

Supplementary Table 3: List of lncRNAs significantly linked to OS visualised using Cytoscape software

CSR genes	lncRNA	correlation	P value	Regulation
MITF	ZFAS1	-0.312888529	0.003757441	negative
MITF	ZBTB46-AS1	0.328199568	0.002305036	positive
ATG7	ZBTB46-AS1	0.310231766	0.004079643	positive
CEBPA	ZBTB46-AS1	0.305393964	0.004730078	positive
MYC	ZBED5-AS1	-0.318072289	0.003193404	negative
PDPN	ZBED5-AS1	-0.370094007	0.000530149	negative
ATG7	ZBED3-AS1	0.407781833	0.000118046	positive
RAD17	ZBED3-AS1	0.387943647	0.000266167	positive
JAK3	ZBED3-AS1	0.38643704	0.000282537	positive
MITF	ZBED3-AS1	0.341439708	0.001480101	positive
ATG7	Z98200.1	0.356424415	0.000875529	positive
JAK3	Z98200.1	0.351210998	0.00105406	positive
MITF	Z98200.1	0.309155019	0.004217084	positive
JAK3	Z97353.2	0.377707009	0.000397054	positive
CEBPA	Z97353.2	0.349177335	0.001132234	positive
RAD17	Z82243.1	0.338542695	0.001633445	positive
ATG7	Z82243.1	0.306742876	0.004540045	positive
CX3CR1	Z82188.2	0.363410879	0.000679383	positive
TLR7	Z82188.2	0.304665608	0.004835599	positive
CEBPA	WDR86-AS1	0.47322084	5.47E-06	positive
JAK3	WDR86-AS1	0.411293589	0.000101674	positive
TRIM21	WDR86-AS1	0.396600954	0.000187838	positive
TLR7	WDR86-AS1	0.364441789	0.000654108	positive
RAD17	WDR86-AS1	0.354995976	0.000921486	positive
MITF	WDR86-AS1	0.350174657	0.001093262	positive
ATG7	WDR86-AS1	0.329990331	0.002173426	positive
MYC	VPS9D1-AS1	0.332428875	0.002005083	positive
CEBPA	USP30-AS1	0.326601288	0.002428503	positive
TLR7	USP30-AS1	0.311836124	0.003882253	positive
TRIM21	USP30-AS1	0.30317544	0.005058022	positive
ATG7	USP2-AS1	-0.31937308	0.003064327	negative
TRIM21	U62317.1	0.321460392	0.002866942	positive
CEBPA	U62317.1	0.318488557	0.003151578	positive
CX3CR1	TRPM2-AS	0.397597987	0.000180336	positive
TLR7	TRPM2-AS	0.385289145	0.000295625	positive
CEBPA	TRPM2-AS	0.333932451	0.001907231	positive
PDPN	TRHDE-AS1	0.309269362	0.004202295	positive
JAK3	TRG-AS1	0.436525815	3.31E-05	positive
TLR7	TRG-AS1	0.338611776	0.001629628	positive
MYC	TRG-AS1	-0.400133645	0.000162485	negative
CEBPA	TNRC6C-AS1	0.498650859	1.38E-06	positive
TLR7	TNRC6C-AS1	0.480919741	3.65E-06	positive
JAK3	TNRC6C-AS1	0.414583523	8.83E-05	positive
CX3CR1	TNRC6C-AS1	0.309222818	0.004208309	positive
JAK3	TNFRSF14-AS1	0.409318713	0.000110602	positive
CEBPA	TNFRSF14-AS1	0.318397433	0.003160692	positive
TLR7	TNFRSF14-AS1	0.303208562	0.005052982	positive
PDPN	TMEM75	0.426682367	5.18E-05	positive
MYC	TMEM75	0.347156439	0.001215092	positive
TRIM21	TMEM75	-0.400679874	0.00015886	negative
JAK3	TM4SF19-AS1	0.479715295	3.89E-06	positive
MITF	TM4SF19-AS1	0.419864331	7.01E-05	positive
MITF	THCAT158	0.37276501	0.000479399	positive
JAK3	THCAT158	0.339215746	0.001596593	positive
PDPN	TBILA	0.306083232	0.00463211	positive

JAK3	TAF1A-AS1	0.353776761	0.000962434	positive
RAD17	TAF1A-AS1	0.326934564	0.002402278	positive
RAD17	SYNPR-AS1	0.327097659	0.002389537	positive
TRIM21	STX18-IT1	-0.302878636	0.005103392	negative
JAK3	ST3GAL5-AS1	0.354019753	0.000954143	positive
ATG7	ST3GAL5-AS1	0.333240523	0.001951714	positive
TLR7	ST3GAL5-AS1	0.309219219	0.004208775	positive
RAD17	ST3GAL5-AS1	0.308107807	0.004354694	positive
MITF	SNHG1	-0.322466336	0.002775948	negative
TLR7	SLIT2-IT1	0.350626982	0.001075992	positive
CX3CR1	SLIT2-IT1	0.324998969	0.002558213	positive
RAD17	SBF2-AS1	0.329577094	0.002203181	positive
ATG7	SBF2-AS1	0.321794508	0.002836427	positive
JAK3	SATB1-AS1	0.385519601	0.000292953	positive
MITF	SATB1-AS1	0.351810791	0.001031958	positive
CX3CR1	RUSC1-AS1	-0.311774446	0.003889681	negative
NOTCH3	RUSC1-AS1	-0.314791941	0.003540764	negative
CX3CR1	RNF216P1	0.352144837	0.001019833	positive
CEBPA	RNF216P1	0.306217189	0.00461328	positive
PDPN	RNF207-AS1	0.384722484	0.000302289	positive
MYC	RNF207-AS1	0.326306199	0.002451938	positive
MITF	RNF207-AS1	-0.315188337	0.00349707	negative
ATG7	RNF207-AS1	-0.397231632	0.00018306	negative
MYC	RHPN1-AS1	0.525564443	2.85E-07	positive
PDPN	RHPN1-AS1	0.365416449	0.000631004	positive
PDPN	RERG-IT1	0.338328483	0.001645335	positive
ATG7	RC3H1-IT1	-0.301549535	0.005311019	negative
NOTCH3	RC3H1-IT1	-0.344141029	0.001348973	negative
TRIM21	RABGAP1L-AS1	-0.426371733	5.25E-05	negative
MYC	PVT1	0.447625797	1.96E-05	positive
MITF	PVT1	-0.300151868	0.005537402	negative
ATG7	PVT1	-0.340078061	0.001550476	negative
TLR7	PTPRN2-AS1	0.492307615	1.97E-06	positive
JAK3	PTPRN2-AS1	0.486977123	2.64E-06	positive
CEBPA	PTPRN2-AS1	0.314936314	0.003524794	positive
MYC	PTPRN2-AS1	-0.304598079	0.004845487	negative
RAD17	PTPRK-AS1	-0.327140376	0.00238621	negative
ATG7	PTPRK-AS1	-0.340007921	0.001554181	negative
NOTCH3	PTPRK-AS1	-0.355075823	0.00091886	negative
CX3CR1	PSMG3-AS1	0.350565258	0.001078334	positive
CEBPA	PSMG3-AS1	0.314539849	0.003568805	positive
TLR7	PSMB8-AS1	0.355229986	0.00091381	positive
TRIM21	PSMB8-AS1	0.320154301	0.002989071	positive
MYC	PRKAR1B-AS1	-0.334251291	0.001887043	negative
PDPN	PRKAR1B-AS1	-0.369152421	0.00054918	negative
MYC	PRKAG2-AS1	0.340953731	0.00150488	positive
TLR7	PRICKLE2-DT	0.336614899	0.001743291	positive
NOTCH3	PRICKLE2-DT	0.329171113	0.00223277	positive
ATG7	POU6F2-AS2	0.391377072	0.00023207	positive
TLR7	POU6F2-AS2	0.329382747	0.002217302	positive
JAK3	PELATON	0.424347967	5.75E-05	positive
MITF	PELATON	0.386062429	0.000286748	positive
TRIM21	PELATON	0.36473721	0.000647025	positive
CEBPA	PELATON	0.335430894	0.001814017	positive
TLR7	PELATON	0.333211834	0.001953578	positive
TLR7	PCED1B-AS1	0.667915397	3.92E-12	positive
CEBPA	PCED1B-AS1	0.560321567	2.98E-08	positive
CX3CR1	PCED1B-AS1	0.481801937	3.48E-06	positive

JAK3	PCED1B-AS1	0.457997955	1.18E-05	positive
ATG7	PCED1B-AS1	0.332160557	0.002023013	positive
TRIM21	PCED1B-AS1	0.319607565	0.003041562	positive
MITF	PCED1B-AS1	0.313111269	0.003731488	positive
JAK3	PCAT19	0.461774443	9.81E-06	positive
TLR7	PCAT19	0.3558881	0.000892534	positive
TRIM21	PABPC4-AS1	-0.334086286	0.001897466	negative
JAK3	OVAAL	0.325890386	0.002485304	positive
MYC	OVAAL	-0.381816576	0.000338687	negative
PDPN	OVAAL	-0.443130433	2.43E-05	negative
JAK3	NUP50-DT	0.388532839	0.000260006	positive
TLR7	NUP50-DT	0.315449492	0.003468547	positive
ATG7	NUP50-DT	0.311334079	0.003943085	positive
TRIM21	NRIR	0.425434579	5.48E-05	positive
TLR7	NRIR	0.420912726	6.70E-05	positive
JAK3	NRIR	0.357102854	0.000854441	positive
TRIM21	NPTN-IT1	-0.38021424	0.000360437	negative
JAK3	NAV2-AS3	0.345570726	0.001283915	positive
TLR7	NAV2-AS3	0.304920254	0.004798472	positive
TLR7	MYOSLID	0.329752443	0.002190511	positive
MYC	MYOSLID	-0.314454074	0.003578391	negative
NOTCH3	MSC-AS1	0.433815936	3.75E-05	positive
TLR7	MROCKI	0.331205419	0.002088016	positive
CEBPA	MROCKI	0.319401414	0.003061568	positive
TRIM21	MROCKI	0.31930544	0.003070922	positive
PDPN	MROCKI	-0.316870678	0.003316938	negative
JAK3	MMP2-AS1	0.420176526	6.92E-05	positive
TLR7	MMP2-AS1	0.397883197	0.000178241	positive
PDPN	MIR4435-2HG	-0.480472211	3.74E-06	negative
MYC	MIR4435-2HG	-0.525037967	2.94E-07	negative
JAK3	MIR3945HG	0.385721756	0.000290628	positive
TLR7	MIR3945HG	0.320217597	0.002983046	positive
JAK3	MIR3142HG	0.434439675	3.64E-05	positive
MYC	MIR3142HG	-0.429018378	4.66E-05	negative
TLR7	MIR223HG	0.611037376	6.71E-10	positive
JAK3	MIR223HG	0.527147279	2.58E-07	positive
CX3CR1	MIR223HG	0.468632614	6.93E-06	positive
CEBPA	MIR223HG	0.45703906	1.24E-05	positive
CEBPA	MIR210HG	-0.305042702	0.004780709	negative
CX3CR1	MGC16275	0.316049009	0.003403852	positive
TRIM21	MGC16275	0.307935303	0.004377741	positive
PDPN	MEG9	0.458714882	1.14E-05	positive
MYC	MEG9	0.302012994	0.005237784	positive
TLR7	MED14OS	0.315228342	0.003492687	positive
JAK3	MED14OS	0.301543508	0.005311977	positive
PDPN	MAP4K3-DT	-0.306946983	0.004511889	negative
MYC	MAP4K3-DT	-0.384468968	0.000305315	negative
ATG7	MAGEA10-MAG	0.447083325	2.01E-05	positive
MITF	MAGEA10-MAG	0.387596936	0.000269855	positive
TRIM21	MAGEA10-MAG	0.342672492	0.001418893	positive
RAD17	MAGEA10-MAG	0.329938983	0.002177103	positive
PDPN	MAFG-DT	0.300791236	0.005432803	positive
JAK3	MAFG-DT	-0.348216546	0.001170965	negative
ATG7	MAFG-DT	-0.416438439	8.15E-05	negative
MITF	MAFG-DT	-0.442725524	2.48E-05	negative
TLR7	MACORIS	0.45520913	1.36E-05	positive
TRIM21	MACORIS	0.440041007	2.81E-05	positive
MITF	MACORIS	0.40154361	0.000153279	positive

RAD17	MACORIS	0.397895504	0.000178152	positive
JAK3	MACORIS	0.391261331	0.00023315	positive
ATG7	MACORIS	0.351932672	0.001027519	positive
CEBPA	MACORIS	0.317581827	0.003243321	positive
TRIM21	LZTS1-AS1	-0.333260835	0.001950395	negative
CX3CR1	LRRC3-DT	0.338811193	0.001618653	positive
TLR7	LINC02812	0.391794327	0.000228212	positive
JAK3	LINC02812	0.307882179	0.00438486	positive
ATG7	LINC02806	0.343519117	0.001378193	positive
RAD17	LINC02806	0.308422881	0.004312877	positive
ATG7	LINC02785	0.355345165	0.000910053	positive
TLR7	LINC02785	0.338341958	0.001644584	positive
MYC	LINC02777	-0.392183861	0.000224664	negative
JAK3	LINC02755	0.50796422	8.13E-07	positive
ATG7	LINC02755	0.35927168	0.000790091	positive
RAD17	LINC02755	0.339808556	0.001564758	positive
TLR7	LINC02705	0.392885121	0.000218405	positive
JAK3	LINC02705	0.326324321	0.002450493	positive
TLR7	LINC02685	0.332744019	0.001984207	positive
JAK3	LINC02685	0.312070716	0.003854115	positive
TLR7	LINC02642	0.485836857	2.80E-06	positive
CX3CR1	LINC02642	0.35822546	0.000820561	positive
JAK3	LINC02642	0.3236017	0.002676364	positive
MITF	LINC02616	0.316595014	0.003345873	positive
ATG7	LINC02616	0.307122936	0.004487742	positive
JAK3	LINC02611	0.464902955	8.38E-06	positive
TLR7	LINC02611	0.426751851	5.17E-05	positive
CX3CR1	LINC02611	0.305142239	0.004766313	positive
MYC	LINC02611	-0.389875468	0.000246454	negative
PDPN	LINC02611	-0.47015526	6.41E-06	negative
MITF	LINC02593	-0.320157943	0.002988724	negative
ATG7	LINC02542	0.36559412	0.000626874	positive
JAK3	LINC02542	0.337506391	0.001691691	positive
CX3CR1	LINC02533	-0.310709007	0.004020012	negative
CEBPA	LINC02533	-0.326019602	0.002474892	negative
NOTCH3	LINC02533	-0.414863189	8.72E-05	negative
RAD17	LINC02518	0.418022961	7.60E-05	positive
TLR7	LINC02518	0.379149869	0.000375585	positive
CEBPA	LINC02518	0.35086118	0.001067148	positive
ATG7	LINC02518	0.343928255	0.001358906	positive
CX3CR1	LINC02518	0.310639281	0.004028676	positive
CX3CR1	LINC02492	-0.325649924	0.002504786	negative
JAK3	LINC02454	0.311895674	0.003875093	positive
MYC	LINC02454	-0.37348129	0.000466568	negative
PDPN	LINC02454	-0.458612398	1.15E-05	negative
MYC	LINC02328	-0.366973777	0.00059563	negative
TLR7	LINC02285	0.47573939	4.80E-06	positive
ATG7	LINC02285	0.366203863	0.000612886	positive
JAK3	LINC02285	0.35212161	0.001020671	positive
CX3CR1	LINC02285	0.345428266	0.001290267	positive
TRIM21	LINC02285	0.323248648	0.002706982	positive
CEBPA	LINC02285	0.319559579	0.003046209	positive
JAK3	LINC02137	0.331464139	0.002070225	positive
MITF	LINC02137	0.316489361	0.003357023	positive
ATG7	LINC02084	0.347322895	0.001208065	positive
TLR7	LINC02084	0.305301938	0.004743296	positive
JAK3	LINC02084	0.304711929	0.004828826	positive
ATG7	LINC02041	0.412301088	9.74E-05	positive

RAD17	LINC02041	0.372469639	0.000484784	positive
MITF	LINC02041	0.332783144	0.001981629	positive
CEBPA	LINC02041	0.30047739	0.005483926	positive
JAK3	LINC01943	0.423290709	6.03E-05	positive
TLR7	LINC01943	0.328794031	0.002260573	positive
PDPN	LINC01931	-0.323615786	0.002675149	negative
MYC	LINC01931	-0.351262331	0.001052151	negative
PDPN	LINC01923	-0.311892371	0.00387549	negative
TLR7	LINC01907	0.391181727	0.000233896	positive
CX3CR1	LINC01907	0.33590091	0.001785637	positive
MITF	LINC01882	0.326182988	0.002461782	positive
TLR7	LINC01871	0.371889336	0.000495525	positive
TRIM21	LINC01871	0.330662172	0.002125821	positive
CEBPA	LINC01871	0.312266123	0.003830816	positive
JAK3	LINC01836	0.392979543	0.000217575	positive
TLR7	LINC01836	0.362167334	0.000711056	positive
JAK3	LINC01770	0.408903603	0.000112568	positive
CEBPA	LINC01770	0.366946283	0.000596239	positive
TLR7	LINC01747	0.332132393	0.002024903	positive
MYC	LINC01747	-0.325361675	0.002528319	negative
TLR7	LINC01678	0.352842297	0.000994931	positive
CEBPA	LINC01678	0.300919506	0.00541203	positive
TLR7	LINC01637	0.415228067	8.58E-05	positive
CEBPA	LINC01637	0.41320515	9.37E-05	positive
JAK3	LINC01637	0.378415868	0.00038637	positive
MITF	LINC01637	0.32767698	0.00234477	positive
CX3CR1	LINC01637	0.302961265	0.005090725	positive
NOTCH3	LINC01614	0.364604637	0.000650195	positive
MYC	LINC01614	-0.341682697	0.001467851	negative
CX3CR1	LINC01505	0.303771322	0.004968014	positive
PDPN	LINC01505	-0.406611487	0.000124023	negative
TLR7	LINC01480	0.466723031	7.64E-06	positive
JAK3	LINC01480	0.453819206	1.45E-05	positive
CEBPA	LINC01480	0.41996122	6.98E-05	positive
CX3CR1	LINC01480	0.34744394	0.001202978	positive
TLR7	LINC01465	0.380967327	0.000350059	positive
JAK3	LINC01465	0.351243811	0.00105284	positive
CEBPA	LINC01465	0.305012327	0.00478511	positive
MITF	LINC01426	0.373516116	0.000465952	positive
ATG7	LINC01426	0.306030293	0.00463957	positive
JAK3	LINC01361	0.322950739	0.002733061	positive
RAD17	LINC01361	0.311598165	0.003910981	positive
JAK3	LINC01353	0.325184828	0.002542856	positive
MITF	LINC01283	0.459862337	1.08E-05	positive
NOTCH3	LINC01283	0.335921611	0.001784396	positive
PDPN	LINC01237	0.328441415	0.002286853	positive
NOTCH3	LINC01237	0.305408158	0.004728042	positive
JAK3	LINC01220	0.380228639	0.000360236	positive
CEBPA	LINC01220	0.302947148	0.005092887	positive
PDPN	LINC01220	-0.305914875	0.004655871	negative
TLR7	LINC01197	0.368529497	0.000562111	positive
JAK3	LINC01197	0.353370289	0.000976449	positive
CEBPA	LINC01197	0.301108692	0.005381521	positive
TLR7	LINC01150	0.673442127	2.24E-12	positive
CEBPA	LINC01150	0.539262817	1.21E-07	positive
CX3CR1	LINC01150	0.520618853	3.85E-07	positive
JAK3	LINC01150	0.38320456	0.000320827	positive
ATG7	LINC01150	0.311219825	0.003957048	positive

CX3CR1	LINC01142	0.341909681	0.001456491	positive
NOTCH3	LINC01142	0.306207888	0.004614585	positive
TRIM21	LINC01137	0.315810789	0.003429429	positive
MYC	LINC01137	-0.364442645	0.000654087	negative
TLR7	LINC01094	0.502424899	1.12E-06	positive
CX3CR1	LINC01094	0.480678006	3.70E-06	positive
CEBPA	LINC01094	0.384847089	0.000300812	positive
MITF	LINC01094	0.343019135	0.001402099	positive
JAK3	LINC01013	0.459598212	1.09E-05	positive
TLR7	LINC01013	0.322319658	0.002789053	positive
TLR7	LINC00997	0.388793828	0.000257319	positive
CX3CR1	LINC00997	0.35121329	0.001053974	positive
CEBPA	LINC00997	0.308687663	0.004278012	positive
TLR7	LINC00996	0.42745016	5.01E-05	positive
JAK3	LINC00996	0.381898111	0.000337613	positive
MYC	LINC00960	0.348283892	0.001168212	positive
JAK3	LINC00957	0.474632729	5.08E-06	positive
ATG7	LINC00957	0.339187089	0.001598147	positive
MITF	LINC00957	0.327407107	0.00236553	positive
MYC	LINC00944	-0.400271343	0.000161564	negative
TLR7	LINC00920	0.325118714	0.002548309	positive
CEBPA	LINC00920	0.309983648	0.004110955	positive
CEBPA	LINC00877	0.329134815	0.002235433	positive
JAK3	LINC00877	0.32190751	0.002826173	positive
TRIM21	LINC00844	0.358700462	0.000806597	positive
TLR7	LINC00844	0.31298331	0.003746378	positive
PDPN	LINC00844	-0.306510621	0.004572273	negative
CX3CR1	LINC00663	0.382999192	0.000323414	positive
CEBPA	LINC00663	0.323643764	0.002672737	positive
NOTCH3	LINC00626	0.329824988	0.002185288	positive
TLR7	LINC00622	0.464750372	8.44E-06	positive
JAK3	LINC00622	0.420881046	6.71E-05	positive
NOTCH3	LINC00622	0.414862813	8.72E-05	positive
CEBPA	LINC00622	0.412498165	9.66E-05	positive
MITF	LINC00622	0.339131315	0.001601174	positive
CX3CR1	LINC00622	0.320695016	0.002937956	positive
JAK3	LINC00528	0.359609732	0.000780469	positive
TLR7	LINC00528	0.309576254	0.004162832	positive
PDPN	LINC00528	-0.324540267	0.002596474	negative
MYC	LINC00528	-0.331262505	0.002084079	negative
JAK3	LINC00506	0.342847307	0.001410401	positive
TLR7	LINC00506	0.307811472	0.004394352	positive
NOTCH3	LINC00398	0.381864622	0.000338053	positive
MITF	LINC00398	0.355958043	0.000890299	positive
TLR7	LINC00398	0.340749822	0.001515388	positive
JAK3	LINC00398	0.32890156	0.002252613	positive
ATG7	LINC00398	0.309040526	0.004231938	positive
MYC	LINC00324	-0.355168573	0.000915819	negative
PDPN	LINC00324	-0.376563615	0.00041486	negative
TLR7	LINC00310	0.308763599	0.004268059	positive
CX3CR1	LINC00310	0.307913124	0.004380712	positive
PDPN	LBX2-AS1	-0.319531839	0.003048898	negative
JAK3	L3MBTL4-AS1	0.429357538	4.59E-05	positive
MYC	L3MBTL4-AS1	-0.350472565	0.00108186	negative
TLR7	KLHDC7B-DT	0.610140827	7.22E-10	positive
CEBPA	KLHDC7B-DT	0.544610958	8.54E-08	positive
TRIM21	KLHDC7B-DT	0.484366236	3.04E-06	positive
JAK3	KLHDC7B-DT	0.479442666	3.95E-06	positive

CX3CR1	KLHDC7B-DT	0.377568136	0.000399179	positive
ATG7	KLHDC7B-DT	0.335988359	0.001780401	positive
MITF	KLHDC7B-DT	0.333691976	0.001922586	positive
RAD17	KLHDC7B-DT	0.30181924	0.005268291	positive
TLR7	KIF1C-AS1	0.383556662	0.000316436	positive
CEBPA	KIF1C-AS1	0.330185298	0.002159513	positive
JAK3	KCNH1-IT1	0.378868638	0.000379684	positive
ATG7	KCNH1-IT1	0.341770406	0.001463452	positive
JAK3	ITGB2-AS1	0.479624174	3.91E-06	positive
TLR7	ITGB2-AS1	0.403940588	0.000138727	positive
CEBPA	ITGB2-AS1	0.364425185	0.000654508	positive
CEBPA	IL10RB-DT	0.405595043	0.00012944	positive
JAK3	IL10RB-DT	0.343044594	0.001400873	positive
TLR7	IL10RB-DT	0.334440321	0.001875165	positive
MITF	IL10RB-DT	0.315654124	0.003446342	positive
JAK3	HOMER3-AS1	0.358623622	0.000808841	positive
TLR7	HOMER3-AS1	0.348262787	0.001169074	positive
CEBPA	HOMER3-AS1	0.309302985	0.004197956	positive
ATG7	HOMER3-AS1	0.305874491	0.004661587	positive
MYC	HOMER3-AS1	-0.309605893	0.004159038	negative
JAK3	HMGA2-AS1	0.374429224	0.000450069	positive
PDPN	HMGA2-AS1	-0.317294306	0.003272907	negative
TLR7	HLA-DQB1-AS1	0.631624809	1.18E-10	positive
CX3CR1	HLA-DQB1-AS1	0.426830079	5.15E-05	positive
CEBPA	HLA-DQB1-AS1	0.418519638	7.44E-05	positive
JAK3	HLA-DQB1-AS1	0.407257386	0.000120691	positive
JAK3	HEXA-AS1	0.404616156	0.000134863	positive
ATG7	HEXA-AS1	0.303250973	0.005046533	positive
JAK3	HCP5	0.393514159	0.000212928	positive
TLR7	HCP5	0.346502374	0.001243064	positive
CEBPA	H19	0.310611392	0.004032145	positive
CX3CR1	H19	0.3008389	0.005425076	positive
JAK3	GUSBP11	0.365536583	0.000628209	positive
RAD17	GUSBP11	0.354443196	0.000939851	positive
MITF	GAPLINC	0.440457629	2.76E-05	positive
JAK3	GAPLINC	0.33343458	0.001939145	positive
ATG7	GAPLINC	0.31356151	0.003679516	positive
MYC	GAPLINC	-0.322263845	0.002794054	negative
JAK3	FIGNL2-DT	0.404381399	0.000136195	positive
TLR7	FIGNL2-DT	0.3462511	0.001253964	positive
CEBPA	FIGNL2-DT	0.325650151	0.002504767	positive
NOTCH3	FIGNL2-DT	0.310525016	0.004042909	positive
PDPN	FAM222A-AS1	0.397251411	0.000182912	positive
MYC	FAM222A-AS1	0.309900106	0.004121546	positive
TRIM21	FAM222A-AS1	-0.315760168	0.003434886	negative
TLR7	FAM198B-AS1	0.436111617	3.37E-05	positive
NOTCH3	FAM198B-AS1	0.366471261	0.000606842	positive
JAK3	FAM198B-AS1	0.351429613	0.001045955	positive
MITF	FAM198B-AS1	0.343366846	0.001385434	positive
ATG7	FAM198B-AS1	0.325112005	0.002548863	positive
MYC	EMSLR	0.45005822	1.75E-05	positive
PDPN	EMSLR	0.393582715	0.000212339	positive
TRIM21	EMSLR	-0.325253385	0.002537211	negative
ATG7	EMSLR	-0.365317147	0.000633324	negative
MYC	ELFN1-AS1	0.383426269	0.000318056	positive
MYC	DSCR8	-0.392205224	0.000224471	negative
JAK3	DOCK8-AS1	0.508371434	7.94E-07	positive
MITF	DOCK8-AS1	0.451490745	1.63E-05	positive

CEBPA	DOCK8-AS1	0.443983152	2.33E-05	positive
TLR7	DOCK8-AS1	0.412286787	9.74E-05	positive
NOTCH3	DOCK8-AS1	0.388225945	0.000263199	positive
ATG7	DOCK8-AS1	0.349723568	0.001110736	positive
CX3CR1	DOCK8-AS1	0.307463291	0.00444136	positive
TRIM21	CYP2U1-AS1	-0.336944526	0.001724049	negative
JAK3	CH17-340M24.3	0.433253349	3.85E-05	positive
TLR7	CH17-340M24.3	0.348922211	0.001142403	positive
CEBPA	CH17-340M24.3	0.315400465	0.003473886	positive
MYC	CH17-340M24.3	-0.35936013	0.000787563	negative
MITF	CFAP61-AS1	0.40888522	0.000112656	positive
ATG7	CFAP61-AS1	0.349064082	0.001136738	positive
TLR7	CEP250-AS1	0.364325348	0.000656919	positive
JAK3	CEP250-AS1	0.359716091	0.000777463	positive
CEBPA	CEP250-AS1	0.315072169	0.003509825	positive
CX3CR1	CELF2-DT	-0.317297393	0.003272588	negative
MITF	CELF2-DT	-0.332684067	0.001988163	negative
CEBPA	CEBPA-DT	0.558218416	3.45E-08	positive
CX3CR1	CEBPA-DT	0.410814096	0.000103778	positive
TLR7	CEBPA-DT	0.325343107	0.002529842	positive
TLR7	CCR5AS	0.552364624	5.12E-08	positive
CEBPA	CCR5AS	0.418750183	7.36E-05	positive
JAK3	CCR5AS	0.357006889	0.000857396	positive
CX3CR1	CCR5AS	0.323272425	0.00270491	positive
ATG7	CCR5AS	0.320603871	0.002946517	positive
TRIM21	CCR5AS	0.310451854	0.004052046	positive
MYC	CCDC26	0.385638482	0.000291584	positive
PDPN	CCDC26	0.369672319	0.000538596	positive
TLR7	CARD8-AS1	0.562860065	2.51E-08	positive
JAK3	CARD8-AS1	0.530601707	2.09E-07	positive
CEBPA	CARD8-AS1	0.398252444	0.000175563	positive
CX3CR1	CARD8-AS1	0.326132413	0.002465834	positive
TLR7	C9orf139	0.483911142	3.11E-06	positive
JAK3	C9orf139	0.437701233	3.13E-05	positive
CEBPA	C9orf139	0.384595524	0.000303801	positive
CX3CR1	C9orf139	0.317910033	0.003209841	positive
PDPN	C9orf135-DT	0.354127506	0.000950488	positive
JAK3	C9orf135-DT	-0.337220754	0.001708072	negative
ATG7	C9orf135-DT	-0.389521724	0.00024996	negative
TLR7	C2-AS1	0.370437455	0.000523359	positive
CEBPA	C2-AS1	0.35747919	0.000842944	positive
JAK3	C20orf197	0.452408193	1.56E-05	positive
TLR7	C20orf197	0.42061459	6.79E-05	positive
CEBPA	C20orf197	0.385077634	0.000298096	positive
CX3CR1	C20orf197	0.353832836	0.000960515	positive
MITF	C20orf197	0.336728495	0.001736638	positive
MYC	BCAR3-AS1	-0.310480462	0.004048471	negative
MYC	BARX1-DT	0.374522802	0.00044847	positive
ATG7	ATP11A-AS1	-0.303581121	0.004996588	negative
TRIM21	ATP11A-AS1	-0.334012469	0.001902146	negative
TLR7	ARHGAP27P1-BI0	0.384553467	0.000304303	positive
CEBPA	ARHGAP27P1-BI0	0.34877387	0.001148355	positive
MITF	AP005482.1	0.324709821	0.002582272	positive
CEBPA	AP005482.1	0.302285482	0.005195146	positive
MITF	AP003555.2	-0.300057481	0.005552993	negative
TLR7	AP002954.1	0.440424485	2.76E-05	positive
CX3CR1	AP002954.1	0.306970699	0.004508628	positive
TRIM21	AP002907.1	-0.314243046	0.003602074	negative



JAK3	AP002807.1	0.346100497	0.001260539	positive
PDPN	AP002807.1	-0.399070563	0.00016976	negative
TLR7	AP001972.1	0.484935457	2.94E-06	positive
CX3CR1	AP001972.1	0.408660428	0.000113735	positive
JAK3	AP001972.1	0.405489916	0.000130013	positive
CEBPA	AP001972.1	0.399138997	0.000169283	positive
RAD17	AP001972.1	0.388812186	0.000257131	positive
ATG7	AP001972.1	0.362447241	0.000703812	positive
NOTCH3	AP001972.1	0.352610682	0.001003139	positive
MITF	AP001972.1	0.304815817	0.004813668	positive
PDPN	AP001970.1	0.3195485	0.003047282	positive
TLR7	AP001636.3	0.475264876	4.92E-06	positive
CX3CR1	AP001636.3	0.389184728	0.000253343	positive
CEBPA	AP001574.1	0.328608491	0.002274367	positive
CX3CR1	AP001574.1	0.306798523	0.004532353	positive
CX3CR1	AP001527.2	-0.325636263	0.002505897	negative
CEBPA	AP001527.2	-0.326223973	0.002458504	negative
ATG7	AP001527.2	-0.35172145	0.001035223	negative
ATG7	AP001442.1	-0.317397798	0.00326223	negative
TRIM21	AP001442.1	-0.367383204	0.000586636	negative
PDPN	AP001439.1	0.378773957	0.000381074	positive
MYC	AP001439.1	0.301975897	0.005243613	positive
TLR7	AP001189.3	0.340447891	0.001531069	positive
CX3CR1	AP001189.3	0.331076756	0.002096915	positive
TLR7	AP001189.1	0.436474141	3.32E-05	positive
NOTCH3	AP001189.1	0.371761356	0.000497923	positive
CEBPA	AP001189.1	0.371389461	0.000504952	positive
CX3CR1	AP001189.1	0.357503076	0.000842219	positive
MITF	AP001160.1	-0.31635272	0.003371492	negative
NOTCH3	AP001160.1	-0.428452103	4.78E-05	negative
TLR7	AP001094.2	0.322929856	0.002734898	positive
RAD17	AP001033.1	0.33626446	0.00176396	positive
ATG7	AP001033.1	0.309710276	0.004145702	positive
MITF	AP000944.1	-0.301926298	0.005251415	negative
ATG7	AP000944.1	-0.334268181	0.001885979	negative
PDPN	AP000785.1	0.399246822	0.000168534	positive
MYC	AP000785.1	0.301857065	0.005262323	positive
TRIM21	AP000722.1	-0.313453088	0.003691972	negative
ATG7	ALG1L9P	-0.331404561	0.00207431	negative
MITF	ALG1L9P	-0.335368385	0.001817822	negative
ATG7	ALG13-AS1	-0.325674305	0.002502804	negative
TRIM21	ALG13-AS1	-0.375043043	0.000439673	negative
JAK3	AL928654.1	-0.348469662	0.001160647	negative
MITF	AL928654.1	-0.379973676	0.000363811	negative
TLR7	AL731567.1	0.439149343	2.93E-05	positive
CX3CR1	AL731567.1	0.341431135	0.001480535	positive
JAK3	AL731567.1	0.307002381	0.004504274	positive
ATG7	AL645608.6	-0.304688331	0.004832275	negative
MITF	AL645608.6	-0.343633566	0.001372773	negative
CEBPA	AL606534.1	0.361464927	0.000729536	positive
JAK3	AL606534.1	0.32815549	0.002308364	positive
TLR7	AL606534.1	0.313405838	0.003697412	positive
JAK3	AL596087.3	0.31231873	0.003824565	positive
MITF	AL596087.3	0.302549255	0.005154164	positive
TLR7	AL590764.1	0.536019845	1.48E-07	positive
JAK3	AL590764.1	0.39965778	0.000165705	positive
CEBPA	AL590764.1	0.37408178	0.000456053	positive
CEBPA	AL589765.4	0.37436466	0.000451176	positive

JAK3	AL589765.4	0.323584949	0.00267781	positive
MYC	AL583810.3	0.316344099	0.003372407	positive
RAD17	AL583808.1	0.45201161	1.59E-05	positive
ATG7	AL583808.1	0.407826778	0.000117822	positive
TLR7	AL583785.1	0.305878132	0.004661071	positive
CEBPA	AL583785.1	0.301866031	0.00526091	positive
PDPN	AL513165.1	0.436156911	3.37E-05	positive
MYC	AL513165.1	0.403725828	0.000139977	positive
PDPN	AL391807.1	-0.321934624	0.002823717	negative
MITF	AL391261.2	0.341089561	0.001497917	positive
CEBPA	AL391261.2	0.315575144	0.003454897	positive
TLR7	AL390198.1	0.395482026	0.000196599	positive
ATG7	AL390198.1	0.325322295	0.00253155	positive
JAK3	AL390198.1	0.32412318	0.002631708	positive
TLR7	AL365361.1	0.48196438	3.45E-06	positive
CEBPA	AL365361.1	0.441551016	2.62E-05	positive
JAK3	AL365361.1	0.385692303	0.000290966	positive
MITF	AL365203.2	0.376308596	0.00041893	positive
MYC	AL365203.2	-0.350713779	0.001072706	negative
PDPN	AL359922.2	0.354093896	0.000951627	positive
TRIM21	AL359922.2	-0.326048548	0.002472565	negative
MITF	AL359532.1	0.307671279	0.004413226	positive
RAD17	AL359532.1	0.303258273	0.005045424	positive
TRIM21	AL358115.1	-0.382694362	0.000327289	negative
TLR7	AL358072.1	0.384353092	0.000306707	positive
CX3CR1	AL358072.1	0.310582372	0.004035759	positive
ATG7	AL358072.1	0.304877931	0.004804625	positive
PDPN	AL356019.2	0.444086707	2.32E-05	positive
TRIM21	AL356019.2	-0.342111525	0.001446455	negative
TLR7	AL355922.1	0.454510344	1.41E-05	positive
CEBPA	AL355922.1	0.363721717	0.00067167	positive
MITF	AL355922.1	0.360404672	0.00075826	positive
JAK3	AL355922.1	0.308903443	0.004249784	positive
MITF	AL354919.2	0.312980966	0.003746651	positive
MYC	AL354919.2	-0.313527746	0.003683391	negative
ATG7	AL354893.2	-0.311141398	0.003966657	negative
CEBPA	AL353804.2	0.344838062	0.001316891	positive
TLR7	AL353804.2	0.319784927	0.003024444	positive
PDPN	AL353593.2	0.321314882	0.002880323	positive
JAK3	AL353150.1	0.320051433	0.002998884	positive
PDPN	AL353150.1	-0.300408023	0.005495283	negative
RAD17	AL162426.1	0.372208081	0.000489599	positive
JAK3	AL162426.1	0.310657825	0.00402637	positive
TLR7	AL162424.1	0.35122507	0.001053536	positive
CX3CR1	AL162424.1	0.332335858	0.002011282	positive
TRIM21	AL162274.1	-0.39623091	0.000190695	negative
ATG7	AL161935.1	0.460594623	1.04E-05	positive
NOTCH3	AL161935.1	0.43442964	3.64E-05	positive
TLR7	AL161935.1	0.376009815	0.000423744	positive
RAD17	AL161935.1	0.352681043	0.001000639	positive
CEBPA	AL161935.1	0.34778229	0.001188862	positive
TRIM21	AL161935.1	0.308010939	0.004367622	positive
TLR7	AL161785.1	0.663031813	6.37E-12	positive
CEBPA	AL161785.1	0.504903028	9.70E-07	positive
CX3CR1	AL161785.1	0.491557776	2.05E-06	positive
JAK3	AL161785.1	0.48835149	2.45E-06	positive
MITF	AL161785.1	0.33937774	0.001587836	positive
NOTCH3	AL161785.1	0.336259353	0.001764263	positive

ATG7	AL161785.1	0.313929177	0.003637556	positive
MITF	AL161729.1	-0.322263845	0.002794054	negative
MITF	AL161421.1	0.324997469	0.002558338	positive
ATG7	AL161421.1	0.310432982	0.004054406	positive
CX3CR1	AL160006.1	0.30775462	0.004401997	positive
CEBPA	AL160006.1	0.30241023	0.005175728	positive
RAD17	AL158825.2	-0.316404945	0.003365955	negative
TRIM21	AL158825.2	-0.334522996	0.001869991	negative
ATG7	AL158825.2	-0.354649279	0.000932965	negative
TLR7	AL158206.1	0.342195988	0.001442275	positive
ATG7	AL157938.3	-0.310112132	0.004094714	negative
RAD17	AL157938.3	-0.310807596	0.004007791	negative
TRIM21	AL157938.3	-0.467823261	7.22E-06	negative
TRIM21	AL157938.2	-0.334956666	0.001843063	negative
ATG7	AL157938.2	-0.38247012	0.000330167	negative
TRIM21	AL157912.1	-0.334382925	0.001878764	negative
ATG7	AL157912.1	-0.339735954	0.001568626	negative
RAD17	AL157400.2	0.301917215	0.005252845	positive
CX3CR1	AL137024.1	0.351751098	0.001034139	positive
TLR7	AL137024.1	0.308702055	0.004276124	positive
TLR7	AL136368.1	0.323403418	0.002693521	positive
CEBPA	AL136368.1	0.302863041	0.005105786	positive
TLR7	AL135905.1	0.322143642	0.002804852	positive
TRIM21	AL135905.1	0.30184018	0.005264987	positive
ATG7	AL135791.1	0.341346125	0.001484844	positive
RAD17	AL135791.1	0.311279266	0.003949778	positive
ATG7	AL133467.4	0.338086768	0.001658844	positive
MITF	AL133467.4	0.307693129	0.00441028	positive
ATG7	AL133467.2	0.305440062	0.004723469	positive
TRIM21	AL133410.1	-0.300925295	0.005411094	negative
TLR7	AL133371.2	0.519207698	4.19E-07	positive
JAK3	AL133371.2	0.430828905	4.30E-05	positive
CEBPA	AL133371.2	0.409340858	0.000110498	positive
ATG7	AL133371.2	0.387763167	0.000268081	positive
MITF	AL133371.2	0.365175571	0.000636644	positive
CX3CR1	AL133371.2	0.306386276	0.00458961	positive
MYC	AL133371.2	-0.306108711	0.004628523	negative
TLR7	AL133355.1	0.325992751	0.002477053	positive
CEBPA	AL133355.1	0.306807539	0.004531108	positive
CX3CR1	AL133355.1	0.302381038	0.005180266	positive
JAK3	AL133343.2	0.441311691	2.65E-05	positive
TLR7	AL133343.2	0.315655105	0.003446236	positive
MITF	AL132712.1	0.37731726	0.000403043	positive
RAD17	AL132712.1	0.30303433	0.005079548	positive
CEBPA	AL122010.1	0.337199354	0.001709305	positive
TLR7	AL122010.1	0.331963105	0.002036299	positive
ATG7	AL122010.1	0.317206397	0.003282	positive
ATG7	AL121992.1	-0.304035925	0.004928503	negative
TRIM21	AL121992.1	-0.307829389	0.004391945	negative
JAK3	AL121894.2	0.344592239	0.001328125	positive
TRIM21	AL121894.2	0.313406012	0.003697392	positive
MYC	AL121894.2	-0.300762011	0.005437545	negative
MITF	AL121748.1	0.35508975	0.000918403	positive
TLR7	AL121748.1	0.316528188	0.003352922	positive
JAK3	AL049838.1	0.334183803	0.0018913	positive
CEBPA	AL049838.1	0.323409253	0.002693015	positive
JAK3	AL049649.1	0.321820312	0.002834083	positive
NOTCH3	AL049649.1	0.303256664	0.005045669	positive

PDPN	AL035446.1	-0.384158997	0.000309053	negative
JAK3	AL035404.2	0.308686123	0.004278214	positive
PDPN	AL035404.2	-0.315194998	0.00349634	negative
MITF	AL031779.1	-0.307571873	0.004426652	negative
NOTCH3	AL031779.1	-0.360767301	0.000748322	negative
CEBPA	AL031775.1	0.482218161	3.41E-06	positive
TLR7	AL031775.1	0.441736613	2.59E-05	positive
JAK3	AL031775.1	0.365975154	0.000618099	positive
TRIM21	AL031775.1	0.30482545	0.004812264	positive
TLR7	AL031733.2	0.343469758	0.001380537	positive
MYC	AL031733.2	-0.380468496	0.000356902	negative
JAK3	AL031123.2	0.35675429	0.000865217	positive
RAD17	AL031123.2	0.331331703	0.002079315	positive
RAD17	AL023881.1	0.374183556	0.000454293	positive
JAK3	AL022316.1	0.384797833	0.000301395	positive
MITF	AL022316.1	0.302227967	0.00520412	positive
MYC	AL022316.1	-0.339169645	0.001599093	negative
PDPN	AL008718.3	0.310610334	0.004032277	positive
CX3CR1	AL008718.2	0.326327439	0.002450244	positive
PDPN	AL008718.2	0.309114364	0.004222353	positive
MITF	AFAP1-AS1	0.348437524	0.001161952	positive
JAK3	AFAP1-AS1	0.333547639	0.001931856	positive
MITF	AF279873.3	0.326352922	0.002448214	positive
TLR7	AF230666.1	0.510248921	7.12E-07	positive
CX3CR1	AF230666.1	0.403462942	0.000141521	positive
PDPN	AF131216.3	0.412960621	9.47E-05	positive
MYC	AF131216.3	0.344464976	0.001333976	positive
MITF	AF038458.2	-0.333448858	0.001938223	negative
TRIM21	AF038458.2	-0.390553062	0.000239864	negative
TRIM21	ADAMTS9-AS2	-0.398212975	0.000175848	negative
ATG7	AC254633.1	0.327323725	0.002371977	positive
JAK3	AC254633.1	0.314047329	0.003624163	positive
TLR7	AC243960.3	0.416816064	8.01E-05	positive
JAK3	AC243960.3	0.41125775	0.000101829	positive
CEBPA	AC243960.3	0.321789383	0.002836893	positive
TLR7	AC243960.1	0.531597914	1.96E-07	positive
JAK3	AC243960.1	0.521326531	3.68E-07	positive
CEBPA	AC243960.1	0.396254253	0.000190513	positive
CX3CR1	AC243960.1	0.31443956	0.003580016	positive
RAD17	AC243654.3	-0.304436086	0.004869281	negative
MITF	AC243654.3	-0.35806419	0.000825352	negative
ATG7	AC243654.3	-0.373773015	0.000461432	negative
TRIM21	AC237221.1	0.340646334	0.001520746	positive
RAD17	AC237221.1	0.32396771	0.002644951	positive
PDPN	AC234582.1	0.528604478	2.36E-07	positive
MYC	AC234582.1	0.346663967	0.001236099	positive
JAK3	AC147067.2	0.332070775	0.002029044	positive
TLR7	AC147067.2	0.325175706	0.002543607	positive
CEBPA	AC147067.2	0.310983123	0.003986114	positive
JAK3	AC147067.1	0.346657352	0.001236384	positive
TLR7	AC147067.1	0.302833943	0.005110255	positive
TLR7	AC145098.1	0.420371589	6.86E-05	positive
MITF	AC145098.1	0.417868136	7.65E-05	positive
JAK3	AC145098.1	0.401611874	0.000152846	positive
CX3CR1	AC145098.1	0.321683704	0.002846515	positive
PDPN	AC140847.2	0.364901999	0.000643104	positive
TLR7	AC138207.5	0.751101077	2.22E-16	positive
CEBPA	AC138207.5	0.694780113	2.29E-13	positive

CX3CR1	AC138207.5	0.592240828	2.96E-09	positive
JAK3	AC138207.5	0.442173152	2.54E-05	positive
ATG7	AC138207.5	0.337526641	0.001690535	positive
MITF	AC138207.5	0.327022375	0.00239541	positive
NOTCH3	AC138207.5	0.30312848	0.005065177	positive
TLR7	AC138207.4	0.711725577	3.24E-14	positive
CEBPA	AC138207.4	0.558073841	3.48E-08	positive
CX3CR1	AC138207.4	0.557328084	3.66E-08	positive
JAK3	AC138207.4	0.328989865	0.002246095	positive
ATG7	AC138207.4	0.306939966	0.004512855	positive
TLR7	AC138207.1	0.638981193	6.13E-11	positive
CX3CR1	AC138207.1	0.512588169	6.21E-07	positive
CEBPA	AC138207.1	0.456109117	1.30E-05	positive
ATG7	AC138207.1	0.375417179	0.000433445	positive
JAK3	AC138207.1	0.336882889	0.001727632	positive
NOTCH3	AC136475.7	0.430037079	4.45E-05	positive
ATG7	AC136475.7	0.337266652	0.00170543	positive
MITF	AC136475.7	0.311773514	0.003889793	positive
CX3CR1	AC135983.2	0.373745993	0.000461906	positive
NOTCH3	AC135983.2	0.350743821	0.001071571	positive
CEBPA	AC135983.2	0.323978427	0.002644036	positive
TLR7	AC135983.2	0.312370564	0.003818415	positive
CEBPA	AC135178.4	0.35890712	0.00080059	positive
TLR7	AC135178.2	0.365208034	0.000635881	positive
NOTCH3	AC135178.2	0.342636432	0.00142065	positive
CEBPA	AC135178.2	0.329692883	0.002194807	positive
CX3CR1	AC134775.1	0.322654703	0.0027592	positive
TLR7	AC134775.1	0.318301565	0.003170306	positive
CEBPA	AC131956.2	0.347114262	0.001216878	positive
JAK3	AC131956.2	0.334456024	0.001874181	positive
TLR7	AC131956.2	0.317669835	0.003234313	positive
TLR7	AC129507.1	0.597176042	2.02E-09	positive
CEBPA	AC129507.1	0.478284374	4.20E-06	positive
CX3CR1	AC129507.1	0.46066005	1.04E-05	positive
NOTCH3	AC129507.1	0.39179241	0.00022823	positive
JAK3	AC129507.1	0.386197839	0.000285219	positive
ATG7	AC129507.1	0.360233589	0.000762991	positive
MITF	AC129507.1	0.358596705	0.000809629	positive
CEBPA	AC126365.1	-0.323612357	0.002675445	negative
NOTCH3	AC126365.1	-0.347786027	0.001188707	negative
JAK3	AC124248.1	0.39639627	0.000189413	positive
MITF	AC124248.1	0.339818851	0.00156421	positive
ATG7	AC124045.1	0.405829823	0.00012817	positive
JAK3	AC124045.1	0.370087629	0.000530276	positive
ATG7	AC121761.2	0.438255465	3.05E-05	positive
TRIM21	AC121761.2	0.343943932	0.001358172	positive
CEBPA	AC121761.2	0.328368588	0.002292314	positive
RAD17	AC121761.2	0.313569696	0.003678577	positive
TLR7	AC116667.1	0.397561939	0.000180602	positive
JAK3	AC116667.1	0.340855937	0.001509911	positive
CEBPA	AC116667.1	0.314671473	0.00355414	positive
MITF	AC116666.1	0.333446428	0.00193838	positive
ATG7	AC116666.1	0.325895025	0.00248493	positive
TRIM21	AC116407.2	0.398905209	0.000170919	positive
JAK3	AC116407.2	0.302643318	0.00513962	positive
TLR7	AC110995.1	0.643378947	4.11E-11	positive
CEBPA	AC110995.1	0.570552023	1.46E-08	positive
CX3CR1	AC110995.1	0.50296685	1.08E-06	positive

JAK3	AC108749.1	0.300307244	0.00551182	positive
PDPN	AC108749.1	-0.321208197	0.00289017	negative
JAK3	AC108134.3	0.492603955	1.94E-06	positive
TLR7	AC108134.3	0.453005559	1.51E-05	positive
ATG7	AC108134.3	0.379179597	0.000375155	positive
CEBPA	AC108134.3	0.378508908	0.000384987	positive
TRIM21	AC108134.3	0.35999514	0.000769629	positive
MITF	AC108134.3	0.328338564	0.00229457	positive
CEBPA	AC107952.2	0.343878032	0.001361261	positive
JAK3	AC107952.2	0.311805645	0.003885922	positive
CX3CR1	AC107294.3	0.366537376	0.000605356	positive
NOTCH3	AC107294.3	0.346036815	0.001263328	positive
CEBPA	AC107294.3	0.324286831	0.002617832	positive
CEBPA	AC106886.2	0.365167882	0.000636824	positive
CX3CR1	AC106886.2	0.318397834	0.003160652	positive
TLR7	AC106886.2	0.311814085	0.003884906	positive
NOTCH3	AC106886.2	0.300780473	0.005434549	positive
JAK3	AC106745.1	0.419162532	7.23E-05	positive
PDPN	AC106745.1	-0.301338856	0.005344609	negative
ATG7	AC106052.1	0.394681487	0.000203097	positive
JAK3	AC106052.1	0.359419831	0.000785861	positive
CEBPA	AC104836.1	0.386923978	0.000277147	positive
CX3CR1	AC104836.1	0.377259358	0.00040394	positive
TLR7	AC104836.1	0.364902232	0.000643099	positive
TLR7	AC104794.5	0.405377463	0.000130628	positive
CX3CR1	AC104794.5	0.372331674	0.000487318	positive
ATG7	AC104794.5	0.368075589	0.000571708	positive
CEBPA	AC104794.5	0.349944489	0.001102147	positive
JAK3	AC104794.5	0.311625885	0.003907625	positive
CEBPA	AC104758.1	0.30615799	0.004621593	positive
RAD17	AC104461.1	0.303441558	0.005017648	positive
CX3CR1	AC104083.1	0.416381045	8.17E-05	positive
TLR7	AC104083.1	0.414105926	9.01E-05	positive
TRIM21	AC104051.1	-0.33769672	0.001680855	negative
CEBPA	AC100830.1	0.335024199	0.001838901	positive
JAK3	AC100830.1	0.329730633	0.002192083	positive
TLR7	AC100830.1	0.32924119	0.002227637	positive
CEBPA	AC100814.1	0.360597976	0.000752948	positive
CX3CR1	AC100814.1	0.30414994	0.004911565	positive
TLR7	AC100812.1	0.406104215	0.0001267	positive
CEBPA	AC100812.1	0.379579874	0.000369396	positive
JAK3	AC100812.1	0.300499884	0.005480248	positive
CEBPA	AC100803.3	0.372395993	0.000486135	positive
NOTCH3	AC100803.3	0.323257229	0.002706234	positive
PDPN	AC100797.1	0.319852815	0.003017915	positive
CEBPA	AC099811.3	0.321516256	0.00286182	positive
TLR7	AC099811.3	0.305853602	0.004664546	positive
JAK3	AC099568.1	0.318232058	0.003177292	positive
TLR7	AC099524.1	0.322710498	0.002754256	positive
MYC	AC099524.1	-0.305632774	0.004695929	negative
JAK3	AC099518.1	0.338807496	0.001618856	positive
MYC	AC098487.1	-0.30659107	0.004561086	negative
ATG7	AC097515.1	0.345462306	0.001288747	positive
MYC	AC097515.1	-0.314124786	0.003615406	negative
TLR7	AC096992.2	0.347697105	0.001192402	positive
CX3CR1	AC096992.2	0.304392952	0.004875634	positive
MITF	AC096921.2	0.395121976	0.000199498	positive
JAK3	AC096921.2	0.384606428	0.000303671	positive

TLR7	AC096921.2	0.347344494	0.001207156	positive
MYC	AC096921.2	-0.306703993	0.004545426	negative
TLR7	AC093278.2	0.550821631	5.67E-08	positive
CEBPA	AC093278.2	0.443885326	2.34E-05	positive
JAK3	AC093278.2	0.44026972	2.78E-05	positive
CX3CR1	AC093278.2	0.377073832	0.000406826	positive
ATG7	AC093278.2	0.357198905	0.000851494	positive
NOTCH3	AC093278.2	0.348121899	0.001174845	positive
CX3CR1	AC092747.4	0.370704889	0.000518127	positive
JAK3	AC092484.1	0.40296399	0.000144495	positive
MITF	AC092484.1	0.331380705	0.002075948	positive
TLR7	AC092431.1	0.3911462	0.00023423	positive
CX3CR1	AC092431.1	0.334427198	0.001875987	positive
RAD17	AC092354.2	0.449146314	1.82E-05	positive
ATG7	AC092354.2	0.305394219	0.004730042	positive
NOTCH3	AC091979.1	0.461904875	9.74E-06	positive
TLR7	AC091979.1	0.34197241	0.001453365	positive
MITF	AC091435.2	0.30325756	0.005045533	positive
MYC	AC091435.2	-0.313892979	0.003641668	negative
JAK3	AC090673.1	0.371204127	0.000508488	positive
MITF	AC090673.1	0.370516891	0.0005218	positive
MYC	AC090673.1	-0.307996662	0.004369531	negative
TLR7	AC090559.1	0.647017729	2.94E-11	positive
JAK3	AC090559.1	0.504247284	1.01E-06	positive
CX3CR1	AC090559.1	0.451648181	1.62E-05	positive
NOTCH3	AC090559.1	0.451047889	1.66E-05	positive
CEBPA	AC090559.1	0.426460389	5.23E-05	positive
MITF	AC090559.1	0.41686747	7.99E-05	positive
ATG7	AC090559.1	0.392301189	0.000223606	positive
MYC	AC090559.1	-0.316999089	0.003303535	negative
ATG7	AC090204.1	0.394062884	0.000208253	positive
MITF	AC090204.1	0.354399109	0.00094133	positive
TRIM21	AC090198.1	-0.304764701	0.004821121	negative
JAK3	AC087741.1	0.402274004	0.000148702	positive
CEBPA	AC087741.1	0.314095944	0.003618664	positive
CEBPA	AC087273.2	0.357994832	0.00082742	positive
TLR7	AC087273.2	0.323290209	0.002703361	positive
JAK3	AC087273.2	0.306955642	0.004510698	positive
JAK3	AC084876.1	0.305992717	0.004644871	positive
CEBPA	AC084876.1	0.304281786	0.004892042	positive
CEBPA	AC084871.1	0.339828074	0.00156372	positive
TLR7	AC084871.1	0.329597675	0.002201691	positive
PDPN	AC083906.3	0.360346437	0.000759867	positive
CEBPA	AC083900.1	-0.319711139	0.003031555	negative
NOTCH3	AC083809.1	0.38044935	0.000357167	positive
MITF	AC083809.1	0.330878808	0.002110672	positive
ATG7	AC083809.1	0.319458328	0.003056033	positive
PDPN	AC083806.2	0.302253641	0.005200112	positive
NOTCH3	AC080037.2	-0.344776016	0.001319718	negative
MYC	AC079949.2	-0.334057256	0.001899306	negative
TLR7	AC079793.1	0.341313805	0.001486485	positive
CEBPA	AC079793.1	0.334595163	0.001865486	positive
TLR7	AC079336.3	0.318651558	0.003135334	positive
CEBPA	AC079336.3	0.31619431	0.003388336	positive
PDPN	AC079313.2	-0.300202635	0.005529032	negative
MYC	AC079313.2	-0.400897462	0.000157436	negative
CEBPA	AC079210.1	0.358574813	0.000810269	positive
JAK3	AC079210.1	0.32838405	0.002291154	positive

MITF	AC079210.1	0.327975742	0.002321979	positive
MYC	AC079089.1	0.332592507	0.001994219	positive
PDPN	AC079089.1	0.325152132	0.002545551	positive
TLR7	AC079015.1	0.386895232	0.000277463	positive
CEBPA	AC079015.1	0.371463543	0.000503544	positive
JAK3	AC079015.1	0.331094141	0.00209571	positive
JAK3	AC078845.1	0.302766411	0.005120641	positive
MYC	AC078845.1	-0.312167513	0.003842558	negative
PDPN	AC078845.1	-0.397833863	0.000178602	negative
CX3CR1	AC078788.1	0.331245832	0.002085228	positive
PDPN	AC078788.1	0.306185639	0.004617709	positive
RAD17	AC074237.1	0.39654783	0.000188246	positive
ATG7	AC074237.1	0.304724976	0.00482692	positive
JAK3	AC074237.1	0.302518243	0.005158968	positive
ATG7	AC073575.1	-0.35487677	0.000925418	negative
TRIM21	AC073575.1	-0.429301022	4.60E-05	negative
JAK3	AC073475.1	0.326754932	0.002416381	positive
TLR7	AC073475.1	0.319794848	0.003023489	positive
JAK3	AC073288.2	0.303687888	0.004980531	positive
MITF	AC073115.2	0.418986868	7.29E-05	positive
ATG7	AC073115.2	0.315055042	0.003511709	positive
TLR7	AC069549.1	0.399331507	0.000167947	positive
CEBPA	AC069549.1	0.346692084	0.001234891	positive
CEBPA	AC069209.1	0.430140079	4.43E-05	positive
CX3CR1	AC069209.1	0.393729212	0.000211084	positive
TLR7	AC069209.1	0.317371363	0.003264954	positive
JAK3	AC069120.1	0.316231186	0.003384408	positive
JAK3	AC068987.3	0.49731191	1.49E-06	positive
CEBPA	AC068987.3	0.312393372	0.003815712	positive
TLR7	AC068987.3	0.308210232	0.00434106	positive
JAK3	AC068987.2	0.360239257	0.000762834	positive
ATG7	AC068875.1	0.390303549	0.000242272	positive
RAD17	AC068875.1	0.308662291	0.004281341	positive
MITF	AC068580.3	0.379609193	0.000368978	positive
TLR7	AC068580.3	0.32504784	0.002554167	positive
JAK3	AC068580.3	0.306118316	0.004627171	positive
MITF	AC068580.1	0.3096347	0.004155354	positive
TLR7	AC068580.1	0.306586341	0.004561743	positive
TLR7	AC060766.4	0.385877874	0.000288844	positive
ATG7	AC060766.4	0.361461397	0.00072963	positive
CEBPA	AC060766.4	0.354857163	0.000926066	positive
CX3CR1	AC060766.4	0.343285019	0.00138934	positive
JAK3	AC060766.4	0.310806022	0.004007986	positive
TLR7	AC036108.3	0.330641773	0.002127252	positive
RAD17	AC036108.3	0.327899725	0.002327759	positive
ATG7	AC034102.8	0.4263046	5.27E-05	positive
CEBPA	AC034102.8	0.360325722	0.00076044	positive
RAD17	AC034102.8	0.356189391	0.000882944	positive
MITF	AC034102.8	0.319545242	0.003047598	positive
TLR7	AC034102.8	0.311128193	0.003968277	positive
CX3CR1	AC034102.8	0.302835105	0.005110077	positive
JAK3	AC027801.1	0.325842754	0.002489153	positive
PDPN	AC027801.1	-0.32347194	0.002687581	negative
CEBPA	AC027348.1	0.40917911	0.00011126	positive
JAK3	AC027348.1	0.394674237	0.000203157	positive
CEBPA	AC027271.1	0.318931562	0.003107605	positive
TLR7	AC027271.1	0.301640822	0.005296523	positive
PDPN	AC027117.1	0.34417251	0.001347509	positive



CEBPA	AC027117.1	0.334793471	0.001853155	positive
CEBPA	AC026691.1	0.334401515	0.001877598	positive
RAD17	AC026691.1	0.333596574	0.001928708	positive
JAK3	AC026691.1	0.327027342	0.002395023	positive
TLR7	AC026691.1	0.310176021	0.004086659	positive
ATG7	AC026691.1	0.300735056	0.005441923	positive
TLR7	AC026369.2	0.471749024	5.90E-06	positive
CEBPA	AC026369.2	0.430340401	4.39E-05	positive
NOTCH3	AC026369.2	0.393127433	0.00021628	positive
CX3CR1	AC026369.2	0.364378292	0.00065564	positive
JAK3	AC026369.2	0.342335866	0.001435375	positive
MITF	AC026369.2	0.330020907	0.002171239	positive
JAK3	AC025857.2	0.41606002	8.28E-05	positive
TLR7	AC025857.2	0.335017466	0.001839316	positive
JAK3	AC025754.2	0.380870702	0.000351375	positive
RAD17	AC025754.2	0.349165692	0.001132696	positive
JAK3	AC025752.1	-0.324533258	0.002597062	negative
PDPN	AC025419.1	-0.309682319	0.00414927	negative
MYC	AC025419.1	-0.344663488	0.00132486	negative
NOTCH3	AC024909.1	0.377550298	0.000399452	positive
TLR7	AC024909.1	0.328675577	0.002269371	positive
MITF	AC024909.1	0.307858207	0.004388076	positive
CEBPA	AC024475.1	-0.322293876	0.002791362	negative
ATG7	AC024475.1	-0.34959134	0.001115906	negative
JAK3	AC023590.1	0.33521877	0.001826958	positive
MYC	AC023590.1	-0.327371623	0.002368272	negative
ATG7	AC023310.4	0.366579541	0.00060441	positive
MITF	AC023310.4	0.364318989	0.000657073	positive
RAD17	AC023310.4	0.309758172	0.004139595	positive
RAD17	AC022973.3	0.384836465	0.000300938	positive
JAK3	AC022973.3	0.354624584	0.000933788	positive
TLR7	AC022973.3	0.352800279	0.000996416	positive
TLR7	AC022915.3	0.346012848	0.001264379	positive
CX3CR1	AC022915.3	0.305014128	0.004784849	positive
CEBPA	AC022858.1	0.308052306	0.004362097	positive
MITF	AC022858.1	0.300882373	0.005418036	positive
TLR7	AC022706.1	0.425245806	5.53E-05	positive
CEBPA	AC022706.1	0.396085322	0.00019183	positive
JAK3	AC022706.1	0.30317237	0.00505849	positive
CEBPA	AC022306.3	0.341434435	0.001480368	positive
TLR7	AC022306.3	0.30420693	0.004903118	positive
JAK3	AC022034.1	0.327746194	0.002339472	positive
TLR7	AC022034.1	0.304931328	0.004796863	positive
PDPN	AC022034.1	-0.331723516	0.002052526	negative
ATG7	AC022007.1	0.323159712	0.002714744	positive
CEBPA	AC018755.4	0.424703122	5.66E-05	positive
TLR7	AC018755.4	0.400548036	0.000159728	positive
JAK3	AC018755.4	0.371841134	0.000496427	positive
ATG7	AC018647.2	0.308559915	0.004294801	positive
TLR7	AC018645.3	0.429414683	4.58E-05	positive
CEBPA	AC018645.3	0.376656053	0.000413393	positive
CX3CR1	AC018645.3	0.359080808	0.000795572	positive
ATG7	AC017104.2	-0.378176102	0.000389954	negative
TRIM21	AC017104.2	-0.403069746	0.00014386	negative
TLR7	AC016292.1	0.32663672	0.002425703	positive
JAK3	AC016292.1	0.314215786	0.003605143	positive
TLR7	AC015911.3	0.48628999	2.74E-06	positive
CEBPA	AC015911.3	0.466338241	7.79E-06	positive

TRIM21	AC015911.3	0.368428623	0.000564231	positive
CEBPA	AC015819.1	0.412483492	9.66E-05	positive
TLR7	AC015819.1	0.409098748	0.00011164	positive
ATG7	AC015819.1	0.396412834	0.000189285	positive
TRIM21	AC015819.1	0.364928107	0.000642485	positive
MITF	AC015819.1	0.344878586	0.001315047	positive
MYC	AC013270.1	-0.306933304	0.004513771	negative
NOTCH3	AC013270.1	-0.314201194	0.003606787	negative
TLR7	AC012645.3	0.539277924	1.21E-07	positive
CEBPA	AC012645.3	0.467663661	7.28E-06	positive
CX3CR1	AC012645.3	0.461089195	1.01E-05	positive
JAK3	AC012645.3	0.300736818	0.005441637	positive
JAK3	AC012511.1	0.376153737	0.000421419	positive
TLR7	AC012511.1	0.312241757	0.003833715	positive
CX3CR1	AC012467.2	0.369793593	0.000536154	positive
CEBPA	AC012467.2	0.338738338	0.001622655	positive
TLR7	AC012467.2	0.328409287	0.002289261	positive
CEBPA	AC012368.1	0.360172731	0.00076468	positive
JAK3	AC012368.1	0.343154229	0.001395603	positive
TLR7	AC012065.2	0.352113518	0.001020964	positive
MITF	AC012065.2	0.334029355	0.001901075	positive
JAK3	AC012065.2	0.305202168	0.004757664	positive
TLR7	AC011899.2	0.475298704	4.91E-06	positive
CEBPA	AC011899.2	0.381198819	0.000346925	positive
JAK3	AC011899.2	0.351886692	0.001029192	positive
ATG7	AC011899.2	0.349827731	0.001106679	positive
MITF	AC011899.2	0.328172104	0.002307109	positive
TRIM21	AC011731.1	0.325424226	0.002523196	positive
TLR7	AC011731.1	0.316202861	0.003387425	positive
CEBPA	AC011468.3	0.418270341	7.52E-05	positive
TLR7	AC011468.3	0.358102449	0.000824213	positive
JAK3	AC011468.3	0.35186285	0.00103006	positive
RAD17	AC011468.3	0.319732056	0.003029538	positive
TRIM21	AC011405.1	-0.38056426	0.000355579	negative
MITF	AC011377.1	0.343519643	0.001378168	positive
RAD17	AC011377.1	0.306802335	0.004531827	positive
ATG7	AC010894.1	0.335805444	0.001791368	positive
TRIM21	AC010894.1	0.306961769	0.004509856	positive
ATG7	AC010636.1	0.43545183	3.48E-05	positive
RAD17	AC010636.1	0.377844411	0.000394962	positive
JAK3	AC010538.1	0.452282832	1.57E-05	positive
CEBPA	AC010538.1	0.338003069	0.001663545	positive
JAK3	AC010424.2	0.351835662	0.001031051	positive
PDPN	AC010424.2	-0.31676543	0.003327959	negative
RAD17	AC010280.2	0.460916814	1.02E-05	positive
ATG7	AC010280.2	0.364400794	0.000655097	positive
TRIM21	AC010280.2	0.332123044	0.002025531	positive
MITF	AC010280.2	0.32077793	0.002930188	positive
CEBPA	AC010247.2	0.406341464	0.000125441	positive
TLR7	AC010247.2	0.405453308	0.000130213	positive
JAK3	AC010247.2	0.336872598	0.001728231	positive
CX3CR1	AC010247.2	0.316165526	0.003391405	positive
ATG7	AC010247.2	0.311739871	0.00389385	positive
PDPN	AC010197.1	-0.362705999	0.000697175	negative
CEBPA	AC010185.1	0.33954026	0.001579094	positive
PDPN	AC010185.1	-0.309354019	0.004191376	negative
JAK3	AC010132.4	0.336515755	0.001749116	positive
TLR7	AC010132.4	0.334484514	0.001872398	positive

MITF	AC010132.4	0.33160494	0.002060601	positive
CEBPA	AC010132.4	0.317355298	0.00326661	positive
TLR7	AC009962.1	0.367753765	0.000578603	positive
JAK3	AC009962.1	0.33761513	0.001685493	positive
JAK3	AC009812.4	0.404531809	0.00013534	positive
RAD17	AC009812.4	0.330862923	0.002111779	positive
ATG7	AC009812.4	0.30482545	0.004812264	positive
TRIM21	AC009686.1	-0.319067302	0.003094242	negative
CEBPA	AC009159.3	0.375311342	0.000435198	positive
TLR7	AC009159.3	0.321541211	0.002859534	positive
MITF	AC009159.3	0.306987481	0.004506321	positive
MITF	AC009133.1	-0.316006885	0.003408363	negative
TLR7	AC009119.1	0.492986576	1.90E-06	positive
JAK3	AC009119.1	0.448901689	1.85E-05	positive
CEBPA	AC009119.1	0.357702427	0.000836191	positive
JAK3	AC009113.1	0.36526643	0.000634511	positive
TLR7	AC009093.2	0.319296931	0.003071753	positive
NOTCH3	AC009093.2	0.31157234	0.00391411	positive
JAK3	AC008972.2	0.399204204	0.00016883	positive
CEBPA	AC008972.2	0.387803557	0.000267651	positive
TLR7	AC008972.2	0.348638716	0.001153801	positive
CEBPA	AC008937.2	0.400345473	0.00016107	positive
TLR7	AC008937.2	0.37711906	0.00040612	positive
JAK3	AC008937.2	0.332876133	0.001975513	positive
MITF	AC008937.2	0.305597114	0.004701014	positive
TLR7	AC008840.1	0.325790464	0.002493383	positive
CX3CR1	AC008840.1	0.32081081	0.002927112	positive
RAD17	AC008840.1	0.308163322	0.0043473	positive
JAK3	AC008763.1	0.35720369	0.000851347	positive
TLR7	AC008763.1	0.342122272	0.001445923	positive
JAK3	AC008750.1	0.394842693	0.000201773	positive
RAD17	AC008750.1	0.323792074	0.002659984	positive
TLR7	AC008750.1	0.307506714	0.004435473	positive
ATG7	AC008750.1	0.303959563	0.004939877	positive
NOTCH3	AC008750.1	0.302094384	0.005225016	positive
CX3CR1	AC008669.1	0.347598485	0.001196512	positive
TLR7	AC008669.1	0.336823028	0.001731119	positive
CEBPA	AC008556.1	0.470523913	6.29E-06	positive
JAK3	AC008556.1	0.456570381	1.27E-05	positive
TLR7	AC008556.1	0.424210516	5.79E-05	positive
CX3CR1	AC008556.1	0.317424478	0.003259482	positive
TLR7	AC008514.1	0.329381743	0.002217375	positive
JAK3	AC008514.1	0.322209068	0.00279897	positive
PDPN	AC008507.2	0.383610624	0.000315768	positive
TLR7	AC008494.3	0.348956119	0.001141047	positive
JAK3	AC008494.3	0.322933541	0.002734574	positive
CEBPA	AC008105.3	0.399671952	0.000165609	positive
TLR7	AC008105.3	0.379369523	0.000372412	positive
JAK3	AC008105.3	0.339227588	0.001595951	positive
JAK3	AC008074.2	0.33737477	0.001699222	positive
CX3CR1	AC007952.9	-0.307218928	0.004474617	negative
NOTCH3	AC007952.9	-0.354924851	0.00092383	negative
NOTCH3	AC007731.2	0.363369005	0.000680429	positive
MITF	AC007731.2	0.325022227	0.002556287	positive
MITF	AC007527.1	-0.305302168	0.004743263	negative
TLR7	AC007406.3	0.374608928	0.000447003	positive
JAK3	AC007406.3	0.348064676	0.001177196	positive
CEBPA	AC007406.3	0.309447029	0.004179409	positive

ATG7	AC007390.1	-0.304773283	0.004819869	negative
TRIM21	AC007390.1	-0.388293779	0.00026249	negative
JAK3	AC007376.2	0.429690981	4.52E-05	positive
MITF	AC007376.2	0.332931707	0.001971867	positive
TRIM21	AC007336.1	-0.305545855	0.004708332	negative
RAD17	AC007255.1	0.34643534	0.001245963	positive
TLR7	AC006547.1	0.346654247	0.001236517	positive
MYC	AC006547.1	-0.316249873	0.003382419	negative
ATG7	AC006305.1	0.320358	0.002969722	positive
RAD17	AC006305.1	0.316431545	0.003363138	positive
CEBPA	AC006213.1	0.380181439	0.000360895	positive
TLR7	AC006213.1	0.337057606	0.001717492	positive
JAK3	AC006213.1	0.323352081	0.00269798	positive
CX3CR1	AC006213.1	0.308485218	0.004304646	positive
JAK3	AC006033.2	0.529899404	2.18E-07	positive
TLR7	AC006033.2	0.493581484	1.84E-06	positive
MITF	AC006033.2	0.447688658	1.96E-05	positive
NOTCH3	AC006033.2	0.346949849	0.001223865	positive
CEBPA	AC006033.2	0.336702565	0.001738155	positive
ATG7	AC006033.2	0.303081874	0.005072286	positive
MYC	AC006033.2	-0.320395394	0.002966182	negative
CEBPA	AC005899.7	0.356983009	0.000858133	positive
TLR7	AC005899.7	0.339491114	0.001581733	positive
CEBPA	AC005899.6	0.331294497	0.002081875	positive
TLR7	AC005899.6	0.308386375	0.004317704	positive
RAD17	AC005586.1	0.392995459	0.000217435	positive
ATG7	AC005586.1	0.33760448	0.001686099	positive
CEBPA	AC005498.3	0.403152891	0.000143362	positive
TLR7	AC005498.3	0.314224387	0.003604174	positive
PDPN	AC005481.1	0.300805421	0.005430502	positive
MITF	AC005479.1	0.401663275	0.000152521	positive
JAK3	AC005479.1	0.359380654	0.000786978	positive
CEBPA	AC005479.1	0.314287236	0.003597103	positive
TLR7	AC005342.2	0.329377134	0.002217711	positive
NOTCH3	AC005342.2	0.300483941	0.005482855	positive
NOTCH3	AC005307.1	-0.327845246	0.00233191	negative
TLR7	AC005307.1	-0.352184298	0.001018409	negative
JAK3	AC005165.1	0.318527709	0.00314767	positive
ATG7	AC005165.1	0.306661808	0.004551271	positive
MITF	AC005041.3	0.342114855	0.00144629	positive
ATG7	AC005041.3	0.334242886	0.001887572	positive
RAD17	AC005041.3	0.317655099	0.003235819	positive
MITF	AC004988.1	0.311908028	0.003873609	positive
JAK3	AC004921.1	0.396186678	0.000191039	positive
MITF	AC004921.1	0.31452005	0.003571016	positive
TLR7	AC004832.5	0.347423987	0.001203815	positive
CEBPA	AC004832.5	0.319296753	0.00307177	positive
RAD17	AC004832.5	0.311055787	0.003977171	positive
RAD17	AC004832.4	0.329340616	0.002220373	positive
TLR7	AC004832.4	0.308140248	0.004350371	positive
JAK3	AC004687.1	0.527149207	2.58E-07	positive
TLR7	AC004687.1	0.49987344	1.29E-06	positive
CEBPA	AC004687.1	0.426683137	5.18E-05	positive
CX3CR1	AC004687.1	0.31196683	0.003866553	positive
MYC	AC004687.1	-0.318335527	0.003166897	negative
PDPN	AC004687.1	-0.32353105	0.002682466	negative
TLR7	AC004466.1	0.430933869	4.28E-05	positive
CEBPA	AC004466.1	0.341430589	0.001480563	positive

RAD17	AC004466.1	0.311254291	0.003952831	positive
MITF	AC004264.1	0.415879806	8.35E-05	positive
JAK3	AC004264.1	0.362467535	0.000703289	positive
NOTCH3	AC004264.1	0.334891723	0.001847073	positive
CEBPA	AC004223.4	0.349043391	0.001137563	positive
RAD17	AC004223.4	0.328954886	0.002248675	positive
TLR7	AC003070.1	0.42782211	4.92E-05	positive
CX3CR1	AC003070.1	0.392227408	0.000224271	positive
JAK3	AC003070.1	0.342655112	0.001419739	positive
CEBPA	AC003070.1	0.303832553	0.004958846	positive
TLR7	AC002091.2	0.444895201	2.23E-05	positive
JAK3	AC002091.2	0.337739287	0.00167844	positive
TLR7	AC002091.1	0.515698061	5.16E-07	positive
CEBPA	AC002091.1	0.495610806	1.64E-06	positive
JAK3	AC002091.1	0.418523208	7.44E-05	positive
ATG7	AC002091.1	0.336556688	0.001746709	positive
TRIM21	AC002091.1	0.334005407	0.001902595	positive
CX3CR1	AC002091.1	0.323220289	0.002709455	positive
MITF	AC002091.1	0.32231796	0.002789205	positive
TLR7	AC000067.1	0.401210498	0.00015541	positive
JAK3	AC000067.1	0.384021887	0.000310719	positive
CEBPA	AC000067.1	0.358143659	0.000822988	positive
CX3CR1	AC000067.1	0.333401087	0.001941309	positive
NOTCH3	AC000067.1	0.326811105	0.002411963	positive
NOTCH3	A2M-AS1	0.410369598	0.000105764	positive
JAK3	A2M-AS1	0.331664448	0.002056545	positive