Supplementary Table 14: List of 135 top red genes input in GeneMANIA

			-			enes input		
	group 2 avg		group 2 cv	group 3 avg		group 3 cv	FC	logFC
KIR2DL1		0.00102356						
PDZK1IP1		0.03048899						
MMRN1	0.00129724	0.00322589	2.48673939	0.01751809	0.02904393	1.65793958	13.5041587	3.75533186
TNFRSF13C	0.01177415	0.03468898	2.94619844	0.15619067	0.3184038	2.03855842	13.26556	3.72961368
RLN2	0.01266902	0.02469827	1.94950088	0.13661401	0.19561325	1.43186813	10.7833115	3.43072838
INSL3	0.0194798	0.08920262	4.57923783	0.18269693	0.33744795	1.84703681	9.37879032	3.22940186
NUGGC	0.04499276	0.05066229	1.12600974	0.38793592	0.39959135	1.03004473	8.62218456	3.10805344
FCRL5	0.00746028	0.01392186	1.86613128	0.06354694	0.1269395	1.9975708	8.51803669	3.09052095
CCR8	0.05110063	0.06744294	1.31980631	0.41492774	0.38787953	0.93481226	8.11981591	3.02144702
SYNGR3	0.03047795	0.03713027	1.21826671	0.21729968	0.25899474	1.19187815	7.12973366	2.83384818
GZMA	1.59157504	1.28944652	0.81017011	11.1507319	13.1751834	1.18155325	7.00609875	2.80861132
IGLL5	0.19034409	0.32844602	1.72553831	1.33032132	2.83167441	2.12856426	6.98903404	2.80509307
B3GAT1		0.04113053				0.91316227		
NBL1		0.11469574						
GPR174		0.17964951						
GPR25		0.10728933						
THEMIS		0.16378276			1.65597634		6.62847012	
SLC14A1		0.01886136						
JCHAIN		0.27038767						
UGT8		0.00852439					6.38651513	
POU2AF1			1.08470518				6.36492885	
TRAT1		0.27276737		2.25167879			6.33818626	
CCL5	6.28860396	5.10000515	0.81099163	39.8482565	44.7132863	1.1220889	6.33658228	2.66370491
GNLY	1.25147974	1.52840668	1.2212796	7.88663358	7.94289161	1.00713334	6.30184679	2.65577468
CD96	0.56301017	0.31039736	0.5513175	3.51169571	2.86461486	0.8157355	6.23735746	2.64093494
GZMB	1.44071956	1.12212935	0.7788673	8.95852288	11.9174787	1.33029506	6.21808932	2.63647134
SH2D2A	0.48524886	0.36750936	0.75736266	3.01587021	2.97763449	0.98732183	6.2151001	2.63577763
SLA2	0.48852211	0.29108354	0.59584517	3.02720869	3.04579467	1.00613965	6.19666673	2.63149238
FSD1		0.03739742					6.19617209	2.63137721
IL12RB2	0.09705867	0.06793307	0.69991756	0.60008216	0.59241632	0.98722535	6.18267446	2.62823105
AFAP1L2		0.02667657		0.10803521		1.21471133		
VIPR1		0.03603023						
RAB27B		0.03003023						
IL32		2.42056331						
		0.08834303				1.59631721		
NCR1		0.17998526						
FASLG								
IGFBP3		0.04034243		0.14862995		1.01912168		
IKZF3		0.24158121						
F2R		0.12736107						
PXYLP1	0.03291064	0.0363995				0.68364653		
PRF1		0.53383674						
ZNF831		0.06140996					5.80034793	
TAL1	0.00644937	0.01174021	1.82036628	0.03728549	0.08876141	2.38058867	5.78126128	2.53138427
TBX21	0.17253784	0.13697584	0.7938887	0.99133374	0.76852976	0.77524827	5.74560198	2.52245805
BCL11B	0.16861851	0.09648407	0.57220331	0.96834417	0.76516753	0.79018138	5.74281056	2.52175697
TGFBR3	0.05271254	0.03250121	0.61657464	0.30169622	0.27794859	0.92128629	5.72342412	2.51687852
SH2D1A	0.1621508	0.12367225	0.76269899	0.91850198	0.83990364	0.91442769	5.66449247	2.5019467
DBH	0.01026128	0.01928324	1.87922384	0.05800655	0.06437279	1.10975038	5.65295381	2.49900491
TMIGD2	0.11435374	0.14521283	1.26985634	0.64328589	0.6416285	0.99742355	5.62540295	2.49195644
ATP1A3	0.04544567	0.04465002	0.98249229	0.25521634	0.18724886	0.73368679	5.61585561	2.48950584
NKG7		1.28456363						
CD40LG		0.40721471						
TC2N		0.1731116						
KCNQ5		0.00456762						
CXCR3		0.38110443						
		0.01802525						
CDHR1								
GRAP2		0.31029099						
PPP1R16B		0.30935568						
IL18RAP		0.15773314						
ST8SIA1		0.01348514						2.4200879
ABCD2		0.03365154					5.34663583	
JAKMIP1		0.21435693						
CD3E	2.36125441	1.45388634	0.61572626	12.5811892	8.6942895	0.69105467	5.32818028	2.4136429
IL2RB	1.175121	0.69336739	0.59003914	6.24524646	4.83170144	0.77366065	5.31455608	2.40994919
ITM2A	0.46707747	0.30977972	0.66322985	2.47528883	2.33337692	0.94266854	5.29952518	2.4058631
LCK	1.69059793	0.93399487	0.55246422	8.92982563	6.18071065	0.69214237	5.28205169	2.40109842
TSPAN5	0.09107504	0.06695601	0.73517409	0.47870287	0.38603451	0.80641778	5.25613658	2.39400277
PLXDC1		0.05206994						

GZMM	0.25287297	0.33780228	1.33585764	1.32604504	1.30462252	0.9838448	5.24391776	2.39064506
EOMES	0.17169982	0.1154152	0.67219173	0.89647194	1.1828329	1.31943104	5.22115844	2.38436994
NLRC3	0.35255783	0.16862711	0.47829632	1.83988821	1.30881973	0.71135829	5.21868486	2.38368629
EPHA4	0.02687659	0.03316182	1.23385526	0.14006755	0.14274876	1.01914225	5.21150786	2.38170085
LY9	0.39196658	0.20456869	0.52190341	2.03095888	1.62257604	0.79892117	5.18145931	2.37335848
CAMK2N1	0.02592453	0.03886362	1.49910622	0.13214145	0.14272034	1.08005734	5.09715944	2.34969348
SH2D1B	0.05160319	0.04554132	0.88252922	0.26221192	0.47639082	1.81681601	5.08131271	2.34520125
UBASH3A			0.77643707				5.06012904	
ZNF683		1.13005618		3.80707567				
INPP4B			0.77141754				5.0225057	2.3284073
KLRC3		0.10691804		0.37637755			5.01909702	
PTGDR			1.21919503			0.78657075	4.98854998	
LZTS1	0.04807353	0.0486097		0.23783221				
SPOCK2		0.73149534	0.55189407	6.54782896 3.73737617	3.86814992		4.94016539	
ZAP70 CD8A		1.17404821		7.13849431			4.91820301 4.89173743	
ITM2C		0.25131552					4.83293118	
PLCXD2			1.11215952					2.27223292
ITK		0.51857676	0.5135068			0.65763909		2.269398
IL31RA		0.03555224	3.3768919		0.05979556			2.26728289
APOBEC3D				1.12318931				
CD79A	0.15457058	0.1921099		0.74018684	1.09118799	1.47420614		2.25962372
ETS1		0.67192429			4.54809696		4.75968533	2.2508662
KIR2DL4	0.03668346	0.09459103	2.57857447					
RORC	0.12125477	0.10814133	0.89185218	0.56227033	0.47124541	0.83811182	4.63709853	2.21322238
GNG2	0.69373204	0.27040548	0.38978376	3.20751354	2.21266124	0.68983691	4.62356266	2.20900494
NPDC1	0.09031202	0.0894995	0.99100329	0.41526988	0.48206219	1.16084073	4.59816865	2.20105938
TNFRSF25	0.66778993	0.51483209	0.77094917	3.0284016	1.77115553	0.5848483	4.5349615	2.1810903
DOCK9	0.14048824	0.07813332	0.5561556	0.63521503	0.47033861	0.74044	4.52148169	2.17679562
APBA2	0.05642016	0.07058087	1.25098663	0.25479413	0.24782617	0.9726526	4.51601193	2.1750493
ANO9	0.17690799	0.13102017	0.74061192	0.79866027	0.52170868	0.65322979	4.51455168	2.17458273
GPR171			0.57817644				4.51367047	
LAG3			0.58731203					
MS4A1			0.87982744					
FRMPD3			1.37435301					
CD247			0.56476255		3.41703434		4.47584982	
DAPK2			0.61608835					2.1608695
DTX3		0.09421962		0.47573545		0.90059879	4.44670859	
KLRD1 RGS9	0.120663585		0.75582994 0.88259357			1.27198464		2.14923604 2.14755066
STAT4			0.54011752				4.42201385	
VSIG1	0.48318033		0.98439718				4.38776714	
RASGRP1		0.25248517			1.69685668		4.35192644	
BTBD11			0.76798222				4.31072588	
TRAF3IP3			0.58004156				4.31050266	
PYHIN1		0.23330214		1.42356471				
BTLA	0.0887307	0.07251019	0.81719386					
TNFRSF13B	0.02105781	0.05874161	2.78954058	0.09030562	0.13051875	1.44530039	4.28846266	2.10046056
KLRK1	0.87173129	0.80820027	0.92712087	3.72089858	3.61855318	0.97249444	4.26840088	2.09369568
GCNT4	0.01281027	0.01657013	1.29350404	0.05440817	0.06931804	1.27403738	4.24723118	2.08652264
SYNE2	0.72455889	0.48328222	0.66700198	3.07680788	1.9819903	0.64417097	4.24645658	2.0862595
P2RY10			0.63384075					
GPR18	0.13048024		0.88778651					
ABCB1			0.85176027					
ITPRIPL1			1.18468889					
PDCD1			0.85408005					
LEF1			0.71821288					
MZB1		0.15479974	1.4369154 0.51919887	0.44504572				
SIT1							4.12743383	
SLC38A1			0.44700972 1.43235448					2.040466
WNT10B IFITM1			0.61023063					
KLRB1			0.83699907					
P2RY8			0.58998231					2.02723417
PTPRCAP			0.52783023				4.0571396	
CD226			0.67782565					2.0185902
ATP8B2			0.45105974					
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