

L23A	NM_016584.Endogenous	58.33	100.48	88	146.12	17.24	88	88	88	146.12	92.01	104.19	112.31	111.98	93.29	88	105.83		
L23R	NM_144701.Endogenous	8.33	88.67	88	96.07	2.63	88	88	88	88	88	88	88	88	96.07	88	88		
L26	NM_018402.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88		
L27	NM_145659.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88		
L28A	NM_172138.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88		
L28B	NM_172139.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88		
L29	NM_172140.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88		
L2RA	NM_000417.Endogenous	91.67	1254.52	88	3692.46	108.16	88	1490.69	285.3	3161.94	107.92	2729.72	156.88	3692.46	1795.55	748.21	156.93	2266.64	
L2RB	NM_000878.Endogenous	100	232.52	124.7	1197.23	78.71	174.17	698.27	124.88	1199.23	181.46	844.57	1511.01	1181.63	211.41	424.47	124.76	845.84	
L2RC	NM_000206.Endogenous	100	2092.27	843.64	2796.3	29.25	174.17	2474.61	844.64	2831.31	2083.86	2796.3	1451.68	1882.41	1882.41	2796.27	1624.86	1893.79	
L3	NM_000588.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
L32	NM_000322.Endogenous	100	140.15	3482.64	2423.28	68.82	1760.66	6827.38	357.96	3482.46	9776.86	1748.22	4603.93	12139.14	2423.19	5083.43	7332.21		
L4	NM_000589.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
L4R	NM_000418.Endogenous	100	407.35	274.1	646.97	36.06	274.39	313.01	386.54	638.63	274.1	422.66	280.95	446.97	299.26	352.86	369.42	629.41	
L5	NM_000879.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
L6	NM_000600.Endogenous	8.33	89.47	88	105.64	5.69	88	88	88	105.64	88	88	88	88	88	88	88	88	
L6R	NM_000561.Endogenous	16.67	96.35	88	156.86	21.88	88	88	88	88	88	110.38	88	156.86	88	88	88	88	
L6ST	NM_001184.Endogenous	100	666.88	225.11	1454.26	37.79	737.75	225.11	573.68	737.07	1142.24	442.11	923.63	970.92	910.32	416.59	674.51	616.68	
L7	NM_000880.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
L7R	NM_001185.Endogenous	91.67	2395.37	684.22	4787.67	16.2	3806.04	6842.22	1423.46	3816.22	4787.67	1160.99	2802.48	3366.52	2460.65	1176.81	1656.04	1558.88	
L8	NM_000584.Endogenous	66.67	604.39	88	1834.21	102.71	983.48	1834.21	88	1800.97	93.59	899.93	88	88	88	88	88	88	
L8R	NM_000590.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
L9	NM_001137.Endogenous	100	606.88	484.71	790.51	15.3	1745.41	606.22	1200.71	573.81	796.18	547.59	581.07	674.48	696.96	544.24	481.21	622.27	
IRAK1	NM_001569.Endogenous	100	169.27	107.92	280.49	27.63	199.3	139.02	194.8	260.49	107.92	121.94	172.08	199.57	122.6	154.26	136.46	222.8	
IRAK2	NM_001701.Endogenous	16.67	91.4	88	112.84	8.93	88	88	88	112.84	88	88	88	103.96	88	88	88	88	
IRAK3	NM_001702.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
IRAK4	NM_018123.Endogenous	100	162.16	123.78	222.77	21.75	132.86	123.78	161.06	127.25	218.71	142.88	188.47	222.77	191.14	162.57	129.64	144.82	
IRAK5	NM_001238.Endogenous	100	606.97	297.58	1197.22	44.48	88	88	88	297.58	1197.22	499.49	394.23	4412.33	761.48	949.89	364.87	708.62	705.92
IRF3	NM_001571.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
IRF4	NM_002460.Endogenous	88.33	645.75	88	1942.77	94.46	186.3	697.81	88	1166.82	144.21	923.12	88	1942.77	1789.59	900.62	132.56	1300.39	
IRF5	NM_001572.Endogenous	81.67	19.39	88	107.29	21.13	88	88	88	117.64	88	88	88	107.29	88	88	88	88	
IRF7	NM_001573.Endogenous	88.33	110.45	88	217.69	31.42	88	88	88	123.64	118.43	217.69	88	88	88	120.08	88	116.97	
IRF8	NM_002163.Endogenous	50	166.07	88	385.01	62.71	88	88	88	385.01	510.91	88	88	176.76	162.44	88	88	281.69	148
IRGM4	NM_001488.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
ITGAB2	NM_000419.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
ITGAB6	NM_000883.Endogenous	75	184.95	88	431.98	64.83	158.08	88	88	404.65	116.32	238.39	88	88	88	88	88	88	
ITGAE5	NM_002025.Endogenous	100	125.12	106.71	891.09	75.21	88	106.71	699.58	251.29	180	116.15	461.23	152.23	332.35	107.15	316.78	124.93	
ITGAE6	NM_000210.Endogenous	91.67	386.59	88	825.59	55.54	303.28	88	492.38	418.95	554.88	134.65	479.96	418.63	534.8	129.32	825.59	258.61	
ITGAE8	NM_002028.Endogenous	100	125.12	106.71	891.09	75.21	88	106.71	699.58	251.29	180	116.15	461.23	152.23	332.35	107.15	316.78	124.93	
ITGAL	NM_002209.Endogenous	100	596.56	274.87	1488.1	61.37	423.14	997.38	308.18	486.18	356.23	896.19	282.12	528.16	433.44	1488.1	274.87	690.68	
ITGAM	NM_000632.Endogenous	66.67	362.61	88	1206.94	107.79	209.4	88	1206.94	429.76	111.63	88	716.42	202.38	88	88	88	156.75	
ITGAX	NM_000633.Endogenous	100	189.28	484.71	290.51	305.88	394.41	189.28	290.51	2106.44	249.88	249.88	249.88	249.88	104.32	104.32	104.32	104.32	
ITGB1	NM_001366.Endogenous	100	1117.3	226.31	2691.99	64.73	1873.99	462.81	2691.99	1531.75	977.97	432.39	1732.96	916.15	736.55	226.31	1732.96	584.85	
ITGB2	NM_000211.Endogenous	100	1688.18	484.71	5971.11	96.94	1103.29	5971.11	5971.11	2029.98	807.99	482.51	2542.82	984.84	469.86	529.29	399.83	1184.22	
ITIN1	NM_017675.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
ITLN2	NM_080878.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
JAK1	NM_001271.Endogenous	100	128.17	333.3	777.41	20.72	581.43	128.17	333.3	581.43	777.41	492.72	621.23	621.23	621.23	507.12	451.27	507.12	
JAK2	NM_004972.Endogenous	100	215.6	105.84	434.56	41.61	179.08	105.84	230.08	434.56	151.85	209.46	221.22	332.3	138.56	212.26	211.66		
JAK3	NM_000215.Endogenous	100	438.34	269.97	738.25	27.54	406.36	391.96	269.97	380.54	738.25	468.29	488.15	493.81	621.68	465.55	379.17	133.4	
KCNK2	NM_000228.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR1D1	NM_011289.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR2D2	NM_000737.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR1D1_Activating_Subgroup_NM_001083.Endogenous	0	88	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR_Activating_Subgroup_NM_001083.Endogenous	0	88	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR_Inhibiting_Subgroup_NM_001083.Endogenous	0	88	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KOR_Inhibiting_Subgroup_NM_001083.Endogenous	0	88	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIF	NM_000032.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIRAP1	NM_000045.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIR2B1	NM_000238.Endogenous	75	236.5	88	548.6	59.84	436.14	266.39	223.95	548.6	296.07	88	266.39	225.56	170.87	88	150.11	88	
KIR3C1	NM_000239.Endogenous	25	94.85	88	118.45	14.69	88	88	88	118.45	88	88	88	88	88	88	88	88	
KIR3C2	NM_000260.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIR3C3	NM_001333.Endogenous	33.33	100.33	88	179.55	25.27	88	88	88	88	88	88	88	179.55	100.33	100.33	107.42		
KIR3C4	NM_001431.Endogenous	41.67	100.82	88	88	88	88	88	88	88	88	88	1121.21	88	165.07	102.53	120.44	88	
KIR3D1	NM_002262.Endogenous	41.67	101.32	88	161.12	21.13	88	88	88	124.85	88	88	88	116.96	106.19	88	88	163.12	
KIR3D2	NM_000232.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIR3F2	NM_001190.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIR3F3	NM_000810.Endogenous	8.33	92.34	88	140.08	16.28	140.08	88	88	88	88	88	88	88	88	88	88	88	
KIR3F4	NM_000808.Endogenous	0	88	88	88	0	88	88	88	88	88	88	88	88	88	88	88	88	
KIR3F5	NM_000780.Endogenous	91.67	289.45	88	737.52	64.48	404.37	199.12	207.08	145.25	466.06	88	284.46	112.31	737.52	328.84	363.57	136.86	
LAC3	NM_002286.Endogenous	66.67	748.3	88	2109.16	109.39	141.53	1095.14	88	2109.16	129.89	1728.28	88	1705.14	88	968.05	88	742.4	
LAMP1	NM_000287.Endogenous																		

PRD41	NM_001108	Endogenous	100	262.82	96.5	777.88	83.41	233.96	230.51	161.06	777.88	104.1	236.67	113.55	995.92	139.97	105.3	96.5	308.41
PRK1	NM_000541	Endogenous	100	472.84	150.32	1043.18	65.11	333.6	646.68	150.32	1043.18	226.35	819.89	172.08	890.76	251.95	384.26	185.2	631
NM_000234	Endogenous	66.67	175.4	88	345.13	96.29	148.75	88	345.13	288.1	93.59	88	235.3	191.21	88	88	88	322.63	128.11
PSMB10	NM_001177	Endogenous	100	289.78	21.95	209.72	88	21.95	399.77	249.31	249.31	258.88	442.3	372.02	331.11	285.75	374.2	374.2	374.2
PSMB5	NM_001307	Endogenous	100	422.17	305.62	573.71	21.12	343.71	356.08	518.46	469.37	305.62	424.91	383.97	543.94	311.8	403.66	430.83	573.71
PSMB7	NM_002799	Endogenous	100	1890.93	601.68	1273.76	20.82	1273.76	810.82	1273.76	993.96	601.68	745.58	827.63	1602.91	851.49	787	864.58	960.42
PSMB8	NM_004159	Endogenous	100	1374.83	88	200.62	88	200.62	921.74	174.84	921.74	1566.37	1746.18	1160.18	1176.18	1210.1	1732.8	1732.8	1732.8
PSMB9	NM_002800	Endogenous	100	1224.89	535.33	2065.66	37.8	850.62	1373.19	535.33	1795.85	776.46	1152.78	835.83	1785.9	1196.06	1109.84	1227.18	2065.66
PSM2	NM_001893	Endogenous	100	527.77	225.21	786.89	26.25	526.7	786.89	26.25	526.7	786.89	26.25	526.7	786.89	26.25	526.7	786.89	26.25
PSM7	NM_001177	Endogenous	100	893.08	628.38	1154.41	19.84	88	855.66	1004.7	1134.41	628.38	680.75	88	88	88	701.8	755.11	814.87
PTAFR	NM_000952	Endogenous	58.33	227.02	88	570.61	78.94	138.64	88	570.61	385.34	88	88	340.65	174.51	88	88	518.55	155.96
PTGER4	NM_000958	Endogenous	66.67	107.33	88	171.8	26.54	88	88	171.8	156.06	88	88	129.4	106.75	88	88	108.19	141.88
PTGS2	NM_000963	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
PTPR	NM_000607	Endogenous	50	223.53	88	222.42	34.81	154.53	88	222.42	88	88	137.53	88	192.21	88	133.22	88	139.49
PTPR2	NM_002828	Endogenous	91.67	140.33	88	225.56	32.37	88	113.01	162.59	214.48	96.46	164.58	123.92	225.56	109.4	121.78	116.97	133.57
PTPRN2	NM_019767	Endogenous	100	323.55	189.9	468.32	29.83	238.4	401.82	395.75	300.14	382.41	359.07	256.37	401.92	169.9	468.32	277.8	343.75
PTPRN3	NM_002831	Endogenous	100	490.21	138.11	72.8	21.81	467.91	414.38	72.8	430.96	510.95	318.11	532.29	341.39	468.19	531.46	600.86	439.28
PTPRN3-IT1	NM_000922	Endogenous	100	3884.66	290.71	540.83	37.8	3936.78	2966.71	3044.66	810.18	4400.81	3758.32	3702.7	4454.33	4597.17	4111.45	3724.64	3528.98
PVCARD	NM_011238	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
RAP1	NM_001880	Endogenous	100	292.83	246.95	392.58	14.81	246.95	244.84	392.58	301.31	292.83	301.31	292.83	292.83	248.09	264.03	290.47	317.88
RAG1	NM_000536	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
RAG2	NM_000536	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
RARRK53	NM_004555	Endogenous	100	622.91	237.75	1184.84	41.63	582.35	1184.84	237.75	1088.79	481.25	512.25	419.08	614.68	663.19	784.23	428.95	438.68
REL	NM_018975	Endogenous	83.33	127.01	88	164.46	21.57	142.97	88	164.46	159.49	107.72	163.13	132.25	113.62	108.19	136.88	88	88
RELA	NM_000209	Endogenous	93.33	138.02	88	254.49	34.83	148.86	96.87	88	254.49	119.38	203.48	103.02	231.13	144.8	163.5	136.46	202.27
RELB	NM_001021	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
RUNX1	NM_017544	Endogenous	100	1769.69	128.67	254.49	20.13	173.3	1731.11	208.61	254.49	143.26	128.67	201.35	188.64	131.29	160.73	199.82	183.01
S100B8	NM_000566	Endogenous	58.33	222.66	88	674.66	88.24	312.3	88	306.14	674.66	88	88	232.25	387.07	88	88	245.55	189.72
S100A9	NM_002965	Endogenous	75	740.94	88	2702.73	104.73	993.37	95.56	2702.73	971.15	417.36	88	128.96	549.51	88	88	123.6	292.03
S1PR1	NM_014000	Endogenous	41.67	109.26	88	191.01	31.37	160.3	88	88	191.01	98.75	120.57	88	124.53	88	88	88	88
SILE	NM_000536	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
SKIL	NK_029467	Endogenous	100	1760.51	431.03	3463.97	53.86	1676.68	625.56	431.03	590.61	3463.97	2634.51	1830.68	1755.27	3001.17	2212.77	1582.95	1344.75
SILP3	NM_001006	Endogenous	8.33	88.66	88	107.92	6.41	88	88	88	107.92	88	88	88	88	88	88	88	88
SIRPB1	NM_000922	Endogenous	98.33	226.66	88	237.72	20.51	137.21	1127.46	237.72	20.51	137.21	88	517.22	911.8	88	88	772.66	88
SH2D1A	NM_011147	Endogenous	88	88.62	88	460.93	39.64	205.07	439.49	88	340.92	259.77	391.99	191.88	249.06	460.93	166.68	328.63	88
SHBR	NM_011893	Endogenous	66.67	140.59	88	279.83	42.37	189.19	88	88	279.83	353.35	181.65	88	171.83	147.79	122.82	88	88
SH2	NM_000209	Endogenous	100	407.38	246.88	145.02	256.08	32.8	188.29	239.49	266.49	452.69	208.49	226.49	272.14	140.74	274.01	195.74	88
SIAMF1	NM_003037	Endogenous	41.67	131.59	88	328.52	95.52	88	88	88	328.52	88	88	329.52	88	88	88	130.5	88
SIAMF6	NM_000536	Endogenous	8.33	88.24	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
SIAMF7	NM_011811	Endogenous	58.33	361.68	88	1507.74	123.17	88	88	213.21	1507.74	88	88	125.26	890.16	88	88	511.73	563.86
SLC21A1	NM_000536	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
SMAD3	NM_000536	Endogenous	83.33	138.83	88	259.89	41.79	272.89	88	259.89	259.89	232.45	150.77	248.09	259.89	115.99	262.17	88	88
SMAD5	NM_005993	Endogenous	66.67	117.31	88	185.6	30.41	179.08	88	185.6	127.25	200.38	88	147.5	90.04	111.98	88	114.04	88
SOX3	NM_001745	Endogenous	91.67	470.24	88	117.24	83.38	268.83	88	1076.79	200.38	88	1424.09	1172.46	482.67	305.75	241.73	958.08	88
SOX3-IT1	NM_001745	Endogenous	91.67	112.11	88	604.43	2.28	188.93	222.44	88	301.8	439.12	88	407.4	616.54	472.05	145.95	472.05	88
SPPI	NM_000582	Endogenous	75	798.48	88	3375.51	133.27	1978.51	88	3375.51	283.3	580.67	88	1061.76	226.49	200.79	88	1149.2	1653.31
SPC	NM_000582	Endogenous	41.67	88	88	232.3	10.9	88	88	88	232.3	88	88	232.3	88	88	88	88	88
STAT1	NM_007155	Endogenous	100	1868.02	576.75	3914.44	47.88	1105.57	1233.27	576.75	2273.62	1908.33	1758.28	2011.46	2623.79	2082.97	3914.44	2079.49	88
STAT2	NM_005419	Endogenous	100	181.21	284.32	906.33	27.45	480.91	284.32	645.77	906.33	490.19	543.85	631.24	602.42	564.72	440.61	777.83	604.74
STAT3	NM_000536	Endogenous	88	88	88	602.88	248.74	289.83	602.88	602.88	602.88	602.88	602.88	602.88	602.88	602.88	602.88	602.88	602.88
STAT4	NM_011151	Endogenous	100	372.18	190.2	600.22	37.49	291.72	502.28	190.2	341.91	532.63	217.54	519.8	272.23	434.14	207.62	315.9	88
STAT5A	NM_001312	Endogenous	100	308.49	233.96	381.76	15.36	233.96	248.46	300.72	381.76	308.49	381.76	296.17	330.88	299.26	266.72	248.46	88
STAT5B	NM_011448	Endogenous	100	432.65	218.11	510.11	18.15	510.11	301.8	370.32	617.02	442.67	309.47	454.17	454.17	454.17	454.17	454.17	454.17
STAT6	NM_001153	Endogenous	100	307.2	158.76	436.46	25.08	331.16	158.76	371.2	331.16	308.48	412.45	393.33	310.83	342.7	265.11	299.24	256.22
STAT3-IT1	NM_000536	Endogenous	66.67	140.59	88	279.83	42.37	189.19	88	88	279.83	353.35	181.65	88	171.83	147.79	122.82	88	88
TAGAP	NM_054114	Endogenous	100	434.39	207.19	725.84	37.83	580.56	207.19	269.97	496.98	725.84	232.67	604.04	442.76	370.69	392.58	329.46	568.93
TAP1	NM_011819	Endogenous	0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
TAP2	NM_000536	Endogenous	100	188.85	184.88	738.08	55.43	137.24	188.85	184.88	738.08	298.26	183.85	178.88	198.85	188.85	188.85	188.85	188.85
TAP3	NM_000544	Endogenous	100	205.8	120.18	487.38	50.77	134.31	150.19	164.13	487.38	144.21	141.39	274.25	294.25	198.86	212.49	268.95	88
TAPBP	NM_001390	Endogenous	100	682.59	518.88	1097.17	22.02	638.32	507.89	822.17	1097.17	992.22	561.05	702.96	698.02	709.52	338.52	518.88	88
TAT1	NM_000536	Endogenous	100	202.8	88	202.8	22.08	88	88	88	202.8	88	88	202.8	88	88	88	88	88
TBR1	NM_013151	Endogenous	75	172.93	88	410.27	56	151.64	179.38	88	268.9	88	205.72	88	410.27	120.67	122.62	108.19	