	1	6	6	5	8	3	7	3	9	4	6	9	5	11	3
CNKSR1		NM_006314.2	NM_006314.2:1406	Endogenous	mRNA	0	12	13	9	8	12	12	8	6	9	11	15	11	9	14	9	6	16	7	7	16	12	11	12	12
CNN2		NM_004368.3	NM_004368.3:609	Endogenous	mRNA	100	308	290	325	309	247	270	264	160	271	235	171	276	341	252	308	323	258	292	282	189	252	244	175	231
COASY		NM_025233.5	NM_025233.5:1109	Endogenous	mRNA	0	22	37	34	31	32	39	42	34	32	23	25	17	33	26	39	24	33	41	27	24	23	28	37	23
COL10A1		NM_000493.3	NM_000493.3:135	Endogenous	mRNA	0	4	4	1	3	3	5	9	6	2	5	4	2	7	1	4	2	1	1	8	1	5	1	6	7
COL11A1		NM_001854.3	NM_001854.3:674	Endogenous	mRNA	0	15	16	18	12	17	11	16	16	28	12	15	11	7	12	10	15	19	7	15	9	16	14	9	13
COL12A1		NM_004370.5	NM_004370.5:5829	Endogenous	mRNA	0	3	8	10	9	7	10	14	7	6	5	3	5	6	5	9	5	4	4	5	6	2	5	7	15
COL14A1		NM_021110.1	NM_021110.1:1865	Endogenous	mRNA	0	10	12	12	18	15	10	19	12	10	7	14	11	19	11	6	9	9	4	7	13	10	10	15	7
COL15A1		NM_001855.2	NM_001855.2:3035	Endogenous	mRNA	0	7	7	12	6	11	24	11	9	13	10	9	6	10	5	10	9	9	11	9	10	9	8	9	9
COL17A1		NM_000494.3	NM_000494.3:5070	Endogenous	mRNA	0	12	17	16	16	15	8	11	15	11	11	12	9	16	9	13	12	10	4	11	10	13	11	8	11
COL1A2		NM_000089.3	NM_000089.3:2635	Endogenous	mRNA	0	12	13	18	15	18	10	12	21	9	15	16	7	12	15	14	2	15	9	20	11	16	14	11	8
COL3A1		NM_000090.3	NM_000090.3:180	Endogenous	mRNA	0	4	9	6	13	6	8	11	14	14	6	8	8	7	10	4	10	6	7	11	12	7	12	9	10
COL4A1		NM_001845.4	NM_001845.4:780	Endogenous	mRNA	4.17	16	16	43	13	11	23	19	7	35	8	8	16	9	10	19	15	11	14	9	11	13	12	8	24
COL4A2		NM_001846.2	NM_001846.2:1150	Endogenous	mRNA	0	11	19	19	10	12	12	11	15	17	5	12	10	11	7	16	7	13	11	5	7	14	12	9	10
CPA3		NM_001870.2	NM_001870.2:220	Endogenous	mRNA	0	5	11	10	8	11	6	8	7	13	9	7	5	11	6	6	6	5	1	6	5	14	7	10	9
CRABP2		NM_001199723.1	NM_001199723.1:802	Endogenous	mRNA	100	2100	2233	1978	1882	2046	1506	1795	1308	2142	1663	1189	1614	2226	2096	1802	2154	2292	1947	1983	1487	1614	1794	1418	1758
CREM		NM_181571.2	NM_181571.2:767	Endogenous	mRNA	100	143	118	141	175	156	115	136	112	130	132	116	119	193	128	131	189	119	138	126	103	113	156	114	131
CRIP1		NM_001311.4	NM_001311.4:269	Endogenous	mRNA	100	237	170	160	299	240	222	365	289	345	394	396	369	232	215	204	241	226	190	345	437	355	321	405	354
CSF1		NM_000757.4	NM_000757.4:823	Endogenous	mRNA	100	701	615	996	465	300	392	628	261	910	383	139	330	565	366	462	521	424	659	500	219	442	430	203	473
CSF1R		NM_005211.2	NM_005211.2:3775	Endogenous	mRNA	58.33	20	36	46	49	48	47	54	36	48	57	45	41	69	37	40	45	34	41	29	47	58	46	37	47
CSF2		NM_000758.2	NM_000758.2:475	Endogenous	mRNA	0	1	7	7	3	5	8	3	6	5	5	3	4	3	8	2	4	2	5	6	7	3	5	6	5
CSF2RA		NM_006140.3	NM_006140.3:660	Endogenous	mRNA	79.17	108	28	49	119	36	68	152	62	130	147	57	95	147	31	74	133	32	55	176	48	105	161	41	110
CSF3		NM_000759.3	NM_000759.3:851	Endogenous	mRNA	0	5	15	18	19	15	15	11	12	14	18	17	6	4	12	10	6	8	5	8	15	11	9	17	8
CSF3R		NM_000760.3	NM_000760.3:2066	Endogenous	mRNA	100	134	294	256	170	291	276	140	197	267	204	311	328	183	339	297	204	335	313	195	321	272	185	286	313
CSTB		NM_000100.2	NM_000100.2:320	Endogenous	mRNA	100	59987	77590	59893	52887	62018	38006	75448	77195	90346	68236	71595	62219	58599	71068	48362	59856	76562	58243	70490	86637	62434	71682	82014	68343
CTGF		NM_001901.2	NM_001901.2:1100	Endogenous	mRNA	0	4	10	5	8	13	10	8	6	14	5	4	5	8	10	6	3	7	4	6	9	9	5	6	10
CTLA4		NM_005214.3	NM_005214.3:405	Endogenous	mRNA	0	8	14	8	12	8	3	11	14	13	11	8	8	6	12	10	12	11	5	10	9	5	4	11	6
CTNNB1		NM_001098210.1	NM_001098210.1:1815	Endogenous	mRNA	100	1252	1514	1391	1303	1435	1057	1066	943	1235	1164	1118	1209	1410	1386	1173	1328	1447	1312	1152	1206	1075	1158	1132	1062
CTSA		NM_001127695.1	NM_001127695.1:1540	Endogenous	mRNA	100	2295	3445	3223	2229	3149	2337	1844	2319	3109	1993	2616	2693	2471	3326	2872	2509	3609	3002	2106	2961	2658	2035	2822	2618
CTSD		NM_001909.3	NM_001909.3:1495	Endogenous	mRNA	100	21891	27806	21009	16337	19720	11041	18796	18895	20754	16751	15873	13970	15893	19939	12238	16690	21499	14033	16916	18182	13035	16748	17297	12981
CTSG		NM_001911.2	NM_001911.2:160	Endogenous	mRNA	0	7	11	4	8	2	6	6	9	6	6	4	8	4	1	9	5	6	7	3	4	6	4	8	7
CTSL		NM_001912.4	NM_001912.4:1072	Endogenous	mRNA	100	4842	4523	4179	3300	2837	1938	3372	2539	3160	2662	1800	1850	3755	3207	2538	4017	3521	3159	2895	2134	1817	2905	2181	2060
CTSS		NM_004079.3	NM_004079.3:685	Endogenous	mRNA	100	49660	61473	53640	51202	58212	42631	42992	40366	51178	46196	45362	46829	54065	62128	50259	55118	64099	54752	46108	50204	45049	45139	48400	44024
CTTNBP2		NM_033427.2	NM_033427.2:2894	Endogenous	mRNA	0	4	5	14	10	6	10	7	10	10	7	8	13	17	10	11	8	4	7	12	9	8	11	5	7
CX3CL1		NM_002996.3	NM_002996.3:1216	Endogenous	mRNA	0	5	7	4	5	12	4	10	8	12	14	10	11	7	6	8	7	9	9	13	10	5	9	5	9
CX3CR1		NM_001337.3	NM_001337.3:1040	Endogenous	mRNA	0	9	11	20	8	10	16	7	10	8	5	10	6	15	9	19	9	14	10	10	12	8	7	10	14
CXCL1		NM_001511.1	NM_001511.1:742	Endogenous	mRNA	0	14	9	11	10	8	12	15	10	9	7	4	9	11	4	7	3	8	5	2	4	6	17	8	4
CXCL10		NM_001565.3	NM_001565.3:168	Endogenous	mRNA	0	7	13	13	14	8	11	10	10	18	6	17	9	12	6	4	12	4	13	4	8	18	4	8	8
CXCL11		NM_005409.4	NM_005409.4:282	Endogenous	mRNA	0	6	13	24	14	22	16	19	14	12	18	12	12	11	10	9	9	3	9	10	11	7	11	11	18
CXCL12		NM_199168.3	NM_199168.3:69	Endogenous	mRNA	0	7	14	15	19	18	12	17	15	14	18	12	13	12	19	7	7	14	13	11	12	14	11	10	16
CXCL13		NM_006419.2	NM_006419.2:210	Endogenous	mRNA	0	6	6	9	5	9	7	8	6	7	1	12	8	5	7	4	3	5	3	5	5	5	3	5	5
CXCL14		NM_004887.4	NM_004887.4:1125	Endogenous	mRNA	0	10	15	13	16	15	12	22	17	14	18	12	3	8	11	14	7	6	7	12	14	8	10	10	11

1

CXCL16		NM_001100812.1	NM_001100812.1:850	Endogenous	mRNA	100	1194	1428	1244	1440	1546	1138	1063	923	1190	1212	1276	1295	1371	1425	1305	1397	1483	1209	1145	1167	1128	1089	1006	1103
CXCL2		NM_002089.3	NM_002089.3:854	Endogenous	mRNA	75	90	30	40	67	26	41	219	56	103	95	44	46	104	53	40	80	53	42	118	61	54	202	51	47
CXCL3		NM_002090.2	NM_002090.2:540	Endogenous	mRNA	16.67	31	14	11	31	18	8	139	35	47	38	15	19	32	26	23	35	13	15	60	32	25	77	16	18
CXCL5		NM_002994.3	NM_002994.3:250	Endogenous	mRNA	0	12	9	8	7	2	10	22	14	7	4	6	9	8	9	9	13	12	6	13	15	5	28	11	9
CXCL6		NM_002993.3	NM_002993.3:539	Endogenous	mRNA	0	6	2	8	9	6	8	11	9	9	8	7	5	8	5	2	4	7	1	9	5	3	7	7	8
CXCL8		NM_000584.2	NM_000584.2:25	Endogenous	mRNA	29.17	18	15	8	25	20	17	159	67	75	33	51	29	7	14	13	13	8	12	39	58	19	46	53	23
CXCL9		NM_002416.1	NM_002416.1:1975	Endogenous	mRNA	0	12	10	23	15	12	14	21	24	28	10	7	7	22	12	20	11	14	23	13	12	24	16	12	12
CXCR1		NM_000634.2	NM_000634.2:1950	Endogenous	mRNA	0	35	25	33	24	21	17	26	20	17	16	9	13	24	27	15	23	22	25	14	18	17	21	14	17
CXCR2		NM_001168298.1	NM_001168298.1:676	Endogenous	mRNA	0	9	13	11	11	13	16	14	17	14	8	16	13	13	12	13	14	10	9	12	9	7	7	7	9
CXCR3		NM_001504.1	NM_001504.1:80	Endogenous	mRNA	0	17	17	23	13	18	10	11	17	14	18	16	13	14	19	18	12	10	17	10	20	13	15	9	21
CXCR4		NM_003467.2	NM_003467.2:1335	Endogenous	mRNA	100	334	572	412	454	665	522	927	1153	1128	964	1284	1074	382	555	508	403	589	379	922	1383	936	957	1265	1037
CXCR5		NM_001716.3	NM_001716.3:2618	Endogenous	mRNA	0	4	12	9	2	14	8	4	9	9	6	4	10	4	7	14	6	11	10	2	7	7	4	5	9
CXCR6		NM_006564.1	NM_006564.1:95	Endogenous	mRNA	0	6	7	7	14	13	8	9	6	9	8	8	4	9	9	9	10	11	3	9	5	9	10	3	4
CYBB		NM_000397.3	NM_000397.3:2686	Endogenous	mRNA	100	3861	5213	4336	3309	4583	3012	1695	1730	2243	1980	2051	2277	4027	5316	3958	4134	5450	4237	2156	2238	2218	1874	2160	2171
CYP1B1		NM_000104.3	NM_000104.3:1715	Endogenous	mRNA	100	1115	1019	1355	1193	941	1154	989	833	1546	1043	701	1335	1229	853	1194	1155	1003	1350	1030	796	1245	988	868	1425
CYP3A4		NM_017460.5	NM_017460.5:264	Endogenous	mRNA	0	9	18	11	20	9	15	14	16	8	12	20	16	14	12	13	10	9	8	9	9	10	16	14	9
CYR61		NM_001554.3	NM_001554.3:1390	Endogenous	mRNA	0	4	9	6	7	8	6	5	12	9	2	6	5	7	4	4	5	10	4	6	4	5	7	5	3
CYSLTR1		NM_006639.2	NM_006639.2:90	Endogenous	mRNA	100	122	102	121	130	125	97	72	47	68	112	82	73	173	120	118	178	129	103	116	76	87	94	67	97
CYTIP		NM_004288.4	NM_004288.4:1065	Endogenous	mRNA	100	276	257	275	407	338	286	486	438	512	546	551	497	381	337	301	365	322	295	568	565	475	609	507	485
DAGLB		NM_139179.3	NM_139179.3:265	Endogenous	mRNA	100	107	133	134	128	129	101	121	73	93	109	80	109	148	142	117	160	124	118	102	98	106	120	91	122
DAXX		NM_001350.3	NM_001350.3:1875	Endogenous	mRNA	100	117	170	184	117	173	129	116	125	178	100	150	136	125	134	172	128	154	156	127	125	123	123	122	129
DDR2		NM_006182.2	NM_006182.2:1706	Endogenous	mRNA	0	6	4	3	6	9	3	11	5	6	4	5	5	3	5	4	5	8	6	6	8	7	9	10	3
DES		NM_001927.3	NM_001927.3:693	Endogenous	mRNA	0	8	10	12	12	5	5	11	6	10	5	9	6	4	6	8	8	5	6	6	8	6	9	8	6
DHRS3		NM_004753.4	NM_004753.4:1266	Endogenous	mRNA	100	460	611	513	395	605	400	576	766	730	607	1037	629	401	564	455	454	644	443	628	1070	572	672	944	639
DNAJB6		NM_005494.2	NM_005494.2:636	Endogenous	mRNA	100	1070	1231	1141	1130	1309	923	844	816	1032	1008	1065	1104	1187	1301	1129	1225	1312	1096	983	1036	974	977	938	936
DPP4		NM_001935.3	NM_001935.3:2700	Endogenous	mRNA	100	50	53	82	56	45	45	88	95	170	64	54	68	51	51	64	55	44	66	70	67	78	73	64	89
DUSP1		NM_004417.2	NM_004417.2:987	Endogenous	mRNA	100	133	111	140	118	98	114	159	103	131	123	113	114	126	112	129	112	119	101	131	93	102	132	105	125
DUSP2		NM_004418.3	NM_004418.3:1235	Endogenous	mRNA	100	238	194	249	210	217	236	207	137	275	198	140	290	162	163	217	189	183	235	207	147	245	197	121	225
DUSP6		NM_001946.2	NM_001946.2:1535	Endogenous	mRNA	100	564	381	575	464	283	316	480	314	496	485	249	332	539	289	430	569	333	461	500	327	307	476	333	370
EDN1		NM_001168319.1	NM_001168319.1:613	Endogenous	mRNA	0	9	12	11	10	12	10	7	10	11	7	9	5	16	14	12	7	11	8	12	10	6	16	16	10
EGF		NM_001963.4	NM_001963.4:1022	Endogenous	mRNA	0	10	14	14	22	13	17	9	21	21	21	19	5	15	17	12	16	6	10	10	8	15	18	17	12
EGR2		NM_000399.3	NM_000399.3:1891	Endogenous	mRNA	100	359	487	454	424	538	420	304	348	448	373	451	416	445	500	458	383	533	479	388	483	415	349	447	373
EGR3		NM_004430.2	NM_004430.2:3170	Endogenous	mRNA	0	14	23	10	14	21	13	10	22	14	9	16	19	12	15	15	11	17	13	21	26	18	19	10	14

EIF4EBP2		NM_004096.4	NM_004096.4:4490	Endogenous	mRNA	100	251	300	297	323	369	273	242	218	297	287	324	311	339	375	326	331	348	306	353	350	310	315	290	274
ELANE		NM_001972.2	NM_001972.2:195	Endogenous	mRNA	0	9	11	17	17	9	19	19	12	13	17	18	7	8	13	11	9	9	3	7	6	10	12	10	10
ELL2		NM_012081.5	NM_012081.5:1226	Endogenous	mRNA	100	234	234	284	227	196	201	248	197	252	182	165	210	257	166	195	221	170	244	192	175	201	228	181	200
ELOVL6		NM_001130721.1	NM_001130721.1:1035	Endogenous	mRNA	0	11	9	9	12	11	19	7	8	20	6	6	13	8	13	12	12	11	12	13	10	11	15	17	20
EMP1		NM_001423.1	NM_001423.1:2000	Endogenous	mRNA	100	3953	4790	3666	3717	4201	2374	4013	3741	4324	3540	3326	2738	3883	4091	2645	3654	4398	3079	3828	3944	2606	3476	3876	2887
EN1		NM_001426.3	NM_001426.3:2360	Endogenous	mRNA	0	6	10	7	8	13	10	7	7	5	10	13	6	9	3	6	7	7	6	4	6	7	2	8	4
ENC1		NM_003633.2	NM_003633.2:4710	Endogenous	mRNA	100	93	93	117	72	88	88	106	137	155	91	179	168	63	84	92	76	86	87	102	172	152	88	156	156
ENPEP		NM_001977.3	NM_001977.3:2940	Endogenous	mRNA	0	10	13	11	3	6	4	7	4	9	9	5	10	7	7	11	5	4	4	7	10	6	9	7	7
ENPP2		NM_001040092.2	NM_001040092.2:1980	Endogenous	mRNA	0	24	15	16	11	7	24	11	9	10	6	9	3	12	12	14	17	6	11	6	6	7	8	6	12
EPHB6		NM_004445.3	NM_004445.3:3784	Endogenous	mRNA	0	16	25	15	18	26	24	9	25	28	23	24	31	14	28	22	16	32	25	23	20	22	24	20	23
EPX		NM_000502.4	NM_000502.4:2060	Endogenous	mRNA	0	4	3	3	6	6	6	7	5	6	7	2	5	5	3	8	4	5	1	10	3	7	9	4	7
ERCC1		NM_001983.3	NM_001983.3:458	Endogenous	mRNA	100	110	131	149	118	150	145	81	96	142	99	103	139	111	132	166	112	161	175	77	98	156	88	108	154
ERG		NM_001136155.1	NM_001136155.1:341	Endogenous	mRNA	0	12	32	26	23	29	26	13	15	13	15	20	10	18	20	7	10	23	11	17	15	15	13	14	13
ETS1		NM_005238.3	NM_005238.3:1305	Endogenous	mRNA	0	14	20	19	24	20	21	21	25	27	20	23	14	15	9	17	15	7	18	22	22	17	13	21	10
F11R		NM_144503.1	NM_144503.1:3650	Endogenous	mRNA	100	731	955	814	715	892	584	533	443	611	609	602	613	764	887	694	785	1013	775	617	600	534	611	504	559
FABP4		NM_001442.2	NM_001442.2:415	Endogenous	mRNA	100	1835	3667	3563	3293	4002	3978	1173	1330	2438	2423	1578	3394	3130	4443	3665	2893	4513	3610	2310	1760	2714	1900	1458	2578
FADD		NM_003824.2	NM_003824.2:1560	Endogenous	mRNA	0	21	25	34	26	35	23	33	26	33	22	28	25	30	13	16	23	12	24	16	15	20	21	27	26
FAF1		NM_007051.2	NM_007051.2:1530	Endogenous	mRNA	100	218	250	257	195	212	183	197	173	261	169	161	182	200	216	194	185	198	205	148	154	172	172	174	151
FAS		NM_000043.4	NM_000043.4:398	Endogenous	mRNA	100	136	137	145	146	172	167	90	113	112	153	148	166	116	139	168	130	167	150	118	119	145	109	140	116
FASN		NM_004104.4	NM_004104.4:5387	Endogenous	mRNA	37.5	48	51	61	34	37	24	50	34	64	37	30	48	36	45	27	31	42	45	41	40	42	30	28	46
FBP1		NM_000507.3	NM_000507.3:590	Endogenous	mRNA	100	4076	5818	4288	3541	4769	3038	3695	3701	4655	3528	3571	3874	3868	5446	3773	4091	5726	4493	3785	4395	3655	3476	3966	3943
FBXL7		NM_012304.3	NM_012304.3:2735	Endogenous	mRNA	0	9	13	9	6	7	8	5	7	8	1	6	9	6	9	11	3	4	14	5	7	4	2	9	4
FCAR		NM_002000.2	NM_002000.2:1415	Endogenous	mRNA	4.17	25	19	18	21	11	18	36	48	39	16	28	26	20	19	20	31	19	30	22	38	22	35	26	27
FCER1A		NM_002001.2	NM_002001.2:114	Endogenous	mRNA	0	22	14	11	34	17	13	15	18	14	18	19	8	23	14	16	22	14	7	19	14	15	23	14	18
FCER2		NM_002002.4	NM_002002.4:420	Endogenous	mRNA	0	10	10	18	13	22	13	5	8	14	10	11	5	7	12	8	11	7	8	9	7	6	14	7	16
FCGR1A		NM_000566.3	NM_000566.3:842	Endogenous	mRNA	100	924	1545	912	722	893	459	554	530	639	609	511	473	936	1238	625	902	1282	717	712	650	551	560	548	436
FCGR2A		NM_021642.3	NM_021642.3:60	Endogenous	mRNA	100	1205	885	1106	1156	1084	1078	1300	1081	1414	1239	1350	1293	1237	957	1165	1260	990	1001	1332	1368	1307	1326	1263	1163
FCGR2B		NM_001002273.1	NM_001002273.1:870	Endogenous	mRNA	100	549	486	676	395	427	468	1948	2176	3024	1636	2416	2117	516	433	631	495	499	547	1930	2701	2164	1984	2246	2173
FCGR3A		NM_000569.6	NM_000569.6:873	Endogenous	mRNA	100	1975	1767	2245	2023	1770	1904	2259	1977	2731	2501	2624	2486	2298	1873	2241	2389	2017	2301	2751	2601	2477	2720	2389	2665
FCN1		NM_002003.3	NM_002003.3:932	Endogenous	mRNA	70.83	112	52	105	60	26	66	81	14	93	52	17	92	96	21	97	103	33	124	83	12	86	90	21	126
FEM1C		NM_020177.2	NM_020177.2:555	Endogenous	mRNA	100	213	334	258	200	318	165	187	202	254	199	262	178	235	307	168	240	325	196	202	234	166	196	241	219
FGF10		NM_004465.1	NM_004465.1:85	Endogenous	mRNA	0	11	9	10	13	12	8	17	7	6	11	13	4	11	2	7	5	9	8	12	12	11	7	7	16
FGF18		NM_003862.1	NM_003862.1:850	Endogenous	mRNA	0	6	9	7	7	7	8	10	3	7	13	7	8	6	9	4	8	11	6	8	3	7	9	8	8
FGF2		NM_002006.4	NM_002006.4:620	Endogenous	mRNA	0	12	9	8	9	10	11	7	7	8	5	12	6	8	7	9	6	6	7	12	5	8	8	10	9
FGF7		NM_002009.3	NM_002009.3:190	Endogenous	mRNA	0	3	7	13	10	8	6	9	16	8	6	10	4	6	6	7	6	8	7	10	6	3	8	7	8
FGFR1		NM_015850.3	NM_015850.3:1775	Endogenous	mRNA	100	484	593	668	491	539	562	352	304	575	378	358	561	478	546	617	523	612	668	367	367	508	360	376	473
FLNB		NM_001164317.1	NM_001164317.1:2124	Endogenous	mRNA	66.67	38	61	80	38	45	56	62	78	120	47	43	69	21	39	42	19	37	57	33	71	75	45	56	76
FLRT2		NM_013231.4	NM_013231.4:3265	Endogenous	mRNA	87.5	41	67	52	40	78	41	45	88	83	45	76	56	50	76	47	63	71	44	62	99	58	53	93	72
FLT1		NM_002019.4	NM_002019.4:530	Endogenous	mRNA	100	204	301	229	211	302	164	456	584	509	439	488	343	219	340	183	221	293	195	499	647	329	532	579	359
FLT3		NM_004119.2	NM_004119.2:2374	Endogenous	mRNA	0	3	5	9	10	7	10	10	8	8	5	8	10	5	5	8	6	4	5	12	10	4	8	8	4
FN1		NM_212482.1	NM_212482.1:1776	Endogenous	mRNA	100	1238	929	467	1306	1147	365	1039	774	989	1239	1255	598	973	750	369	1187	917	346	1201	1100	560	1176	1032	587
FOSB		NM_006732.1	NM_006732.1:3200	Endogenous	mRNA	0	2	12	10	10	15	11	4	11	12	5	7	2	5	7	6	8	9	5	8	15	8	7	9	15
FOSL1		NM_005438.3	NM_005438.3:1086	Endogenous	mRNA	0	15	17	13	17	17	13	11	22	20	19	10	12	10	16	12	6	13	11	18	11	12	10	9	19
FPR1		NM_002029.3	NM_002029.3:350	Endogenous	mRNA	29.17	49	50	12	44	48	9	31	18	10	17	26	7	56	42	9	46	46	10	24	18	4	28	20	6
FPR2		NM_001462.3	NM_001462.3:1200	Endogenous	mRNA	0	14	15	13	21	13	13	18	22	23	11	14	10	9	9	16	10	8	12	12	16	16	16	16	11
FPR3		NM_002030.3	NM_002030.3:190	Endogenous	mRNA	100	542	349	402	664	531	498	294	200	285	516	342	358	651	448	521	702	396	425	526	302	315	453	263	288
FSCN1		NM_003088.2	NM_003088.2:1843	Endogenous	mRNA	100	179	249	329	120	209	179	143	195	354	116	162	221	99	222	241	132	245	253	104	193	218	143	183	207
FURIN		NM_002569.2	NM_002569.2:3700	Endogenous	mRNA	100	243	232	230	249	257	198	233	191	196	207	168	197	292	264	197	297	290	224	235	186	172	224	197	163
FUT4		NM_002033.3	NM_002033.3:1221	Endogenous	mRNA	100	57	88	81	66	101	93	72	74	74	71	70	73	78	50	75	67	81	75	70	66	81	60	66	82
FYN		NM_002037.3	NM_002037.3:765	Endogenous	mRNA	45.83	35	41	54	33	39	33	50	67	56	36	56	54	27	39	47	25	39	30	38	67	55	37	76	70
FZD4		NM_012193.2	NM_012193.2:7130	Endogenous	mRNA	0	9	11	15	16	16	12	12	13	18	10	12	14	10	5	17	14	6	11	7	13	11	14	8	16
FZD6		NM_003506.2	NM_003506.2:1525	Endogenous	mRNA	0	6	6	9	9	12	4	9	4	7	5	6	6	6	5	3	5	4	3	6	7	13	11	5	7
FZD9		NM_003508.2	NM_003508.2:1320	Endogenous	mRNA	0	7	4	7	13	14	4	13	12	11	11	6	3	6	13	10	11	13	8	9	7	8	5	11	8
GADD45B		NM_015675.2	NM_015675.2:365	Endogenous	mRNA	54.17	22	58	41	40	45	32	54	56	52	38	79	45	23	57	25	37	61	31	36	55	48	43	73	38
GATA1		NM_002049.2	NM_002049.2:1001	Endogenous	mRNA	0	12	14	17	22	17	26	26	22	30	23	22	17	8	9	18	10	16	8	21	9	22	15	21	17
GATA2		NM_032638.3	NM_032638.3:1495	Endogenous	mRNA	0	6	9	5	4	12	7	4	9	9	6	7	6	6	6	12	5	3	6	4	8	5	3	5	3
GATA3		NM_001002295.1	NM_001002295.1:1691	Endogenous	mRNA	0	8	18	17	25	14	17	24	18	14	10	13	9	12	7	7	8	6	6	13	15	16	7	17	15
GATA6		NM_005257.3	NM_005257.3:2130	Endogenous	mRNA	0	6	11	14	11	12	12	6	13	7	7	7	4	4	5	10	10	7	6	9	6	11	7	11	6
GCH1		NM_000161.2	NM_000161.2:1910	Endogenous	mRNA	0	34	15	10	14	5	23	6	7	1	15	9	20	30	1	22	33	1	1	15	1	1	6	12	9
GEM		NM_005261.2	NM_005261.2:575	Endogenous	mRNA	100	66	67	125	47	54	58	117	78	197	107	44	113	80	62	76	73	67	92	100	74	119	89	70	115
GK5		NM_001039547.2	NM_001039547.2:1102	Endogenous	mRNA	20.83	38	42	64	42	35	48	37	34	36	31	18	42	47	33	37	45	36	35	30	26	35	27	32	49
GLG1		NM_001145666.1	NM_001145666.1:2468	Endogenous	mRNA	100	667	646	692	653	766	568	545	499	730	594	632	734	662	720	607	686	687	629	599	618	652	569	616	678
GNAI3		NM_006496.1	NM_006496.1:1150	Endogenous	mRNA	100	454	538	509	422	506	374	441	368	519	408	416	426	499	547	473	460	555	518	451	462	385	382	429	439
GOLIM4		NM_014498.3	NM_014498.3:2398	Endogenous	mRNA	100	321	361	315	330	314	259	188	171	239	198	227	245	356	316	262	333	356	295	248	198	226	212	222	222
GPR183		NM_004951.3	NM_004951.3:405	Endogenous	mRNA	95.83	98	68	98	90	43	60	146	90	148	72	48	70	91	41	64	98	50	72	111	48	75	122	60	85
GPR65		NM_003608.2	NM_003608.2:1095	Endogenous	mRNA	100	240	279	245	249	261	213	102	98	138	160	169	192	229	265	262	273	262	223	161	110	142	146	129	167
GRN		NM_002087.2	NM_002087.2:546	Endogenous	mRNA	100	10426	13336	12316	9659	12245	8608	8959	10061	12835	9644	10998	10642	9741	11992	9944	10532	13109	10699	9582	11895	10281	9832	11554	10801
GSN		NM_000177.4	NM_000177.4:1075	Endogenous	mRNA	100	1904	2250	1569	1885	2429	1388	1938	2398	2070	2007	2678	1796	1912	2287	1502	1951	2344	1493	2048	2780	1579	1995	2599	1703
GTF2H2		NM_001515.2	NM_001515.2:895	Endogenous	mRNA	100	201	295	248	220	293	199	173	148	211	160	178	185	236	266	224	214	299	232	166	191	158	153	171	156
GZMA		NM_006144.2	NM_006144.2:155	Endogenous	mRNA	0	10	3	6	8	5	10	8	8	9	5	4	5	10	3	12	12	9	13	4	6	8	9	6	8
HAVCR1		NM_001173393.1	NM_001173393.1:834	Endogenous	mRNA	0	19	22	16	15	15	9	17	23	17	23	16	12	10	8	15	8	9	14	19	17	9	20	14	13
HAVCR2		NM_032782.3	NM_032782.3:955	Endogenous	mRNA	100	1401	1589	1477	1305	1305	1080	1480	1558	1921	1464	1351	1378	1426	1444	1129	1524	1431	1404	1497	1616	1348	1571	1498	1509
HBEGF		NM_001945.1	NM_001945.1:475	Endogenous	mRNA	0	14	27	28	24	17	19	21	13	21	12	22	12	19	19	12	19	11	11	18	9	21	6	6	9
HDAC5		NM_005474.4	NM_005474.4:3160	Endogenous	mRNA	100	130	140	143	116	147	123	120	130	160	133	138	132	153	147	157	139	154	128	126	146	140	126	141	139
HDAC6		NM_001321225.1	NM_001321225.1:470	Endogenous	mRNA	37.5	39	62	45	46	49	30	46	34	52	31	43	24	32	39	45	26	38	26	30	24	39	39	45	34
HDC		NM_002112.3	NM_002112.3:1555	Endogenous	mRNA	0	7	12	16	17	23	24	23	19	19	20	15	17	13	13	13	5	5	6	15	18	18	15	18	11
HES1		NM_005524.2	NM_005524.2:860	Endogenous	mRNA	0	6	12	11	7	8	6	11	12	15	6	16	13	10	8	12	8	10	8	12	14	9	8	10	8
HES4		NM_001142467.1	NM_001142467.1:557	Endogenous	mRNA	0	20	30	30	22	31	24	26	33	29	25	27	30	23	13	19	18	22	15	23	24	23	23	26	18
HGF		NM_000601.4	NM_000601.4:550	Endogenous	mRNA	66.67	37	47	98	44	55	94	38	23	78	36	40	108	57	47	88	57	43	81	44	34	98	42	39	71
HIF1A		NM_001530.2	NM_001530.2:1985	Endogenous	mRNA	100	695	812	863	600	694	566	166	129	266	270	206	377	707	670	691	715	748	714	270	181	288	229	167	273
HIP1R		NM_003959.2	NM_003959.2:434	Endogenous	mRNA	0	11	7	8	9	10	16	7	17	11	6	14	9	9	10	7	9	10	4	8	3	16	6	8	6
HIST1H1C		NM_005319.3	NM_005319.3:401	Endogenous	mRNA	100	515	538	700	355	340	418	501	484	785	371	410	528	405	322	460	500	415	621	366	384	445	495	419	616
HIST2H2AA3		NM_003516.2	NM_003516.2:137	Endogenous	mRNA	100	100	142	166	113	128	116	128	114	170	129	121	163	97	127	149	134	134	144	112	110	151	121	122	147
HIVEP1		NM_002114.2	NM_002114.2:4040	Endogenous	mRNA	66.67	43	31	49	48	52	51	58	34	63	38	44	46	42	44	36	35	60	36	49	44	45	53	36	53
HLA-DMA		NM_006120.3	NM_006120.3:380	Endogenous	mRNA	100	1213	1062	908	1380	1215	956	772	476	610	981	878	808	1541	1263	1193	1528	1281	1093	1082	746	735	973	685	715
HLA-DMB		NM_002118.3	NM_002118.3:20	Endogenous	mRNA	100	1598	1646	1475	1910	1796	1402	1008	658	1000	1196	993	1179	2032	1846	1591	2008	1832	1668	1393	875	1054	1284	853	1081
HLA-DOB		NM_002120.3	NM_002120.3:230	Endogenous	mRNA	0	17	10	19	14	8	11	10	10	9	4	8	11	11	5	17	11	12	15	8	6	13	13	8	14
HLA-DPA1		NM_033554.2	NM_033554.2:857	Endogenous	mRNA	100	5226	3037	4057	6530	4346	5229	3670	1600	2956	4976	3114	4805	8840	4219	5893	7917	3973	5268	6565	2875	4383	5742	2596	4195
HLA-DPB1		NM_002121.4	NM_002121.4:931	Endogenous	mRNA	100	6556	3547	4604	7514	4732	5384	4372	1550	3258	5702	3259	4939	9547	4569	6221	8983	4498	5451	6909	2963	4467	6156	2608	4068
HLA-DQA1		NM_002122.3	NM_002122.3:261	Endogenous	mRNA	33.33	6	9	1659	12	6	2385	8	2	1394	5	11	2024	6	6	2620	3	7	2105	8	6	1866	6	4	1580
HLA-DQB1		NM_002123.3	NM_002123.3:384	Endogenous	mRNA	33.33	8	10	223	7	3	276	1	13	281	6	6	261	3	3	326	8	3	303	5	10	280	5	4	292
HLA-DRA		NM_019111.3	NM_019111.3:335	Endogenous	mRNA	100	19739	10323	13086	23132	15040	17787	15085	5323	10689	18402	10210	15909	30196	13986	19767	27848	13714	17011	22645	9501	14409	20518	8290	13920
HLA-DRB3		NM_022555.3	NM_022555.3:698	Endogenous	mRNA	100	3926	3018	3158	4376	3842	3436	2859	1690	2424	3568	2610	3273	5173	3543	4134	4941	3569	3512	4162	2525	3065	3741	2284	2756
HMGB1		NM_002128.4	NM_002128.4:2916	Endogenous	mRNA	58.33	43	49	70	40	48	36	35	43	60	32	39	45	60	53	57	50	60	68	37	48	41	33	42	41
HNF1B		NM_000458.3	NM_000458.3:837	Endogenous	mRNA	0	4	6	12	8	4	7	7	7	2	13	2	4	4	3	6	7	9	6	5	8	9	6	7	6
HOXD4		NM_014621.2	NM_014621.2:75	Endogenous	mRNA	0	15	17	13	22	18	26	21	20	24	18	18	13	13	20	8	7	7	9	13	9	18	12	17	16
HPGD		NM_001145816.2	NM_001145816.2:96	Endogenous	mRNA	0	9	11	9	8	21	10	12	9	11	10	11	14	6	14	12	5	11	15	10	11	10	5	3	10
HPGDS		NM_014485.2	NM_014485.2:430	Endogenous	mRNA	100	382	820	562	375	633	319	327	529	530	304	433	383	359	765	404	374	787	544	306	524	354	306	533	381
HRAS		NM_005343.2	NM_005343.2:396	Endogenous	mRNA	70.83	51	27	56	43	43	44	43	43	59	41	44	49	44	42	48	37	45	50	53	50	39	44	33	39
HSPG2		NM_005529.5	NM_005529.5:2715	Endogenous	mRNA	62.5	31	51	63	36	53	49	49	52	93	43	42	68	33	30	43	19	29	54	32	55	65	39	60	76
ICAM1		NM_000201.2	NM_000201.2:1530	Endogenous	mRNA	100	222	203	238	154	136	142	201	142	213	136	165	172	217	176	203	212	182	220	169	142	192	171	136	152
ICOS		NM_012092.2	NM_012092.2:640	Endogenous	mRNA	0	7	12	9	13	8	7	11	3	5	10	8	4	8	6	8	6	6	7	4	8	4	7	11	8
ICOSLG		NM_015259.5	NM_015259.5:642	Endogenous	mRNA	95.83	80	151	60	97	148	38	97	140	80	95	129	55	86	119	52	76	148	56	89	131	52	98	107	82
ID1		NM_002165.2	NM_002165.2:345	Endogenous	mRNA	0	25	18	26	11	14	14	28	14	37	17	11	21	14	17	19	19	22	18	14	8	19	21	15	19
ID2		NM_002166.4	NM_002166.4:505	Endogenous	mRNA	100	1534	1985	1622	1414	1588	995	1158	906	1597	1119	774	984	1470	1744	1232	1535	1857	1354	1133	958	1013	1081	880	1096
ID3		NM_002167.3	NM_002167.3:195	Endogenous	mRNA	0	7	7	11	8	7	16	11	7	12	5	6	3	6	5	13	1	12	14	6	2	11	7	6	6
IDO1		NM_002164.3	NM_002164.3:50	Endogenous	mRNA	0	14	27	28	22	26	25	19	18	16	10	22	14	10	14	19	14	13	9	16	16	18	21	18	15
IDO2		NM_194294.2	NM_194294.2:1575	Endogenous	mRNA	0	9	13	10	19	20	13	18	17	14	9	17	13	12	13	5	17	11	8	5	9	14	13	9	11
IER3		NM_003897.3	NM_003897.3:178	Endogenous	mRNA	79.17	42	47	61	73	52	60	68	85	66	65	62	68	45	40	38	51	39	42	60	43	49	53	49	46
IFIT1		NM_001548.3	NM_001548.3:1440	Endogenous	mRNA	100	72	83	103	76	94	99	75	66	88	68	86	85	65	57	100	96	91	95	107	62	98	89	108	81
IFNA2		NM_000605.3	NM_000605.3:600	Endogenous	mRNA	0	14	20	19	23	15	21	20	26	16	10	15	11	9	7	13	9	13	6	17	20	19	18	15	9
IFNAR1		NM_000629.2	NM_000629.2:782	Endogenous	mRNA	100	857	996	954	887	988	820	1074	1148	1359	944	1219	1143	950	990	948	1022	1056	1003	1042	1360	1127	1171	1263	1145
IFNAR2		NM_000874.3	NM_000874.3:631	Endogenous	mRNA	100	223	294	322	285	308	295	223	174	250	243	260	279	261	296	287	320	307	312	212	270	265	227	202	246
IFNB1		NM_002176.2	NM_002176.2:610	Endogenous	mRNA	0	4	7	7	6	4	4	7	5	11	2	6	5	4	4	6	5	6	6	5	8	8	8	4	7
IFNG		NM_000619.2	NM_000619.2:970	Endogenous	mRNA	0	7	6	6	8	12	6	10	4	14	10	8	6	1	5	7	9	7	6	5	10	6	4	4	7
IFNGR1		NM_000416.2	NM_000416.2:392	Endogenous	mRNA	100	2111	2783	2673	2152	2889	2203	1191	1095	1553	1650	1722	1982	2426	3027	2673	2340	3012	2700	1643	1634	1703	1432	1496	1640
IGF1		NM_000618.3	NM_000618.3:491	Endogenous	mRNA	0	30	14	24	28	12	9	28	4	20	11	14	5	29	7	9	24	13	16	25	8	15	9	9	11
IGF2		NM_000612.4	NM_000612.4:765	Endogenous	mRNA	0	10	9	14	14	6	6	9	7	9	5	13	5	12	7	13	9	11	4	10	7	14	6	8	5
IKBKE		NM_014002.2	NM_014002.2:2470	Endogenous	mRNA	100	132	123	172	158	164	135	94	85	145	132	92	135	173	144	171	139	142	176	131	140	140	121	98	129
IKZF1		NM_006060.4	NM_006060.4:225	Endogenous	mRNA	100	138	172	196	157	208	177	172	173	265	192	225	238	162	186	176	173	197	168	176	205	191	157	173	183
IL10		NM_000572.2	NM_000572.2:230	Endogenous	mRNA	91.67	74	115	73	57	46	43	49	54	65	48	36	39	59	63	49	66	58	56	56	46	43	63	55	46
IL10RA		NM_001558.2	NM_001558.2:150	Endogenous	mRNA	100	565	556	675	677	778	677	470	513	583	630	777	651	705	678	755	703	672	701	641	749	636	633	753	644

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IL12A		NM_000882.2	NM_000882.2:775	Endogenous	mRNA	50	7	6	10	4	7	10	7	9	10	11	15	11	5546	17108	14875	2049	3693	2178	4492	15222	14118	26067	57217	49761
IL12B		NM_002187.2	NM_002187.2:1435	Endogenous	mRNA	0	10	9	20	14	16	20	17	16	18	17	20	7	9	6	15	13	5	8	10	17	8	11	16	9
IL13		NM_002188.2	NM_002188.2:516	Endogenous	mRNA	0	1	6	4	7	6	10	5	8	6	5	8	4	6	6	1	3	6	1	9	6	6	6	8	5
IL15		NM_172174.1	NM_172174.1:1685	Endogenous	mRNA	0	15	10	17	8	16	18	7	12	16	15	13	15	17	13	19	13	11	12	14	10	12	17	10	12
IL15RA		NM_002189.3	NM_002189.3:709	Endogenous	mRNA	0	17	18	29	27	20	24	22	22	29	23	13	12	24	28	22	17	13	8	17	9	22	20	22	16
IL17RA		NM_014339.4	NM_014339.4:3020	Endogenous	mRNA	100	1473	1720	1525	1606	1831	1257	1271	1285	1728	1481	1678	1710	1669	1815	1526	1623	1965	1575	1509	1771	1475	1456	1717	1571
IL18		NM_001562.2	NM_001562.2:48	Endogenous	mRNA	100	302	361	405	191	212	221	235	184	358	164	167	194	241	283	287	242	292	337	182	158	205	193	176	240
IL18R1		NM_003855.3	NM_003855.3:822	Endogenous	mRNA	0	2	3	1	5	5	7	3	10	10	2	6	2	1	2	2	7	3	1	4	2	3	3	3	3
IL1A		NM_000575.3	NM_000575.3:1085	Endogenous	mRNA	0	15	19	21	5	5	9	14	16	29	18	14	9	10	11	12	10	9	14	12	12	14	15	14	17
IL1B		NM_000576.2	NM_000576.2:840	Endogenous	mRNA	0	19	16	23	27	19	22	27	26	11	15	19	10	21	18	14	11	13	17	13	20	25	14	17	11
IL1R1		NM_001320984.1	NM_001320984.1:281	Endogenous	mRNA	100	87	147	182	119	134	161	152	183	232	126	201	205	93	149	175	109	152	173	113	199	195	166	217	212
IL1R2		NM_173343.1	NM_173343.1:905	Endogenous	mRNA	29.17	22	8	21	21	10	21	56	46	81	41	16	46	23	13	19	28	11	21	60	20	42	63	29	49
IL1RAP		NM_001167928.1	NM_001167928.1:1186	Endogenous	mRNA	95.83	51	55	64	52	48	38	63	56	71	66	50	46	49	46	50	49	50	47	69	63	51	56	55	58
IL1RL1		NM_016232.4	NM_016232.4:700	Endogenous	mRNA	0	3	7	8	8	10	7	12	5	6	8	7	10	10	12	10	8	8	6	6	5	6	5	5	8
IL1RN		NM_000577.3	NM_000577.3:480	Endogenous	mRNA	100	179	165	344	143	126	201	288	230	673	183	175	325	126	149	249	150	142	272	236	191	336	176	192	352
IL2		NM_000586.2	NM_000586.2:300	Endogenous	mRNA	0	6	6	6	8	6	8	7	8	7	13	15	10	6	8	6	6	8	9	5	8	3	10	7	4
IL21R		NM_181079.4	NM_181079.4:1250	Endogenous	mRNA	91.67	81	45	60	94	63	96	64	25	47	75	51	85	83	52	74	81	44	91	65	45	57	71	38	71
IL22		NM_020525.4	NM_020525.4:319	Endogenous	mRNA	0	6	6	8	11	10	7	5	11	6	5	10	5	9	9	8	7	13	7	5	11	4	9	1	5
IL23A		NM_016584.2	NM_016584.2:411	Endogenous	mRNA	0	6	9	10	14	13	12	12	6	7	10	13	7	6	14	10	8	11	8	6	8	7	8	11	14
IL25		NM_022789.2	NM_022789.2:1027	Endogenous	mRNA	0	4	5	9	8	11	5	8	5	5	9	7	5	6	4	4	6	7	1	7	3	10	10	1	1
IL27		NM_145659.3	NM_145659.3:143	Endogenous	mRNA	0	9	9	14	8	8	13	7	10	15	8	13	11	12	10	4	9	9	3	11	10	6	10	11	10
IL27RA		NM_004843.3	NM_004843.3:1640	Endogenous	mRNA	100	83	127	139	89	134	101	83	94	128	94	90	90	82	124	118	75	127	129	69	110	83	83	79	88
IL3		NM_000588.3	NM_000588.3:130	Endogenous	mRNA	0	15	27	24	37	20	15	21	29	18	17	15	17	28	22	16	18	16	21	26	18	21	15	14	19
IL33		NM_033439.2	NM_033439.2:1725	Endogenous	mRNA	0	9	14	21	28	22	17	16	27	17	13	18	14	11	15	20	8	10	13	13	10	12	18	18	10
IL3RA		NM_001267713.1	NM_001267713.1:1075	Endogenous	mRNA	0	5	10	5	9	7	6	7	11	15	10	8	3	10	6	8	4	6	7	7	6	13	9	14	11
IL4		NM_000589.3	NM_000589.3:398	Endogenous	mRNA	0	7	12	8	14	10	12	9	12	11	8	13	7	4	15	6	4	6	4	9	9	11	4	8	12
IL4I1		NM_152899.1	NM_152899.1:1452	Endogenous	mRNA	75	55	40	72	41	39	64	121	79	153	81	69	90	46	30	51	41	28	47	89	73	100	118	76	114
IL4R		NM_000418.3	NM_000418.3:1510	Endogenous	mRNA	100	117	111	100	118	128	81	74	55	75	88	85	85	114	132	86	113	126	82	82	86	60	74	74	73
IL5		NM_000879.2	NM_000879.2:105	Endogenous	mRNA	0	14	14	21	19	20	24	22	24	25	13	14	10	12	13	18	8	15	6	15	11	7	12	14	14
IL5RA		NM_000564.3	NM_000564.3:210	Endogenous	mRNA	0	7	11	17	14	18	12	18	16	11	9	12	9	11	6	4	7	9	7	11	7	11	13	5	7
IL6		NM_000600.3	NM_000600.3:364	Endogenous	mRNA	0	11	14	20	16	15	21	9	12	10	12	11	10	11	4	14	6	8	5	7	13	10	12	9	10
IL6R		NM_000565.2	NM_000565.2:993	Endogenous	mRNA	100	174	169	229	194	162	136	192	162	208	180	163	167	155	144	186	167	165	158	149	156	153	142	186	178
IL9		NM_000590.1	NM_000590.1:300	Endogenous	mRNA	0	10	12	21	27	17	11	20	15	16	11	20	12	13	18	15	5	8	6	15	9	10	11	6	12
INSIG1		NM_005542.3	NM_005542.3:1120	Endogenous	mRNA	100	462	706	561	538	670	507	414	482	589	454	558	562	555	726	531	523	738	529	435	634	462	394	561	467
INSR		NM_000208.2	NM_000208.2:2741	Endogenous	mRNA	12.5	26	40	38	34	35	40	39	43	32	47	53	37	22	35	27	31	37	29	28	39	27	35	32	42
IRF1		NM_002198.1	NM_002198.1:510	Endogenous	mRNA	100	53	61	92	89	89	69	47	63	56	51	70	55	78	79	85	63	87	81	64	67	64	63	61	63
IRF2		NM_002199.3	NM_002199.3:1624	Endogenous	mRNA	100	461	481	460	467	487	363	382	437	462	398	545	461	473	445	437	436	478	421	445	527	386	416	527	400
IRF3		NM_001571.5	NM_001571.5:1303	Endogenous	mRNA	0	18	28	31	14	30	18	20	15	29	20	21	32	29	20	24	24	31	23	11	20	14	24	15	18
IRF4		NM_002460.1	NM_002460.1:325	Endogenous	mRNA	0	10	7	15	23	18	16	18	22	13	15	15	7	15	8	12	11	10	7	11	15	12	19	14	10
IRF5		NM_001098627.1	NM_001098627.1:2023	Endogenous	mRNA	100	180	286	220	199	284	209	118	132	181	159	173	176	177	235	218	198	234	222	160	204	179	145	167	152
IRF7		NM_001572.3	NM_001572.3:1763	Endogenous	mRNA	0	25	33	34	40	29	29	28	24	40	27	39	24	29	24	24	19	31	30	34	26	38	26	34	19
IRF8		NM_002163.2	NM_002163.2:253	Endogenous	mRNA	100	199	279	281	191	296	256	165	158	216	188	260	230	238	286	255	187	264	254	197	184	214	188	183	214
ISG15		NM_005101.3	NM_005101.3:305	Endogenous	mRNA	100	94	198	149	89	161	99	89	110	105	85	129	85	84	128	83	101	142	121	102	91	80	80	164	83
ITGA4		NM_000885.4	NM_000885.4:975	Endogenous	mRNA	25	26	37	23	29	41	26	31	33	33	30	49	26	46	22	19	25	44	16	42	47	34	44	44	24
ITGA5		NM_002205.2	NM_002205.2:925	Endogenous	mRNA	100	359	271	442	334	277	286	520	273	671	371	237	390	381	302	315	339	284	360	480	239	411	415	232	436
ITGAL		NM_002209.2	NM_002209.2:1113	Endogenous	mRNA	100	225	297	249	267	221	165	193	183	253	205	208	222	255	226	203	262	259	232	272	217	254	214	250	216
ITGAM		NM_000632.3	NM_000632.3:515	Endogenous	mRNA	100	830	928	932	675	699	610	821	754	1119	706	688	826	721	702	640	705	706	803	767	865	858	710	776	790
ITGAX		NM_000887.3	NM_000887.3:700	Endogenous	mRNA	100	5801	6224	7005	4082	4264	4019	4192	3374	6149	3452	2514	4244	4240	4390	4464	4263	4794	5367	3718	3092	4021	3585	2939	4178
ITGB1		NM_002211.3	NM_002211.3:355	Endogenous	mRNA	100	2528	2590	2653	2236	2307	1838	2123	1744	2456	1941	1555	1923	2636	2316	2156	2542	2460	2353	2187	1792	1972	1984	1663	1872
ITGB2		NM_000211.2	NM_000211.2:520	Endogenous	mRNA	100	5847	8747	6543	5843	8399	5327	5785	6922	7378	6145	8425	6923	5834	8244	6105	6059	8812	6392	6216	9011	6320	6142	8358	6755
ITGB7		NM_000889.1	NM_000889.1:1278	Endogenous	mRNA	0	15	13	25	29	26	20	16	21	29	20	19	17	17	11	15	21	19	8	30	22	27	23	20	9
JAG1		NM_000214.2	NM_000214.2:5766	Endogenous	mRNA	0	11	15	17	14	20	12	14	17	11	11	12	11	11	23	18	13	19	9	15	21	18	23	11	15
JAK3		NM_000215.2	NM_000215.2:1715	Endogenous	mRNA	0	8	12	8	10	13	9	11	15	10	11	9	10	7	13	14	15	7	10	13	11	10	10	8	16

2

JAML		NM_153206.2	NM_153206.2:620	Endogenous	mRNA	100	1097	1704	1034	1200	1788	924	1239	1250	1317	1318	1924	1356	1382	1908	1155	1269	1948	1081	1478	1888	1307	1383	1697	1417
JUN		NM_002228.3	NM_002228.3:140	Endogenous	mRNA	100	279	421	354	289	364	253	361	436	462	327	364	405	300	383	305	303	413	350	382	424	370	327	392	387
KALRN		NM_001024660.1	NM_001024660.1:6180	Endogenous	mRNA	8.33	19	28	26	19	21	18	19	29	55	17	29	37	21	16	23	18	22	25	14	25	26	28	28	43
KCNAB1		NM_172159.3	NM_172159.3:2148	Endogenous	mRNA	0	8	9	3	15	9	4	6	13	4	12	7	9	10	8	5	12	6	2	6	5	8	9	6	3
KIAA0101		NM_014736.5	NM_014736.5:1025	Endogenous	mRNA	0	5	11	11	10	11	8	7	14	10	4	6	8	5	5	9	2	12	10	3	8	5	4	5	5
KIAA1671		NM_001145206.1	NM_001145206.1:6380	Endogenous	mRNA	0	14	23	31	25	21	21	28	21	24	23	24	16	18	26	20	11	18	11	12	10	24	16	13	12
KIF20A		NM_005733.2	NM_005733.2:1209	Endogenous	mRNA	0	7	15	27	20	22	13	15	24	22	14	15	17	15	13	16	12	12	6	11	12	21	12	24	7
KIT		NM_000222.2	NM_000222.2:2644	Endogenous	mRNA	0	4	13	17	10	7	6	10	6	7	5	5	3	4	10	8	10	7	4	6	15	8	7	5	10
KITLG		NM_003994.4	NM_003994.4:1155	Endogenous	mRNA	29.17	67	52	55	41	45	33	36	30	25	28	16	25	40	45	32	60	54	38	22	18	16	26	21	14
KLF10		NM_005655.3	NM_005655.3:2092	Endogenous	mRNA	100	269	332	350	284	348	274	481	622	630	410	588	512	222	311	324	279	331	311	425	686	437	422	610	452
KLF4		NM_004235.4	NM_004235.4:1980	Endogenous	mRNA	20.83	48	53	51	45	28	30	28	16	11	20	20	28	36	45	30	41	25	41	18	13	37	26	17	14
KLK3		NM_001030049.1	NM_001030049.1:433	Endogenous	mRNA	0	15	11	24	27	29	19	21	28	17	15	15	16	15	17	12	14	13	4	17	13	13	16	17	12
KLRK1		NM_007360.1	NM_007360.1:760	Endogenous	mRNA	0	9	4	6	11	12	7	5	7	5	10	10	10	5	7	12	8	7	6	7	7	7	12	6	5
KRBA1		NM_032534.2	NM_032534.2:3671	Endogenous	mRNA	0	10	15	12	10	7	9	14	10	9	12	18	10	7	9	11	6	7	9	5	8	7	10	12	7
LAG3		NM_002286.5	NM_002286.5:1735	Endogenous	mRNA	0	9	7	8	9	8	9	3	10	9	6	7	3	8	7	10	9	6	8	6	10	6	8	9	5
LAMB2		NM_002292.3	NM_002292.3:2280	Endogenous	mRNA	0	16	8	19	12	1	15	20	15	11	8	3	10	20	1	11	9	1	10	22	1	9	14	27	9
LAMB3		NM_000228.2	NM_000228.2:3454	Endogenous	mRNA	0	12	14	18	12	15	15	22	19	16	12	16	16	15	8	22	16	11	8	12	10	17	17	11	6
LAMP3		NM_014398.3	NM_014398.3:878	Endogenous	mRNA	0	8	14	17	18	11	2	5	6	9	10	7	9	9	9	11	6	5	8	10	7	6	2	5	7
LAPTM5		NM_006762.2	NM_006762.2:1825	Endogenous	mRNA	100	22753	26941	25433	22089	26195	19420	20221	18683	26094	20319	20616	22865	22924	26251	23374	24155	27790	25473	20144	22883	20218	19847	20965	21532
LAT		NM_001014987.1	NM_001014987.1:1290	Endogenous	mRNA	100	230	346	316	196	288	214	219	250	330	233	228	280	231	299	270	229	338	300	218	268	281	239	270	257
LAT2		NM_014146.3	NM_014146.3:1863	Endogenous	mRNA	100	192	450	368	216	511	339	234	407	453	258	410	396	240	498	401	218	521	377	285	467	421	256	400	421
LDLR		NM_000527.2	NM_000527.2:4625	Endogenous	mRNA	100	83	125	75	84	107	60	72	80	97	78	61	72	76	84	70	66	86	68	72	77	57	71	78	76
LGALS3		NM_001177388.1	NM_001177388.1:495	Endogenous	mRNA	100	8549	11538	9218	9824	12045	8255	11079	13422	15085	10799	12447	10824	10313	12329	9085	9838	12747	10161	10818	14616	11038	11428	14866	11685
LIF		NM_002309.3	NM_002309.3:1240	Endogenous	mRNA	16.67	21	45	60	18	26	24	17	21	57	19	20	38	24	33	26	19	44	42	13	21	38	14	27	32
LIPA		NM_000235.3	NM_000235.3:1220	Endogenous	mRNA	100	44691	64593	41836	47364	65727	36233	41447	49351	45815	47274	61964	46390	48937	67664	41158	49938	69017	45185	46366	66263	42063	45648	62163	44999
LOXL2		NM_002318.2	NM_002318.2:40	Endogenous	mRNA	0	5	4	5	9	10	11	24	7	3	7	4	8	11	5	13	4	2	5	5	6	6	5	7	7
LPL		NM_000237.2	NM_000237.2:2240	Endogenous	mRNA	100	3687	4585	3985	3567	4001	2507	4168	4284	4664	3778	3901	3392	3488	3720	2965	3768	4125	3434	3701	4315	3144	3842	4307	3433
LRP5		NM_002335.1	NM_002335.1:2515	Endogenous	mRNA	0	17	22	20	18	15	10	16	10	13	11	19	14	17	7	12	16	15	19	11	12	11	14	12	11
LRP6		NM_002336.1	NM_002336.1:2185	Endogenous	mRNA	0	8	3	4	4	8	6	12	6	2	6	10	9	9	1	11	8	1	1	4	4	3	10	1	3
LST1		NM_007161.3	NM_007161.3:492	Endogenous	mRNA	100	271	250	247	265	264	243	135	98	162	216	158	224	307	331	294	292	293	284	229	152	217	188	164	205
LTA		NM_000595.2	NM_000595.2:885	Endogenous	mRNA	0	8	9	16	9	5	7	9	7	8	3	5	8	11	5	4	9	7	9	6	9	9	5	4	8
LTA4H		NM_001256643.1	NM_001256643.1:1140	Endogenous	mRNA	100	2844	4094	2987	2781	3922	2252	1599	1568	2169	2060	2272	2337	3242	4370	2799	3246	4449	3119	2167	2119	2191	1919	2031	2290
LTB		NM_002341.1	NM_002341.1:330	Endogenous	mRNA	0	11	9	18	8	15	15	15	14	17	11	16	17	13	11	10	10	10	17	14	6	10	16	15	11
LTB4R		NM_181657.3	NM_181657.3:2400	Endogenous	mRNA	0	23	33	18	30	35	19	17	15	13	14	16	11	20	28	17	31	42	23	23	19	20	15	8	14
LTB4R2		NM_019839.4	NM_019839.4:1250	Endogenous	mRNA	0	25	30	41	18	20	20	15	16	17	16	16	14	11	24	15	21	24	18	14	17	18	12	21	17
MAFB		NM_005461.3	NM_005461.3:1655	Endogenous	mRNA	100	260	225	264	253	230	218	240	159	263	254	207	280	249	213	257	263	247	234	255	198	211	286	148	232
MAFF		NM_001161572.1	NM_001161572.1:1373	Endogenous	mRNA	100	102	117	68	91	130	72	84	84	130	84	78	79	81	122	77	93	124	87	74	99	83	71	71	79
MALT1		NM_006785.2	NM_006785.2:909	Endogenous	mRNA	100	143	182	168	154	160	154	118	97	174	118	128	151	145	126	176	130	135	146	122	119	130	111	87	140
MAN2B1		NM_001173498.1	NM_001173498.1:380	Endogenous	mRNA	100	1376	1563	1371	1221	1336	902	1204	1189	1340	1096	1123	1097	1167	1242	1096	1229	1362	1173	1161	1267	1107	1118	1132	1017
MAP2K1		NM_002755.2	NM_002755.2:970	Endogenous	mRNA	100	704	730	688	632	700	442	576	501	687	590	468	551	651	673	527	652	725	581	585	520	533	563	517	501
MAP2K2		NM_030662.3	NM_030662.3:839	Endogenous	mRNA	100	236	330	354	258	303	228	209	244	258	217	215	217	265	294	275	250	350	316	208	223	181	215	259	242
MAP2K3		NM_145109.1	NM_145109.1:370	Endogenous	mRNA	100	329	336	412	272	342	298	322	253	480	316	236	379	328	267	331	356	337	370	311	250	309	320	213	359
MAP2K4		NM_003010.2	NM_003010.2:771	Endogenous	mRNA	100	175	176	191	163	183	134	132	134	183	145	129	152	153	159	167	144	189	185	144	153	141	152	154	141
MAP3K14		NM_003954.1	NM_003954.1:620	Endogenous	mRNA	79.17	51	61	67	40	33	53	45	53	99	37	54	72	53	43	59	42	47	65	42	53	69	47	49	84
MAP3K4		NM_005922.2	NM_005922.2:1165	Endogenous	mRNA	100	88	83	91	96	85	81	87	81	118	65	95	98	88	94	89	94	102	97	80	77	91	86	72	91
MAPK11		NM_002751.6	NM_002751.6:418	Endogenous	mRNA	0	15	9	14	14	14	19	12	26	30	12	19	13	14	10	14	11	12	11	8	17	15	10	13	19
MAPK12		NM_002969.3	NM_002969.3:425	Endogenous	mRNA	0	16	16	14	20	21	15	15	16	16	16	14	15	12	8	15	16	11	4	23	11	9	19	15	14
MAPK13		NM_002754.3	NM_002754.3:1050	Endogenous	mRNA	100	816	946	878	631	698	496	596	496	799	567	369	519	724	706	639	726	802	736	587	453	551	506	433	533
MAPK14		NM_001315.2	NM_001315.2:792	Endogenous	mRNA	100	452	571	486	469	476	344	443	371	494	406	335	392	496	497	452	497	493	462	448	384	388	408	364	418
MARCKSL1		NM_023009.5	NM_023009.5:1005	Endogenous	mRNA	4.17	25	19	25	34	36	32	24	29	44	35	31	19	24	20	30	20	19	26	21	18	25	26	24	31
MARCO		NM_006770.3	NM_006770.3:61	Endogenous	mRNA	75	188	213	155	63	55	25	156	134	123	38	35	20	65	81	41	101	114	78	80	67	32	95	77	46
MCM5		NM_006739.3	NM_006739.3:1580	Endogenous	mRNA	100	78	94	109	90	79	86	105	92	110	63	71	86	85	103	80	87	90	83	87	82	92	80	81	75
MERTK		NM_006343.2	NM_006343.2:665	Endogenous	mRNA	100	525	652	473	471	425	297	362	341	408	414	321	374	446	477	360	481	515	366	408	311	305	372	351	282
MET		NM_001127500.1	NM_001127500.1:1925	Endogenous	mRNA	0	10	11	7	7	5	7	19	7	16	9	10	7	8	10	12	6	13	9	12	13	7	14	6	6
MIF		NM_002415.1	NM_002415.1:319	Endogenous	mRNA	100	243	281	314	223	253	176	945	905	1224	670	690	640	218	230	264	219	266	243	732	868	748	772	847	798
MMP1		NM_002421.3	NM_002421.3:1117	Endogenous	mRNA	0	9	17	5	6	9	8	6	8	11	6	8	7	5	4	9	10	9	6	12	10	14	6	10	10
MMP10		NM_002425.1	NM_002425.1:88	Endogenous	mRNA	0	9	15	8	13	12	8	14	10	16	4	5	11	3	4	7	11	8	4	8	9	5	12	8	10
MMP12		NM_002426.3	NM_002426.3:769	Endogenous	mRNA	50	60	24	139	40	12	19	92	39	184	52	19	48	34	18	34	46	33	61	58	20	59	77	38	66
MMP13		NM_002427.2	NM_002427.2:951	Endogenous	mRNA	0	5	14	8	14	14	16	18	23	11	17	17	6	4	15	13	4	5	10	10	8	11	6	12	4
MMP19		NM_002429.5	NM_002429.5:224	Endogenous	mRNA	100	924	919	933	830	771	739	1317	1586	1868	1122	1165	1162	817	784	757	888	844	856	1075	1537	1194	1208	1476	1231
MMP8		NM_002424.2	NM_002424.2:2590	Endogenous	mRNA	0	14	29	10	11	13	16	18	37	13	21	24	11	17	20	9	17	16	14	16	29	13	12	24	13
MMP9		NM_004994.2	NM_004994.2:1530	Endogenous	mRNA	100	37506	39707	51263	24996	26984	31819	35158	31583	57391	28463	27462	45603	23255	25860	37539	29701	30967	43693	26149	30187	44887	32036	33548	52069
MOB3C		NM_145279.4	NM_145279.4:1630	Endogenous	mRNA	100	122	140	119	134	118	101	91	90	115	102	100	106	153	135	112	145	134	108	124	127	93	97	91	83
MOK		NM_014226.2	NM_014226.2:826	Endogenous	mRNA	0	17	8	8	12	13	6	11	8	15	18	16	15	16	11	9	9	7	7	13	18	15	9	12	17
MPEG1		NM_001039396.1	NM_001039396.1:1470	Endogenous	mRNA	100	702	494	810	708	666	727	497	258	626	539	528	715	977	638	826	972	655	795	697	512	684	641	448	670

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MPO		NM_000250.1	NM_000250.1:545	Endogenous	mRNA	0	7	12	15	16	18	12	16	9	14	14	7	12	10	8	7	13	8	5	11	7	22	7	14	11
MRC1		NM_002438.2	NM_002438.2:525	Endogenous	mRNA	100	1230	724	685	804	598	417	735	374	502	578	444	432	1078	659	507	1118	698	587	781	513	416	738	467	418
MRC2		NM_006039.3	NM_006039.3:3482	Endogenous	mRNA	100	119	128	98	82	59	50	130	101	105	88	69	83	90	101	71	94	105	54	94	77	48	81	94	55
MS4A1		NM_152866.2	NM_152866.2:620	Endogenous	mRNA	0	10	9	12	9	11	9	5	13	10	11	14	5	6	2	7	4	12	7	4	10	7	13	7	13
MS4A2		NM_000139.3	NM_000139.3:126	Endogenous	mRNA	0	10	14	19	16	20	28	18	19	17	24	16	15	22	16	19	11	12	12	11	18	17	11	13	19
MSC		NM_005098.3	NM_005098.3:1595	Endogenous	mRNA	95.83	91	55	98	92	62	44	108	46	108	78	26	53	108	54	68	80	50	72	110	50	51	68	46	57
MSH2		NM_000251.1	NM_000251.1:2105	Endogenous	mRNA	100	103	114	133	110	120	93	78	67	108	60	88	79	105	93	90	124	128	99	83	85	74	68	73	63
MX1		NM_002462.2	NM_002462.2:1485	Endogenous	mRNA	95.83	155	152	270	298	148	226	132	31	143	220	138	239	302	177	260	358	148	232	309	59	214	204	137	192
MX2		NM_002463.1	NM_002463.1:2188	Endogenous	mRNA	100	101	140	161	155	178	145	76	56	103	105	110	132	153	177	194	197	185	157	148	97	101	89	96	118
MYC		NM_002467.3	NM_002467.3:1610	Endogenous	mRNA	12.5	37	33	52	31	39	25	34	22	25	40	21	26	48	33	27	43	36	35	26	21	26	31	25	24
MYD88		NM_002468.3	NM_002468.3:2145	Endogenous	mRNA	100	1052	1598	1077	1131	1593	931	824	924	1005	973	1082	848	1185	1632	1052	1095	1698	1122	1040	1182	848	983	1047	854
MYH4		NM_017533.2	NM_017533.2:3935	Endogenous	mRNA	0	9	19	9	10	8	9	8	7	13	11	5	8	15	8	8	3	14	4	5	9	6	5	8	10
MYOD1		NM_002478.4	NM_002478.4:1635	Endogenous	mRNA	0	7	20	14	11	23	6	13	20	10	14	21	13	13	23	13	12	29	8	6	27	8	8	18	12
NAMPT		NM_005746.2	NM_005746.2:290	Endogenous	mRNA	100	342	350	282	405	421	294	366	223	341	359	278	287	393	377	276	389	353	260	354	305	277	373	273	269
NCF2		NM_000433.3	NM_000433.3:1004	Endogenous	mRNA	100	1356	1756	1512	1279	1575	1117	1394	1538	1763	1266	1419	1393	1342	1721	1295	1437	1692	1443	1383	1533	1359	1390	1505	1469
NCOR1		NM_006311.3	NM_006311.3:1390	Endogenous	mRNA	100	425	533	455	451	488	396	335	345	422	381	388	395	448	484	407	451	503	394	390	395	329	338	383	362
NDC80		NM_006101.2	NM_006101.2:96	Endogenous	mRNA	0	16	13	16	21	19	14	13	24	19	18	17	4	17	13	14	6	7	5	11	10	13	17	11	12
NDUFA7		NM_005001.2	NM_005001.2:373	Endogenous	mRNA	100	246	279	289	275	277	243	199	186	296	242	190	255	300	278	283	239	344	276	234	213	258	213	236	209
NECTIN1		NM_203285.1	NM_203285.1:220	Endogenous	mRNA	8.33	36	43	34	39	38	35	21	24	29	24	24	28	33	27	36	23	46	31	33	27	24	30	20	30
NECTIN2		NM_001042724.1	NM_001042724.1:1120	Endogenous	mRNA	100	304	242	273	273	245	204	224	216	237	270	198	213	277	251	220	300	225	239	259	280	201	230	244	231
NFATC1		NM_172389.1	NM_172389.1:1984	Endogenous	mRNA	100	77	83	87	95	80	55	89	69	113	80	114	80	93	62	92	99	89	80	84	78	84	85	75	82
NFATC2		NM_012340.3	NM_012340.3:1815	Endogenous	mRNA	0	26	22	24	19	22	23	18	18	26	11	16	28	23	17	20	18	12	19	31	17	18	23	14	20
NFIL3		NM_005384.2	NM_005384.2:1795	Endogenous	mRNA	83.33	42	49	61	42	54	46	55	53	82	61	47	72	34	62	54	45	60	38	63	62	56	65	56	61
NFKB1		NM_003998.2	NM_003998.2:1675	Endogenous	mRNA	83.33	55	55	56	48	48	51	45	37	60	47	40	81	64	36	48	51	45	57	43	29	60	47	50	60
NFKBIA		NM_020529.1	NM_020529.1:945	Endogenous	mRNA	100	322	336	455	257	309	291	273	231	367	233	227	343	304	290	380	318	316	385	246	239	294	251	242	343
NFKBIE		NM_004556.2	NM_004556.2:1115	Endogenous	mRNA	100	392	405	500	305	337	350	347	240	448	328	234	397	354	345	386	386	340	455	316	261	356	309	272	374
NFKBIZ		NM_001005474.1	NM_001005474.1:2030	Endogenous	mRNA	70.83	43	31	43	48	47	43	30	35	45	46	46	50	45	46	45	36	42	58	37	45	53	32	58	55
NFYC		NM_001142587.1	NM_001142587.1:1890	Endogenous	mRNA	100	180	228	174	186	229	137	157	163	218	163	144	171	193	193	178	206	263	176	158	205	157	155	183	168
NGF		NM_002506.2	NM_002506.2:634	Endogenous	mRNA	0	9	6	13	10	8	8	10	15	11	13	9	10	7	8	12	8	2	4	8	19	16	8	8	5
NKG7		NM_005601.3	NM_005601.3:632	Endogenous	mRNA	0	7	12	9	9	9	10	11	5	6	11	10	11	5	9	4	13	9	12	4	9	7	9	3	9
NLRP3		NM_001079821.2	NM_001079821.2:415	Endogenous	mRNA	25	32	25	23	50	37	47	40	21	20	40	39	45	52	19	39	57	28	23	47	24	23	42	29	22
NMB		NM_021077.3	NM_021077.3:761	Endogenous	mRNA	100	302	255	308	246	174	159	232	168	302	245	125	185	277	187	191	278	186	245	264	141	202	250	145	234
NOD1		NM_006092.2	NM_006092.2:178	Endogenous	mRNA	83.33	45	57	53	62	55	57	39	37	52	47	67	60	57	63	47	40	49	42	46	45	49	47	68	46
NOD2		NM_022162.2	NM_022162.2:558	Endogenous	mRNA	4.17	22	26	21	33	25	43	36	32	27	24	31	27	15	13	29	16	15	21	15	14	39	29	25	23
NOS2		NM_000625.4	NM_000625.4:1005	Endogenous	mRNA	0	8	6	12	15	7	15	13	12	7	11	19	8	8	10	7	4	6	12	6	14	12	9	11	14
NOX1		NM_007052.4	NM_007052.4:455	Endogenous	mRNA	0	13	17	19	15	9	8	13	8	20	11	12	7	17	11	14	9	10	12	11	8	9	19	11	7
NOX3		NM_015718.2	NM_015718.2:398	Endogenous	mRNA	0	8	15	19	12	8	15	17	18	7	8	19	13	9	8	4	4	6	7	13	8	7	6	4	5
NOX4		NM_001143836.2	NM_001143836.2:1795	Endogenous	mRNA	0	1	3	5	7	7	7	3	5	11	4	5	6	5	2	5	4	3	3	5	7	3	2	4	5
NR1H3		NM_005693.2	NM_005693.2:1575	Endogenous	mRNA	100	681	614	704	443	474	427	412	270	402	304	217	342	484	458	453	512	498	574	333	232	337	355	201	356
NR2F6		NM_005234.3	NM_005234.3:1231	Endogenous	mRNA	100	48	74	70	64	56	52	54	66	75	45	57	66	64	59	50	71	55	68	58	56	66	63	56	53
NR4A1		NM_173157.1	NM_173157.1:1575	Endogenous	mRNA	0	9	9	20	8	6	14	6	11	24	8	12	17	9	4	11	8	4	13	6	12	13	1	8	14
NR4A2		NM_006186.3	NM_006186.3:1380	Endogenous	mRNA	0	2	6	7	7	10	7	8	4	9	11	6	6	5	7	4	4	10	3	4	6	2	5	5	5
NRIP3		NM_020645.2	NM_020645.2:1700	Endogenous	mRNA	100	314	698	464	367	628	384	338	515	541	334	484	368	370	645	389	364	647	499	402	590	388	384	583	416
OLR1		NM_002543.3	NM_002543.3:295	Endogenous	mRNA	0	12	14	22	25	26	33	12	20	14	22	24	26	17	27	19	16	13	15	25	10	14	16	8	19
OSCAR		NM_130771.3	NM_130771.3:990	Endogenous	mRNA	100	665	629	605	652	598	485	459	323	570	516	359	479	725	621	590	717	710	640	535	400	491	515	383	485
OSM		NM_020530.4	NM_020530.4:580	Endogenous	mRNA	0	5	14	14	9	13	3	13	10	5	7	7	8	6	10	6	13	6	6	4	5	9	7	6	7
P2RX1		NM_002558.2	NM_002558.2:2120	Endogenous	mRNA	25	30	50	41	44	50	42	20	38	33	25	39	33	40	59	38	31	68	30	28	40	37	28	45	25
PBX1		NM_002585.2	NM_002585.2:368	Endogenous	mRNA	0	8	4	8	10	12	4	8	8	9	6	8	9	2	9	7	6	5	11	11	8	7	7	9	13
PBX3		NM_006195.5	NM_006195.5:2050	Endogenous	mRNA	100	223	292	219	176	219	121	191	188	201	164	173	147	197	223	171	201	281	173	160	140	133	176	159	172
PDCD1		NM_005018.2	NM_005018.2:310	Endogenous	mRNA	0	6	11	8	7	7	8	7	9	9	4	11	8	7	5	6	8	6	3	6	8	4	12	9	1
PDCD1LG2		NM_025239.3	NM_025239.3:235	Endogenous	mRNA	100	206	137	197	201	155	162	138	80	143	149	107	167	208	129	189	244	137	208	163	105	151	168	123	155
PDE4A		NM_006202.2	NM_006202.2:3945	Endogenous	mRNA	100	102	124	115	119	98	92	116	116	124	85	117	126	124	98	86	120	117	107	101	111	99	109	108	107
PDGFA		NM_002607.5	NM_002607.5:2460	Endogenous	mRNA	0	8	4	16	10	8	7	11	9	16	13	15	7	5	7	7	7	4	3	7	4	11	15	8	9
PDGFB		NM_033016.2	NM_033016.2:1480	Endogenous	mRNA	4.17	11	14	7	17	11	5	34	29	43	19	11	16	11	6	12	11	9	9	28	26	9	30	15	20
PDGFRA		NM_006206.3	NM_006206.3:1925	Endogenous	mRNA	87.5	88	103	55	86	92	41	58	52	52	65	49	40	90	82	58	84	112	63	64	64	46	64	60	39
PDZK1IP1		NM_005764.3	NM_005764.3:293	Endogenous	mRNA	0	14	20	19	23	13	17	20	17	25	23	16	12	14	9	16	15	26	21	20	16	8	12	18	16
PELI1		NM_020651.3	NM_020651.3:1550	Endogenous	mRNA	100	159	121	177	143	135	131	142	135	201	116	167	171	128	126	154	161	147	133	119	165	143	137	147	181
PF4		NM_002619.3	NM_002619.3:109	Endogenous	mRNA	0	6	6	7	9	10	7	10	8	7	1	7	8	7	6	3	4	3	4	5	9	8	5	7	7
PFDN6		NM_014260.2	NM_014260.2:215	Endogenous	mRNA	100	227	306	260	222	313	221	155	158	212	161	196	198	245	321	189	277	334	244	192	196	160	151	175	196
PGGT1B		NM_005023.3	NM_005023.3:1002	Endogenous	mRNA	100	218	269	262	236	250	194	184	176	257	212	204	226	251	276	244	240	250	225	258	196	205	197	206	205
PGLYRP1		NM_005091.1	NM_005091.1:356	Endogenous	mRNA	0	2	5	9	10	4	6	7	7	10	3	3	9	4	6	8	4	4	7	4	11	5	3	3	2
PHLDA2		NM_003311.3	NM_003311.3:323	Endogenous	mRNA	0	10	8	15	15	12	12	17	10	8	15	12	11	10	11	15	12	14	13	6	6	17	15	15	16
PIK3CG		NM_002649.2	NM_002649.2:2125	Endogenous	mRNA	100	326	420	324	320	411	272	225	310	280	256	342	315	354	357	320	297	409	340	277	339	280	247	312	288
PIM2		NM_006875.2	NM_006875.2:620	Endogenous	mRNA	66.67	43	41	60	61	53	40	51	41	57	55	58	45	44	42	54	40	44	47	36	49	37	29	50	43
PLAU		NM_002658.2	NM_002658.2:793	Endogenous	mRNA	100	475	437	337	340	318	211	204	101	176	185	100	175	405	340	292	433	375	320	256	103	145	203	115	132
PLAUR		NM_001005376.1	NM_001005376.1:440	Endogenous	mRNA	100	372	471	447	369	408	377	476	497	560	421	380	432	368	414	363	349	396	381	439	456	439	436	465	448
PPARG		NM_005037.5	NM_005037.5:345	Endogenous	mRNA	100	236	257	232	183	194	153	158	142	246	158	129	171	219	243	170	213	270	212	146	138	163	161	162	171
PRDX1		NM_002574.2	NM_002574.2:632	Endogenous	mRNA	100	2925	3151	3078	2612	2925	2538	2201	1932	2732	1972	1897	2399	2856	3084	2857	2905	3289	3346	2101	2192	2204	2102	2135	2427
PRDX3		NM_014098.3	NM_014098.3:963	Endogenous	mRNA	100	2803	2902	3190	2492	2608	2278	2357	1881	3196	2213	1904	2581	2836	2679	2785	2763	2803	2916	2265	2066	2330	2273	1905	2480
PRG2		NM_002728.4	NM_002728.4:256	Endogenous	mRNA	0	26	14	25	23	23	26	42	34	33	26	20	30	22	17	17	20	12	17	25	24	37	38	22	15
PRG3		NM_006093.3	NM_006093.3:386	Endogenous	mRNA	0	18	22	18	36	34	22	25	25	18	31	22	16	20	12	17	16	13	11	12	16	12	21	11	18
PRKCA		NM_002737.2	NM_002737.2:680	Endogenous	mRNA	100	183	206	213	147	162	124	166	159	237	141	107	154	179	157	128	185	184	174	147	163	133	144	159	165
PRKCI		NM_002740.4	NM_002740.4:530	Endogenous	mRNA	100	81	115	92	83	101	70	90	67	76	78	88	94	93	76	70	80	81	83	68	83	88	85	72	76
PROK2		NM_021935.3	NM_021935.3:827	Endogenous	mRNA	0	16	15	17	22	16	24	15	17	29	11	16	20	20	18	11	11	7	12	18	16	18	17	13	27
PROS1		NM_000313.1	NM_000313.1:875	Endogenous	mRNA	100	271	315	223	236	300	169	255	256	300	223	267	222	217	279	187	246	337	237	227	297	182	238	311	195
PRRX1		NM_022716.2	NM_022716.2:330	Endogenous	mRNA	0	11	7	12	13	11	15	5	8	11	13	13	15	6	9	9	12	5	10	10	9	11	8	12	7
PSMB8		NM_004159.4	NM_004159.4:1215	Endogenous	mRNA	100	753	810	781	702	673	517	482	401	639	547	458	535	798	703	663	814	799	668	555	491	577	569	465	517
PSMB9		NM_002800.4	NM_002800.4:455	Endogenous	mRNA	100	166	240	240	196	223	200	117	160	176	122	168	176	226	232	278	239	245	227	161	169	188	154	159	174
PSME2		NM_002818.2	NM_002818.2:315	Endogenous	mRNA	100	727	845	991	723	758	654	389	255	577	397	310	500	777	726	824	723	790	887	418	297	445	368	295	444
PTAFR		NM_000952.3	NM_000952.3:1035	Endogenous	mRNA	100	240	319	313	343	448	315	211	177	233	258	329	312	300	386	352	329	345	281	245	275	291	249	264	257
PTGDR		NM_000953.2	NM_000953.2:2456	Endogenous	mRNA	0	5	9	17	14	9	11	7	12	11	11	9	10	11	6	11	7	10	6	10	12	13	7	7	12
PTGDR2		NM_004778.1	NM_004778.1:1835	Endogenous	mRNA	0	8	1	5	10	8	6	8	7	4	2	2	4	5	3	8	4	9	4	1	9	7	6	2	5
PTGDS		NM_000954.5	NM_000954.5:180	Endogenous	mRNA	100	1921	4082	3729	1619	3250	2975	2029	3967	4169	1528	3303	3263	1517	3413	3242	1823	3894	4196	1473	3356	3377	1747	3818	4187
PTGER2		NM_000956.2	NM_000956.2:1410	Endogenous	mRNA	58.33	40	48	33	47	59	53	35	25	44	46	46	51	50	45	40	31	52	43	31	39	46	40	37	55
PTGS1		NM_000962.2	NM_000962.2:700	Endogenous	mRNA	100	123	87	171	99	93	91	78	59	139	92	81	112	113	75	124	111	87	121	119	81	110	107	53	77
PTGS2		NM_000963.1	NM_000963.1:495	Endogenous	mRNA	0	13	16	14	14	25	18	29	20	16	14	14	10	19	18	15	12	15	7	16	20	15	18	20	17
PTPN14		NM_005401.4	NM_005401.4:3770	Endogenous	mRNA	0	11	15	12	3	9	10	13	9	15	9	10	15	12	8	8	13	9	7	14	14	13	6	12	8
PTPRB		NM_002837.4	NM_002837.4:1704	Endogenous	mRNA	0	20	17	15	20	23	28	23	25	15	19	30	12	11	11	12	7	12	13	14	19	17	19	8	19
PTPRC		NM_080923.2	NM_080923.2:154	Endogenous	mRNA	100	210	221	196	213	238	147	195	185	213	201	216	210	208	257	182	211	239	191	218	234	191	227	248	173
PTPRK		NM_001135648.1	NM_001135648.1:472	Endogenous	mRNA	0	10	17	13	16	18	19	17	19	17	16	18	10	8	12	9	8	11	5	15	11	21	10	14	9
PTX3		NM_002852.3	NM_002852.3:1152	Endogenous	mRNA	25	18	46	46	28	38	37	40	30	52	28	36	50	34	38	38	17	54	45	41	41	39	27	38	38
PYCARD		NM_013258.3	NM_013258.3:714	Endogenous	mRNA	100	161	189	161	158	196	147	129	121	188	125	170	159	154	188	180	169	176	162	127	138	143	136	171	163
RAB20		NM_017817.1	NM_017817.1:758	Endogenous	mRNA	100	763	1095	906	737	1015	777	676	667	821	614	756	762	806	1032	862	778	1017	962	630	782	747	655	794	763
RAB3D		NM_004283.3	NM_004283.3:2610	Endogenous	mRNA	100	57	81	93	63	85	94	81	106	152	69	99	118	65	87	118	75	85	117	72	128	117	80	113	104
RAD51		NM_133487.2	NM_133487.2:566	Endogenous	mRNA	0	17	18	20	15	9	12	9	21	25	17	12	11	12	12	11	9	7	6	9	3	18	9	11	16
RAF1		NM_002880.2	NM_002880.2:1990	Endogenous	mRNA	100	240	291	239	248	278	228	281	351	362	302	341	340	258	248	270	251	253	278	337	364	295	284	391	349
RAPGEF4		NM_007023.3	NM_007023.3:1992	Endogenous	mRNA	0	4	19	13	21	21	11	20	12	14	13	12	11	14	11	11	4	5	9	1	6	16	16	15	8
RASAL1		NM_004658.1	NM_004658.1:2900	Endogenous	mRNA	4.17	25	11	20	49	20	30	22	24	39	31	23	28	33	16	33	28	5	22	32	15	21	30	24	34
RASGRF2		NM_006909.2	NM_006909.2:625	Endogenous	mRNA	0	14	12	15	13	15	14	6	9	19	9	16	6	14	14	18	4	11	3	11	6	12	14	10	10
RBP1		NM_002899.3	NM_002899.3:445	Endogenous	mRNA	0	23	19	12	31	25	14	23	18	17	24	21	22	24	26	16	33	15	14	30	24	16	22	18	19
RETNLB		NM_032579.2	NM_032579.2:426	Endogenous	mRNA	0	7	6	2	4	10	6	14	4	12	6	7	4	5	8	9	4	13	2	5	6	8	6	7	8
RGL1		NM_001297669.1	NM_001297669.1:820	Endogenous	mRNA	100	258	141	241	209	101	156	162	78	150	146	85	118	281	124	172	253	127	191	170	94	129	173	88	117
RGS1		NM_002922.3	NM_002922.3:675	Endogenous	mRNA	100	315	339	487	280	223	244	800	684	1067	448	345	431	293	225	316	321	272	366	503	508	510	541	495	544
RGS16		NM_002928.2	NM_002928.2:205	Endogenous	mRNA	58.33	33	54	57	33	38	29	68	108	111	44	66	70	31	30	29	20	33	45	60	81	65	42	69	66
RGS6		NM_001204420.1	NM_001204420.1:450	Endogenous	mRNA	0	9	13	8	4	9	12	10	14	10	6	10	8	9	7	14	13	5	1	13	10	9	7	4	5
RHOC		NM_175744.4	NM_175744.4:399	Endogenous	mRNA	100	1167	1303	1622	1236	1293	1193	1283	1227	1954	1247	1075	1418	1308	1321	1438	1274	1418	1591	1244	1200	1404	1178	1243	1468
RHOG		NM_001665.3	NM_001665.3:345	Endogenous	mRNA	100	536	567	577	542	594	444	490	446	571	468	454	521	576	590	528	569	593	585	474	458	466	468	450	467
RHOJ		NM_020663.4	NM_020663.4:230	Endogenous	mRNA	0	10	8	6	11	11	12	11	7	5	8	10	9	8	9	7	8	6	8	11	11	5	4	7	9
RICTOR		NM_152756.3	NM_152756.3:3097	Endogenous	mRNA	100	81	80	101	88	104	72	95	96	102	95	89	98	85	74	67	97	106	70	103	121	86	74	96	95
RIN2		NM_018993.2	NM_018993.2:690	Endogenous	mRNA	70.83	39	45	45	45	56	32	43	59	53	35	69	45	51	35	50	37	47	37	47	52	39	55	68	45
RIPK2		NM_003821.5	NM_003821.5:1695	Endogenous	mRNA	100	288	337	290	255	285	237	184	160	235	190	172	204	247	280	233	240	354	305	208	181	177	175	166	215
RNASE2		NM_002934.2	NM_002934.2:296	Endogenous	mRNA	0	37	12	22	18	10	14	20	6	19	10	10	13	35	14	16	22	9	18	21	10	16	17	8	15
RNASE3		NM_002935.2	NM_002935.2:300	Endogenous	mRNA	0	8	10	19	12	13	10	13	10	13	13	7	7	17	10	9	11	7	9	12	10	12	12	10	12
RND3		NM_005168.3	NM_005168.3:775	Endogenous	mRNA	0	16	17	11	16	8	11	7	2	7	5	2	4	6	7	7	7	10	10	6	7	2	7	7	8
ROS1		NM_002944.2	NM_002944.2:4250	Endogenous	mRNA	0	14	15	28	27	15	21	19	19	15	20	15	11	21	12	18	13	8	8	20	16	14	18	15	19
RUNX2		NM_001024630.3	NM_001024630.3:34	Endogenous	mRNA	0	11	17	12	23	16	12	13	15	13	8	11	6	9	9	7	3	11	4	11	17	6	18	7	9
S100A10		NM_002966.1	NM_002966.1:245	Endogenous	mRNA	100	1404	1709	1485	1323	1704	1146	2640	3062	3229	2245	2811	2339	1454	1855	1396	1436	1837	1502	2407	3420	2169	2399	3203	2326
S100A11		NM_005620.1	NM_005620.1:127	Endogenous	mRNA	100	17811	22153	19717	16935	19708	13718	15184	14394	19697	14602	14383	15663	17274	19827	15922	17806	21523	17739	14410	16060	13865	13742	14687	13660
S100A4		NM_002961.2	NM_002961.2:263	Endogenous	mRNA	100	2311	2100	2840	2137	1881	2462	2994	2783	4212	2394	2385	3187	2196	2034	2587	2140	2106	2985	2506	2866	3100	2708	2887	3574
S100A8		NM_002964.3	NM_002964.3:115	Endogenous	mRNA	91.67	101	65	133	118	82	149	60	31	83	75	43	121	95	78	140	117	55	147	81	45	102	59	29	98
S100A9		NM_002965.2	NM_002965.2:75	Endogenous	mRNA	100	2119	2180	1929	1709	1473	1032	999	570	1034	1119	474	693	2295	1892	1425	2120	2021	1923	1278	576	796	1048	543	819
S1PR1		NM_001400.3	NM_001400.3:1065	Endogenous	mRNA	0	6	2	7	5	6	6	6	5	9	4	6	10	4	4	8	5	6	5	8	3	4	8	7	4

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SAA1		NM_199161.1	NM_199161.1:135	Endogenous	mRNA	0	8	8	4	4	10	7	10	9	7	8	8	7	8	10	12	4	10	10	8	12	7	14	7	9
SCIN		NM_033128.3	NM_033128.3:710	Endogenous	mRNA	100	207	218	234	141	174	130	129	88	136	94	94	99	208	171	185	193	193	227	131	112	97	121	116	100
SELE		NM_000450.2	NM_000450.2:1505	Endogenous	mRNA	0	4	6	13	5	4	9	9	10	14	4	6	4	6	3	8	8	5	6	4	8	4	5	4	9
SELL		NR_029467.1	NR_029467.1:1585	Endogenous	mRNA	0	12	10	7	10	5	7	12	7	10	10	10	8	7	8	13	14	10	2	9	4	3	11	11	5
SELP		NM_003005.2	NM_003005.2:1295	Endogenous	mRNA	0	10	4	5	7	10	7	7	4	9	11	9	11	10	6	10	5	10	10	7	11	6	8	11	13
SELPLG		NM_003006.3	NM_003006.3:2297	Endogenous	mRNA	0	18	21	23	20	28	17	31	24	32	23	24	19	26	18	18	19	13	25	26	25	17	15	31	19
SEMA4A		NM_001193300.1	NM_001193300.1:935	Endogenous	mRNA	66.67	50	42	58	72	35	63	60	52	65	46	24	40	96	29	66	83	30	46	59	24	58	66	32	48
SEMA4B		NM_020210.3	NM_020210.3:3470	Endogenous	mRNA	16.67	19	10	23	9	14	20	57	36	56	31	28	31	18	11	24	28	11	23	18	26	31	46	37	46
SEMA5A		NM_003966.2	NM_003966.2:6410	Endogenous	mRNA	0	6	10	14	9	9	8	11	8	13	3	9	9	4	13	11	8	9	7	9	2	9	11	7	8
SEMA6D		NM_153617.1	NM_153617.1:865	Endogenous	mRNA	0	7	6	5	7	6	1	10	8	10	9	5	5	5	10	8	2	2	6	5	3	6	7	10	7
SERINC2		NM_018565.3	NM_018565.3:795	Endogenous	mRNA	100	157	127	166	112	121	94	140	117	158	111	89	108	120	97	118	116	101	113	106	98	116	98	82	111
SERPINB2		NM_002575.1	NM_002575.1:305	Endogenous	mRNA	0	10	11	11	12	19	10	14	12	10	17	18	13	10	9	10	14	12	8	9	15	13	10	14	9
SERPINB6		NM_004568.4	NM_004568.4:681	Endogenous	mRNA	100	942	986	1217	831	727	751	1123	1014	1776	928	743	1002	881	851	854	962	901	1105	1050	966	995	1067	941	1319
SERPINB7		NM_001040147.1	NM_001040147.1:1348	Endogenous	mRNA	0	3	11	6	3	11	7	5	7	9	10	8	6	10	4	9	5	11	8	6	9	8	4	6	12
SERPINB9		NM_004155.3	NM_004155.3:950	Endogenous	mRNA	66.67	77	55	99	61	48	64	39	29	87	39	34	69	55	40	64	46	56	70	63	31	56	42	26	66
SERPINE1		NM_000602.4	NM_000602.4:577	Endogenous	mRNA	58.33	32	29	35	38	78	54	122	158	163	80	177	104	38	40	39	40	27	41	86	192	88	103	197	126
SERPINE3		NM_001101320.1	NM_001101320.1:132	Endogenous	mRNA	0	2	11	11	11	7	13	7	15	7	8	12	7	6	5	10	8	2	4	3	8	9	4	4	7
SESN1		NM_014454.2	NM_014454.2:2223	Endogenous	mRNA	100	46	57	73	46	80	68	49	83	76	67	87	93	50	58	70	55	48	67	52	96	89	53	94	73
SFRP4		NM_003014.2	NM_003014.2:1060	Endogenous	mRNA	0	4	5	4	14	9	7	10	8	9	8	3	5	6	8	8	4	6	5	7	6	10	4	8	6
SGPP1		NM_030791.3	NM_030791.3:1060	Endogenous	mRNA	100	571	750	662	581	661	502	430	453	521	485	504	490	658	660	550	621	718	637	535	451	490	438	458	501
SIGLEC1		NM_023068.3	NM_023068.3:5165	Endogenous	mRNA	100	272	214	244	182	127	79	132	68	106	143	79	54	254	104	107	277	162	126	181	65	73	194	92	86

3

SIGLEC5		NM_003830.2	NM_003830.2:2145	Endogenous	mRNA	16.67	7	44	34	23	68	28	16	33	26	24	42	26	13	42	28	8	43	29	19	35	27	14	43	21
SIRPA		NM_080792.2	NM_080792.2:3115	Endogenous	mRNA	100	1137	1296	1233	1147	1317	1095	980	857	1191	1023	970	1024	1191	1270	1137	1185	1359	1256	978	1048	1037	988	967	1163
SKI		NM_003036.2	NM_003036.2:3335	Endogenous	mRNA	100	132	144	148	125	148	111	149	147	155	131	147	122	153	161	124	147	144	139	153	160	127	142	164	135
SKIL		NM_005414.2	NM_005414.2:945	Endogenous	mRNA	100	96	113	134	134	109	93	91	50	101	96	99	133	120	95	114	130	113	90	109	64	114	115	80	84
SLC16A6		NM_001174166.1	NM_001174166.1:855	Endogenous	mRNA	100	197	146	118	194	146	92	319	243	261	203	161	119	205	136	120	203	137	143	174	181	139	204	213	142
SMAD1		NM_005900.2	NM_005900.2:1850	Endogenous	mRNA	100	103	95	108	84	122	98	71	71	72	77	92	84	97	134	103	94	108	97	92	99	84	85	78	98
SMAD2		NM_005901.5	NM_005901.5:1678	Endogenous	mRNA	100	392	610	479	431	557	383	353	394	494	370	403	441	445	587	453	414	588	479	349	426	395	353	439	431
SMAD7		NM_005904.2	NM_005904.2:1835	Endogenous	mRNA	100	105	102	121	96	96	80	111	91	132	105	103	98	108	88	77	107	101	83	91	90	115	107	90	86
SMARCD3		NM_001003801.1	NM_001003801.1:570	Endogenous	mRNA	0	22	35	41	24	30	28	26	39	29	19	26	35	16	25	26	20	23	22	18	31	32	31	29	32
SOCS1		NM_003745.1	NM_003745.1:1025	Endogenous	mRNA	0	28	34	35	26	30	22	24	17	34	24	16	20	25	29	29	23	33	25	21	26	21	22	22	26
SOCS2		NM_003877.3	NM_003877.3:1020	Endogenous	mRNA	0	14	13	11	20	14	12	8	7	10	8	6	9	12	10	11	4	14	6	7	5	8	10	6	10
SOCS3		NM_003955.3	NM_003955.3:1870	Endogenous	mRNA	0	12	22	15	18	11	15	20	8	27	8	18	17	17	15	11	15	14	9	15	16	8	23	13	16
SP4		NM_003112.3	NM_003112.3:1305	Endogenous	mRNA	0	18	33	28	26	22	25	24	31	29	27	34	35	14	39	28	20	29	33	25	35	33	31	36	28
SPHK1		NM_021972.2	NM_021972.2:895	Endogenous	mRNA	91.67	79	79	102	69	57	60	82	55	97	59	40	54	63	52	68	83	71	83	82	35	61	68	43	65
SPRY2		NM_005842.2	NM_005842.2:1481	Endogenous	mRNA	100	325	434	384	348	442	318	289	279	343	302	326	309	360	448	355	389	449	382	320	337	305	337	325	297
SPTBN1		NM_003128.2	NM_003128.2:3725	Endogenous	mRNA	37.5	29	78	76	26	36	40	25	52	65	18	44	27	24	41	40	31	44	60	24	35	40	25	48	48
SQSTM1		NM_003900.3	NM_003900.3:1445	Endogenous	mRNA	100	2149	2185	2593	2033	2072	1911	1502	1221	2026	1533	1472	1941	2261	2140	2335	2278	2298	2623	1640	1577	1835	1588	1426	1897
STAB1		NM_015136.2	NM_015136.2:95	Endogenous	mRNA	54.17	155	27	78	105	28	50	58	23	52	43	17	39	141	24	63	111	18	53	78	9	42	64	17	31
STAT1		NM_139266.1	NM_139266.1:455	Endogenous	mRNA	100	683	951	1043	745	975	749	430	350	611	465	528	609	857	989	835	899	975	968	558	533	529	434	558	541
STAT3		NM_003150.3	NM_003150.3:2060	Endogenous	mRNA	100	431	533	533	498	505	391	416	353	531	422	435	448	525	512	475	503	494	458	390	468	453	466	478	456
STAT4		NM_003151.2	NM_003151.2:789	Endogenous	mRNA	4.17	28	27	39	48	38	33	27	35	25	34	22	14	39	26	33	40	31	32	28	20	14	25	26	26
STAT5A		NM_003152.3	NM_003152.3:2523	Endogenous	mRNA	100	542	685	568	474	580	416	364	396	469	386	452	447	491	588	482	518	614	522	388	442	382	401	463	414
STAT5B		NM_012448.3	NM_012448.3:200	Endogenous	mRNA	100	127	132	148	117	151	107	122	124	139	118	113	122	136	126	138	108	131	114	115	145	129	137	128	135
STAT6		NM_003153.3	NM_003153.3:2030	Endogenous	mRNA	100	287	358	301	316	379	282	271	282	446	290	332	319	336	399	300	295	377	271	304	426	314	310	384	359
STK17A		NM_004760.2	NM_004760.2:528	Endogenous	mRNA	100	159	211	169	181	234	167	121	104	146	148	123	180	160	191	174	170	182	197	140	142	146	156	130	161
SYK		NM_003177.5	NM_003177.5:808	Endogenous	mRNA	100	636	1055	697	736	1149	656	930	1362	1266	1000	1581	1077	767	1208	764	718	1112	707	1039	1659	1000	993	1528	1028
TAP1		NM_000593.5	NM_000593.5:2075	Endogenous	mRNA	100	100	114	102	95	95	86	85	65	82	79	79	93	113	104	99	119	104	125	97	84	111	89	78	85
TAP2		NM_000544.3	NM_000544.3:909	Endogenous	mRNA	75	87	71	75	84	72	58	46	42	58	52	35	42	72	46	49	87	52	49	61	47	33	56	37	39
TAPBP		NM_003190.4	NM_003190.4:1536	Endogenous	mRNA	100	642	631	747	589	579	569	532	442	760	522	415	616	634	597	654	616	650	695	574	506	633	571	511	574
TEK		NM_000459.3	NM_000459.3:1894	Endogenous	mRNA	0	12	10	8	11	13	9	8	15	11	9	10	11	4	9	7	6	13	8	8	13	10	3	5	10
TEP1		NM_007110.3	NM_007110.3:3115	Endogenous	mRNA	100	49	59	60	46	61	51	51	66	57	51	57	83	43	57	50	62	63	53	48	58	74	45	55	75
TERF2IP		NM_018975.2	NM_018975.2:1380	Endogenous	mRNA	100	392	455	518	351	401	329	373	300	507	325	323	400	427	485	418	406	436	451	384	388	391	346	397	401
TFCP2		NM_005653.3	NM_005653.3:1970	Endogenous	mRNA	100	132	180	163	117	167	152	113	115	160	127	128	137	143	186	166	146	173	161	121	148	152	118	132	143
TGFA		NM_003236.2	NM_003236.2:780	Endogenous	mRNA	0	17	31	19	26	28	25	21	22	20	20	27	13	29	27	20	14	23	13	20	16	16	11	17	8
TGFB1		NM_000660.3	NM_000660.3:1260	Endogenous	mRNA	100	484	726	508	486	702	423	728	1139	948	660	1010	627	501	667	524	551	732	454	692	1152	586	699	1149	666
TGFBR3		NM_003243.3	NM_003243.3:1950	Endogenous	mRNA	0	4	5	10	15	5	11	8	9	6	5	3	3	4	2	7	6	3	3	5	11	5	5	5	6
TGM2		NM_004613.2	NM_004613.2:590	Endogenous	mRNA	100	1542	1813	1672	1186	1466	978	905	642	1042	704	487	766	1256	1639	1169	1344	1686	1511	806	665	784	655	595	739
THBD		NM_000361.2	NM_000361.2:1246	Endogenous	mRNA	58.33	103	50	37	53	27	18	122	82	53	71	41	32	68	42	25	61	46	18	70	45	25	77	48	40
TIGIT		NM_173799.2	NM_173799.2:1968	Endogenous	mRNA	0	17	20	22	20	18	21	20	20	17	17	23	12	19	18	15	15	12	8	12	10	12	8	11	12
TIMD4		NM_138379.1	NM_138379.1:92	Endogenous	mRNA	0	12	15	7	8	4	10	14	12	8	12	11	8	13	9	6	4	7	9	7	10	11	6	10	14
TIMP3		NM_000362.4	NM_000362.4:1640	Endogenous	mRNA	100	1245	1079	1158	1312	1387	1191	1325	1249	2025	1320	1451	1703	1066	1046	977	1154	1140	998	1092	1247	1223	1180	1182	1312
TLR1		NM_003263.3	NM_003263.3:545	Endogenous	mRNA	100	439	490	643	418	477	527	331	382	628	383	496	620	429	463	570	425	522	623	428	484	596	401	495	594
TLR10		NM_030956.2	NM_030956.2:2246	Endogenous	mRNA	0	16	31	34	36	34	33	39	42	32	35	35	32	37	34	25	19	23	25	33	25	25	34	38	33
TLR2		NM_003264.3	NM_003264.3:668	Endogenous	mRNA	95.83	117	89	109	87	67	82	93	43	80	72	44	79	129	66	102	143	69	86	121	50	77	104	33	79
TLR3		NM_003265.2	NM_003265.2:772	Endogenous	mRNA	0	24	23	22	28	16	23	17	12	25	18	7	19	30	18	27	29	15	28	13	13	17	16	12	15
TLR4		NM_138554.2	NM_138554.2:2570	Endogenous	mRNA	100	309	317	403	326	353	326	236	255	345	291	322	356	365	346	382	362	376	373	326	316	334	343	330	352
TLR5		NM_003268.5	NM_003268.5:2863	Endogenous	mRNA	79.17	48	44	56	61	67	59	24	23	47	59	50	73	64	58	79	53	67	64	53	38	55	42	30	53
TLR6		NM_006068.2	NM_006068.2:2530	Endogenous	mRNA	100	166	154	205	159	180	121	162	140	192	158	135	184	197	162	144	172	160	148	141	177	157	172	179	140
TLR7		NM_016562.3	NM_016562.3:4120	Endogenous	mRNA	0	14	9	24	20	20	26	5	9	17	24	15	32	21	18	25	24	11	26	13	11	32	18	9	24
TLR8		NM_016610.2	NM_016610.2:2310	Endogenous	mRNA	100	148	129	249	232	157	181	148	110	274	163	173	253	181	120	195	190	126	168	164	118	208	161	122	217
TLR9		NM_017442.2	NM_017442.2:985	Endogenous	mRNA	0	10	3	9	12	4	8	5	5	9	8	12	10	6	10	5	6	6	8	3	6	8	7	6	4
TM7SF3		NM_016551.2	NM_016551.2:1784	Endogenous	mRNA	100	889	1241	951	836	1216	782	699	808	963	707	857	756	879	1149	846	807	1246	873	713	910	661	642	839	695
TMEM173		NM_198282.1	NM_198282.1:725	Endogenous	mRNA	100	216	172	216	104	81	81	176	173	177	102	75	81	119	99	112	162	125	166	85	94	82	133	106	103
TNC		NM_002160.3	NM_002160.3:1215	Endogenous	mRNA	0	6	7	10	9	7	10	5	9	11	11	11	11	8	8	10	5	8	9	6	9	10	13	11	11
TNF		NM_000594.2	NM_000594.2:1010	Endogenous	mRNA	0	29	39	32	23	17	20	17	13	25	22	13	12	29	26	21	29	27	33	22	10	14	25	12	12
TNFAIP3		NM_006290.2	NM_006290.2:260	Endogenous	mRNA	91.67	39	48	69	41	50	66	131	126	217	102	91	129	60	45	72	57	46	64	112	121	128	115	149	138
TNFAIP6		NM_007115.2	NM_007115.2:250	Endogenous	mRNA	0	27	26	31	28	30	24	28	23	23	21	21	25	29	28	19	17	23	33	25	23	24	15	27	19
TNFAIP8		NM_001077654.1	NM_001077654.1:260	Endogenous	mRNA	100	172	154	191	166	121	137	162	125	203	158	165	171	196	135	155	154	135	177	175	155	176	174	158	200
TNFRSF11A		NM_003839.3	NM_003839.3:226	Endogenous	mRNA	100	116	99	165	133	129	110	110	144	148	130	185	170	150	103	132	134	117	159	124	196	116	122	183	140
TNFRSF12A		NM_016639.1	NM_016639.1:575	Endogenous	mRNA	50	50	51	60	33	51	34	50	42	69	39	25	42	57	44	41	37	29	55	46	39	48	26	39	46
TNFRSF14		NM_003820.3	NM_003820.3:659	Endogenous	mRNA	100	112	166	153	127	145	91	157	170	199	125	117	110	120	123	106	90	151	114	128	148	123	130	168	159
TNFRSF1A		NM_001065.2	NM_001065.2:515	Endogenous	mRNA	100	389	343	441	390	428	337	237	227	364	329	285	314	410	364	400	423	374	398	323	279	307	295	281	328
TNFRSF1B		NM_001066.2	NM_001066.2:835	Endogenous	mRNA	100	389	436	518	555	471	520	572	567	811	661	745	702	610	484	620	522	529	587	648	809	702	687	673	658
TNFRSF4		NM_003327.3	NM_003327.3:981	Endogenous	mRNA	0	16	23	25	24	19	20	13	27	15	13	23	15	17	17	11	15	12	6	17	17	22	10	20	18
TNFRSF8		NM_152942.2	NM_152942.2:2030	Endogenous	mRNA	4.17	14	8	20	11	18	12	18	19	46	19	31	30	13	14	18	13	16	12	30	24	41	26	15	26
TNFRSF9		NM_001561.4	NM_001561.4:255	Endogenous	mRNA	0	23	10	32	19	8	15	36	18	41	25	23	28	22	22	13	20	17	34	21	15	19	22	19	22
TNFSF10		NM_003810.2	NM_003810.2:115	Endogenous	mRNA	50	24	26	63	33	27	68	49	30	64	37	34	88	46	12	65	42	22	64	56	30	96	53	42	87
TNFSF4		NM_003326.2	NM_003326.2:545	Endogenous	mRNA	0	23	35	36	23	29	21	22	20	19	24	24	24	20	33	24	21	28	20	17	28	16	18	27	18
TNFSF9		NM_003811.3	NM_003811.3:398	Endogenous	mRNA	87.5	34	51	72	63	73	63	55	66	76	56	58	64	40	45	70	50	44	60	31	65	75	49	58	58
TOP2A		NM_001067.3	NM_001067.3:3563	Endogenous	mRNA	8.33	19	43	44	11	12	10	11	28	41	7	10	10	14	17	7	17	16	19	8	7	8	11	10	13
TPSAB1		NM_003294.3	NM_003294.3:579	Endogenous	mRNA	62.5	76	46	9	57	49	9	125	59	9	88	59	7	79	38	5	61	47	8	112	57	3	117	67	5
TRAF1		NM_005658.3	NM_005658.3:3735	Endogenous	mRNA	29.17	26	26	32	31	28	32	62	35	75	48	33	69	21	29	34	26	25	19	52	30	62	40	33	59
TRAF2		NM_021138.3	NM_021138.3:1325	Endogenous	mRNA	87.5	56	41	69	75	58	81	48	46	71	54	39	57	51	49	69	52	44	74	51	55	60	52	42	66
TRAF6		NM_145803.2	NM_145803.2:745	Endogenous	mRNA	100	86	101	104	92	95	82	77	77	101	88	95	100	93	103	90	92	110	108	93	100	80	85	81	103
TRAFD1		NM_001143906.1	NM_001143906.1:1475	Endogenous	mRNA	100	216	292	239	223	279	194	152	178	201	184	206	196	238	276	236	212	297	218	183	238	165	194	204	179
TREM1		NM_001242589.1	NM_001242589.1:344	Endogenous	mRNA	0	15	7	14	13	11	8	37	15	15	14	10	4	9	9	15	12	13	6	22	15	9	20	12	7
TREM2		NM_018965.3	NM_018965.3:355	Endogenous	mRNA	100	6851	8300	5197	6208	6793	3765	5118	4246	4292	5615	4631	3718	6738	7318	4308	6871	8177	5151	5755	4714	3568	5562	4576	3800
TREX1		NM_016381.3	NM_016381.3:1486	Endogenous	mRNA	100	185	223	176	195	227	175	114	103	135	153	153	146	213	205	194	212	241	185	159	136	165	141	128	140
TRIM9		NM_015163.5	NM_015163.5:1856	Endogenous	mRNA	0	8	17	17	14	12	9	9	15	21	8	12	10	8	10	12	8	9	5	13	15	14	10	12	16
TSPAN7		NM_004615.3	NM_004615.3:725	Endogenous	mRNA	8.33	25	29	45	30	23	46	30	32	27	22	31	28	22	19	37	13	23	29	19	30	35	23	21	24
TSPAN8		NM_004616.2	NM_004616.2:235	Endogenous	mRNA	0	7	4	7	7	9	7	9	8	7	9	7	9	9	9	9	7	7	8	7	6	6	4	5	4
TTK		NM_003318.3	NM_003318.3:1200	Endogenous	mRNA	0	11	16	18	8	13	12	10	14	12	4	8	8	7	10	8	7	7	8	8	9	8	10	14	8
TUBA1A		NM_001270399.1	NM_001270399.1:36	Endogenous	mRNA	0	25	16	17	21	33	18	17	21	24	16	18	19	25	15	12	18	17	13	22	21	19	21	21	17
TUBA4A		NM_006000.1	NM_006000.1:217	Endogenous	mRNA	66.67	53	43	57	40	31	37	85	67	116	55	56	56	39	34	41	52	33	36	48	49	49	67	63	69
TWISTNB		NM_001002926.1	NM_001002926.1:3246	Endogenous	mRNA	100	92	102	133	104	101	81	86	65	107	83	81	93	108	123	96	99	111	107	82	96	76	86	84	87
TXN		NM_003329.2	NM_003329.2:55	Endogenous	mRNA	100	3659	3553	3146	2976	2708	1898	1940	1371	2114	1842	1154	1340	3484	3090	2367	3318	3293	2933	1999	1291	1394	1913	1460	1535
TXNDC16		NM_001160047.1	NM_001160047.1:1260	Endogenous	mRNA	100	104	100	132	103	119	108	99	78	109	72	77	85	118	123	119	117	94	125	83	73	81	70	86	98
TYROBP		NM_003332.3	NM_003332.3:361	Endogenous	mRNA	100	15215	15449	14701	14371	14029	11234	11945	11091	13932	12626	11756	11865	16308	14683	13374	16474	15564	13960	13048	12113	11170	13397	12262	11937
USP18		NM_017414.3	NM_017414.3:334	Endogenous	mRNA	95.83	53	75	57	59	87	51	71	48	62	60	73	64	58	55	58	63	72	45	60	72	47	55	60	39
VAMP2		NM_014232.2	NM_014232.2:1479	Endogenous	mRNA	100	67	86	88	77	85	89	80	85	104	79	76	84	82	84	87	78	82	81	85	61	70	76	84	79
VASP		NM_003370.3	NM_003370.3:1500	Endogenous	mRNA	100	1518	1784	1729	1459	1592	1288	1015	888	1422	1095	1102	1283	1561	1633	1480	1523	1732	1575	1193	1140	1148	1057	1000	1134
VAV1		NM_005428.2	NM_005428.2:764	Endogenous	mRNA	100	397	422	441	382	395	292	328	246	303	299	315	357	430	409	362	403	419	386	319	337	335	364	329	330
VAV2		NM_001134398.1	NM_001134398.1:1615	Endogenous	mRNA	95.83	45	67	58	47	76	48	53	67	63	46	61	71	56	59	63	43	64	65	41	60	55	51	60	64
VCAM1		NM_001078.3	NM_001078.3:2535	Endogenous	mRNA	0	22	17	25	15	7	23	11	23	12	9	12	6	15	17	13	17	14	12	17	9	12	9	5	15
VEGFA		NM_001025366.1	NM_001025366.1:1325	Endogenous	mRNA	45.83	19	30	30	17	22	27	73	70	91	49	50	58	24	23	24	11	23	23	39	61	52	58	59	67
VEGFC		NM_005429.2	NM_005429.2:565	Endogenous	mRNA	0	7	13	11	8	5	9	8	10	9	7	4	15	3	6	3	4	7	9	6	9	6	6	3	5
VRK2		NM_006296.3	NM_006296.3:875	Endogenous	mRNA	100	106	115	104	105	153	100	82	70	122	88	96	119	107	155	115	114	115	97	105	95	97	84	86	83

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VSIR		NM_022153.1	NM_022153.1:1955	Endogenous	mRNA	100	80	58	69	87	79	82	102	86	133	113	92	148	101	92	116	90	77	80	130	95	136	104	94	131
VTCN1		NM_024626.2	NM_024626.2:1375	Endogenous	mRNA	0	3	6	4	13	12	5	5	5	7	4	5	6	8	6	9	7	5	4	10	7	6	8	7	6
VWA5A		NM_001130142.1	NM_001130142.1:980	Endogenous	mRNA	100	201	212	206	228	232	137	166	183	196	176	159	177	188	208	179	203	218	183	186	155	175	187	177	174
WAS		NM_000377.2	NM_000377.2:90	Endogenous	mRNA	100	250	221	269	247	234	228	170	162	242	204	203	215	274	254	234	253	262	256	199	178	223	188	181	204
XCR1		NM_005283.2	NM_005283.2:700	Endogenous	mRNA	0	17	21	19	6	17	18	24	14	21	14	12	17	14	10	12	12	11	12	12	18	9	10	14	9
YAP1		NM_001130145.2	NM_001130145.2:4423	Endogenous	mRNA	0	9	12	7	10	11	6	12	7	12	11	17	14	7	14	6	7	6	10	3	13	17	8	12	9
YES1		NM_005433.3	NM_005433.3:265	Endogenous	mRNA	0	35	26	29	18	20	13	25	21	36	14	12	23	14	12	25	18	14	24	16	27	18	18	18	30
ZFP92		NM_001136273.1	NM_001136273.1:235	Endogenous	mRNA	0	33	31	23	40	34	32	8	16	14	32	27	20	36	34	22	27	31	16	20	9	22	26	12	9
ZMPSTE24		NM_005857.3	NM_005857.3:540	Endogenous	mRNA	100	454	442	451	416	426	370	333	265	409	356	276	297	475	429	386	479	461	453	367	291	296	331	284	313
ZNF148		NM_021964.1	NM_021964.1:2220	Endogenous	mRNA	100	209	233	196	204	243	183	189	168	232	176	219	196	226	227	190	215	225	175	167	203	215	175	208	201
ZNF77		NM_021217.2	NM_021217.2:1560	Endogenous	mRNA	0	15	34	17	19	26	15	15	11	19	21	24	9	23	22	16	27	25	11	14	17	13	24	15	21
ZNRF2		NM_147128.3	NM_147128.3:1594	Endogenous	mRNA	100	260	284	330	329	372	330	217	198	247	210	299	297	346	295	328	356	344	308	265	251	249	234	260	292
ABCF1		NM_001090.2	NM_001090.2:850	Housek		100	184	179	187	157	174	168	139	107	181	139	136	147	185	174	147	182	175	196	131	124	135	120	114	134
AGK		NM_018238.3	NM_018238.3:1063	Housek		95.83	54	53	75	49	59	55	40	53	71	58	49	48	65	55	63	66	57	72	44	44	47	46	45	57
ALAS1		NM_000688.4	NM_000688.4:2159	Housek		83.33	73	100	82	103	83	54	41	34	49	60	45	48	77	86	79	79	77	74	56	38	49	50	45	30
AMMECR1L		NM_031445.2	NM_031445.2:252	Housek		91.67	62	69	65	58	68	43	69	62	64	58	58	43	55	44	49	41	58	46	58	42	45	45	47	46
CC2D1B		NM_032449.2	NM_032449.2:1386	Housek		100	162	177	194	135	157	124	121	122	161	111	113	123	141	160	128	165	173	139	132	139	119	126	126	129
CNOT10		NM_001256741.1	NM_001256741.1:1962	Housek		100	73	82	85	80	84	54	76	83	87	65	68	64	72	88	87	92	96	81	73	70	64	76	74	77
CNOT4		NM_001190848.1	NM_001190848.1:795	Housek		100	109	116	118	101	102	84	119	93	116	84	79	81	121	101	98	104	110	115	110	117	89	97	98	104
COG7		NM_153603.3	NM_153603.3:1492	Housek		100	110	98	118	74	110	71	74	67	82	76	66	62	117	103	75	81	106	86	76	82	70	74	90	79
DDX50		NM_024045.1	NM_024045.1:1185	Housek		100	81	121	102	96	97	86	85	87	107	61	104	112	85	98	72	81	102	105	97	112	89	82	94	95
DHX16		NM_001164239.1	NM_001164239.1:2490	Housek		100	76	81	77	70	76	66	57	51	71	57	62	62	56	68	51	72	84	94	57	44	56	70	46	54
DNAJC14		NM_032364.5	NM_032364.5:1166	Housek		100	56	72	76	60	67	50	55	64	62	52	72	55	67	60	61	46	65	50	54	58	59	53	65	69
EDC3		NM_001142443.1	NM_001142443.1:1024	Housek		100	86	116	118	106	118	76	85	79	120	74	81	99	106	97	92	109	110	97	79	91	86	76	81	92
EIF2B4		NM_172195.3	NM_172195.3:1390	Housek		100	233	250	282	212	231	217	213	186	262	196	193	230	241	270	236	212	299	255	217	217	207	181	185	231
ERCC3		NM_000122.1	NM_000122.1:1950	Housek		50	40	62	54	56	53	40	38	35	53	39	38	44	41	45	40	51	55	49	39	41	40	44	38	51
FCF1		NM_015962.4	NM_015962.4:1022	Housek		100	331	370	371	328	374	316	301	273	424	318	302	320	346	374	356	369	358	399	306	318	335	315	346	363
G6PD		NM_000402.2	NM_000402.2:1155	Housek		100	1339	1450	1261	1368	1582	1264	1025	995	1255	1168	1071	1172	1397	1655	1346	1499	1531	1525	1168	1187	1105	1165	1094	1278
GPATCH3		NM_022078.2	NM_022078.2:1685	Housek		0	18	24	32	21	42	28	36	22	30	36	25	28	24	20	25	25	27	19	21	19	24	22	18	26
GUSB		NM_000181.3	NM_000181.3:1899	Housek		100	2785	3731	2806	2560	3211	1804	2513	2804	2833	2496	2878	2268	2663	3429	2296	2872	3712	2812	2476	3004	2191	2694	3061	2518
HDAC3		NM_003883.3	NM_003883.3:352	Housek		100	239	270	261	234	291	211	174	190	230	211	201	215	208	273	247	231	269	270	202	229	203	164	192	237
HPRT1		NM_000194.1	NM_000194.1:240	Housek		100	208	246	263	212	203	176	212	171	301	204	175	223	228	242	209	226	223	233	224	159	187	202	170	216
MRPS5		NM_031902.3	NM_031902.3:390	Housek		100	306	326	313	244	275	207	216	206	295	219	213	240	260	295	239	249	285	312	234	228	220	205	231	208
MTMR14		NM_022485.3	NM_022485.3:720	Housek		100	325	386	398	289	401	292	210	213	281	223	250	304	306	367	327	308	422	403	215	243	244	219	239	250
NOL7		NM_016167.3	NM_016167.3:335	Housek		100	506	584	564	482	508	419	447	386	538	424	381	454	551	549	486	502	582	531	421	411	369	364	412	447
NUBP1		NM_002484.3	NM_002484.3:230	Housek		100	182	181	180	184	201	160	127	105	147	139	152	175	191	202	177	198	186	200	155	163	136	154	161	163
POLR2A		NM_000937.2	NM_000937.2:3775	Housek		100	200	199	209	174	214	167	192	182	239	189	200	266	202	217	152	177	193	207	187	217	220	211	223	213
PPIA		NM_021130.3	NM_021130.3:200	Housek		100	10376	12091	12342	9002	10072	8556	9338	8552	12725	8271	7155	9125	10637	10848	10370	10375	11512	12314	8914	8772	9144	8798	8383	10112
PRPF38A		NM_032864.3	NM_032864.3:335	Housek		100	205	247	187	196	273	165	170	180	218	198	193	202	201	248	185	187	275	185	183	212	177	195	212	191
SAP130		NM_024545.3	NM_024545.3:3090	Housek		100	168	161	198	162	161	141	137	128	188	140	156	142	157	174	164	201	196	156	170	148	154	158	143	169
SDHA		NM_004168.1	NM_004168.1:230	Housek		100	97	113	136	83	120	91	94	89	128	92	79	108	113	87	103	103	128	104	91	97	102	84	75	103
SF3A3		NM_006802.2	NM_006802.2:2060	Housek		100	124	111	139	111	127	122	84	71	107	82	112	97	126	100	83	117	122	114	102	95	118	107	80	109
TBP		NM_001172085.1	NM_001172085.1:587	Housek		100	93	117	124	88	120	101	106	74	121	87	128	94	106	112	98	113	133	107	77	112	87	89	95	95
TLK2		XM_011524223.1	XM_011524223.1:383	Housek		100	131	141	149	122	111	111	128	119	138	97	118	122	122	134	133	135	125	123	121	129	117	116	144	128
TMUB2		NM_024107.2	NM_024107.2:1485	Housek		100	182	182	170	170	190	139	157	153	162	137	125	156	162	140	168	163	154	173	154	168	123	156	162	137
TRIM39		NM_021253.3	NM_021253.3:3140	Housek		75	50	47	52	52	56	45	46	29	49	42	38	52	38	60	44	50	57	32	48	44	46	46	50	37
TUBB		NM_178014.2	NM_178014.2:1955	Housek		100	388	477	493	323	315	311	346	389	577	310	320	348	383	370	353	350	385	398	381	369	342	307	370	402
USP39		NM_001256725.1	NM_001256725.1:806	Housek		100	129	123	154	143	145	145	104	93	124	97	114	122	127	157	126	135	134	143	95	119	95	95	81	106
ZC3H14		NM_207662.3	NM_207662.3:1206	Housek		100	223	282	306	215	252	191	213	176	282	205	201	260	248	276	249	238	262	280	204	210	225	190	203	225
ZKSCAN5		NM_014569.3	NM_014569.3:3688	Housek		0	19	16	24	22	26	11	22	26	17	11	18	19	22	24	20	23	22	18	31	22	22	14	21	15
ZNF143		NM_003442.5	NM_003442.5:925	Housek		100	86	113	90	77	91	92	62	59	114	70	66	77	80	91	71	77	99	78	81	98	78	66	73	70
ZNF346		NM_012279.3	NM_012279.3:132	Housek		0	7	9	13	18	12	12	20	13	17	17	17	14	12	8	9	10	12	10	13	1	6	1	3	1
NEG_A		ERCC_00096.1	ERCC_00096.1:230	Negative	SYSTEM	0	8	16	12	17	13	8	21	15	10	17	10	17	9	11	14	9	2	12	4	11	10	10	11	8
NEG_B		ERCC_00041.1	ERCC_00041.1:440	Negative	SYSTEM	0	5	12	14	14	12	8	6	9	12	9	8	4	9	11	5	14	10	4	5	10	7	5	8	5
NEG_C		ERCC_00019.1	ERCC_00019.1:140	Negative	SYSTEM	0	9	10	12	17	11	15	8	16	14	8	13	14	15	12	12	12	8	10	11	17	5	10	15	9
NEG_D		ERCC_00076.1	ERCC_00076.1:355	Negative	SYSTEM	0	8	14	17	9	11	17	17	16	15	10	12	6	6	9	16	8	13	3	7	11	10	7	6	8
NEG_E		ERCC_00098.1	ERCC_00098.1:785	Negative	SYSTEM	0	18	17	22	12	16	15	19	17	19	13	12	19	12	17	12	13	18	10	16	17	20	14	8	10
NEG_F		ERCC_00126.1	ERCC_00126.1:220	Negative	SYSTEM	0	12	19	14	23	14	18	18	24	19	18	9	11	15	23	15	23	10	11	22	21	13	17	12	11
NEG_G		ERCC_00144.1	ERCC_00144.1:15	Negative	SYSTEM	0	11	13	9	17	11	18	19	22	12	14	19	10	12	10	12	10	10	6	20	13	6	13	10	12
NEG_H		ERCC_00154.1	ERCC_00154.1:115	Negative	SYSTEM	0	7	17	16	18	13	15	13	23	15	17	14	15	9	19	7	9	12	6	6	16	14	8	9	11
POS_A		ERCC_00117.1	ERCC_00117.1:385	Positive	SYSTEM	0	32894	33017	39749	45258	37961	36009	40247	48561	39207	36850	43889	47776	37528	35648	39118	38394	28024	33072	36242	37227	43865	45067	43495	38394
POS_B		ERCC_00112.1	ERCC_00112.1:695	Positive	SYSTEM	0	9770	9861	11642	13175	11421	10629	12326	14808	11504	11210	13277	14418	11628	10905	11999	11681	8473	10257	10971	11648	13118	13903	13311	12017
POS_C		ERCC_00002.1	ERCC_00002.1:850	Positive	SYSTEM	0	2762	2730	3202	3559	3076	3026	3280	3903	3201	2991	3654	3921	3209	3021	3231	2989	2375	2822	3058	3109	3682	3744	3660	3381
POS_D		ERCC_00092.1	ERCC_00092.1:540	Positive	SYSTEM	0	723	727	842	903	812	750	798	1032	819	782	877	978	825	759	779	782	579	709	784	774	928	928	924	825
POS_E		ERCC_00035.1	ERCC_00035.1:485	Positive	SYSTEM	0	141	153	149	157	141	123	161	184	169	142	178	201	156	138	168	155	111	139	143	149	188	181	165	157
POS_F		ERCC_00034.1	ERCC_00034.1:195	Positive	SYSTEM	0	57	45	61	69	66	58	61	73	59	54	58	84	54	58	66	57	56	53	55	55	69	69	64	58