

Supplemental Table 2 – Down-regulated genes with highest fold change and p-value <0.05 upon IFN- γ treatment *in vitro*

Ensembl ID	Ensembl Name	Base Mean	log2 Fold Change	pvalue	padj
C1					
ENSG00000117322	CR2	1,67E+14	-8,13E-01	2,81E-51	1,75E-48
ENSG00000188404	SELL	4,81E+14	-6,85E-01	1,05E-07	2,65E-06
ENSG00000166927	MS4A7	9,88E+14	-6,60E-01	1,61E+03	1,95E+05
ENSG00000156738	MS4A1	1,18E+14	-6,37E-01	1,24E-58	1,02E-55
ENSG00000122877	EGR2	6,30E+14	-6,04E-01	3,10E-06	7,39E-04
ENSG00000143297	FCRL5	8,30E+14	-5,69E-01	6,11E-06	1,38E-03
ENSG00000203710	CR1	2,96E+14	-5,63E-01	8,00E+02	9,99E+04
ENSG00000277632	CCL3	1,24E+14	-5,45E-01	5,75E-09	1,57E-06
ENSG00000226979	LTA	8,25E+13	-5,04E-01	1,16E-01	2,06E+01
ENSG00000118515	SGK1	2,02E+13	-5,01E-01	2,22E+06	1,74E+08
C2					
ENSG00000188404	SELL	9,83E+14	-9,85E-01	2,35E-58	1,88E-54
ENSG00000166927	MS4A7	2,70E+14	-5,97E-01	4,97E+00	7,77E+02
ENSG00000137959	IFI44L	3,12E+14	-5,86E-01	4,67E-07	1,15E-04
ENSG00000154262	ABCA6	6,44E+14	-5,82E-01	2,55E-05	5,71E-03
ENSG00000137965	IFI44	4,54E+14	-5,04E-01	1,48E+02	1,90E+04
ENSG00000124772	CPNE5	6,47E+14	-4,94E-01	8,53E-01	1,44E+01
ENSG00000115604	IL18R1	5,49E+14	-4,90E-01	9,11E+00	1,35E+03
ENSG00000138756	BMP2K	6,64E+14	-4,77E-01	5,96E+01	7,85E+03
ENSG00000111335	OAS2	2,46E+13	-4,50E-01	2,15E-17	7,66E-15
ENSG00000134061	CD180	2,21E+14	-4,48E-01	2,81E+05	1,73E+08
C3					
ENSG00000226979	LTA	1,14E+14	-5,43E-01	9,22E-13	2,88E-10
ENSG00000143297	FCRL5	2,41E+14	-5,08E-01	2,04E-22	8,38E-22

ENSG00000154262	ABCA6	9,72E+14	-3,93E-01	7,61E+00	1,01E+02
ENSG00000163683	C4orf34	2,41E+14	-3,77E-01	6,12E-05	1,19E-02
ENSG00000134061	CD180	3,96E+12	-3,52E-01	2,23E+07	1,55E+09
ENSG00000003249	DBNDD1	6,56E+14	-3,50E-01	6,95E+05	5,96E+07
ENSG00000112137	PHACTR1	1,03E+12	-3,41E-01	2,39E+04	2,36E+06
ENSG00000118308	LRMP	3,68E+14	-3,40E-01	2,19E-09	5,35E-07
ENSG00000188404	SELL	1,41E+14	-3,40E-01	2,70E+00	3,52E+03
ENSG00000203710	CR1	1,06E+14	-3,01E-01	5,55E+05	4,87E+07
C4					
ENSG00000188404	SELL	4,80E+14	-6,80E-01	6,43E-10	1,44E-07
ENSG00000156738	MS4A1	1,07E+14	-4,93E-01	4,17E-48	2,46E-45
ENSG00000143297	FCRL5	3,43E+14	-4,50E-01	1,70E+05	1,62E+07
ENSG00000277632	CCL3	1,28E+14	-4,43E-01	4,27E-05	8,38E-03
ENSG00000122877	EGR2	3,94E+14	-4,30E-01	1,09E+05	1,06E+07
ENSG00000275302	CCL4	1,84E+14	-4,10E-01	4,10E+07	2,58E+09
ENSG00000150938	CRIM1	2,09E+14	-3,92E-01	1,00E+08	5,91E+09
ENSG00000154262	ABCA6	6,58E+14	-3,78E-01	3,07E+05	2,81E+07
ENSG00000134762	DSC3	4,26E+14	-3,67E-01	9,16E+06	6,70E+08
ENSG00000008853	RHOBTB2	2,65E+14	-3,58E-01	3,61E+08	1,85E-04
C5					
ENSG00000143184	XCL1	1,44E+14	-8,14E-01	9,78E-01	9,22E+00
ENSG00000117322	CR2	2,08E+14	-7,91E-01	1,29E-55	5,93E-53
ENSG00000101197	BIRC7	9,15E+14	-7,35E-01	2,66E+03	1,79E+05
ENSG00000203710	CR1	5,28E+14	-6,86E-01	2,77E-08	4,00E-06
ENSG00000116741	RGS2	2,00E+14	-6,53E-01	1,68E+03	1,18E+04
ENSG00000143297	FCRL5	2,77E+14	-6,15E-01	2,21E+00	1,77E+03
ENSG00000185585	OLFML2A	1,36E+14	-6,04E-01	4,61E+05	2,30E+07
ENSG00000084710	EFR3B	9,82E+14	-6,01E-01	1,71E-10	2,77E-08

ENSG00000156738	MS4A1	1,25E+14	-5,97E-01	2,39E-69	1,37E-66
ENSG00000008853	RHOBTB2	9,04E+14	-5,94E-01	1,54E-10	2,39E-07
D1					
ENSG00000154262	ABCA6	7,03E+14	-4,01E-01	1,63E+04	2,01E+05
ENSG00000138756	BMP2K	9,62E+14	-3,67E-01	1,38E+05	1,42E+07
ENSG00000117322	CR2	4,63E+14	-3,64E-01	3,76E-09	1,93E-06
ENSG00000162631	NTNG1	3,77E+14	-3,32E-01	6,42E+08	2,89E-04
ENSG00000143297	FCRL5	5,44E+14	-3,28E-01	6,45E+08	2,89E-04
ENSG00000178695	KCTD12	4,41E+14	-3,27E-01	6,27E+08	2,84E-04
ENSG00000105851	PIK3CG	5,33E+14	-3,11E-01	2,91E+07	1,48E-04
ENSG00000244921	CTB-36O1.7	4,78E+14	-3,07E-01	1,87E+09	7,23E-04
ENSG00000118308	LRMP	4,72E+14	-2,99E-01	2,75E-01	6,23E+01
ENSG00000211456	SACM1L	7,37E+13	-2,96E-01	2,44E+08	1,27E-04
D2					
ENSG00000273149	RP11-290D2.6	9,61E+14	-3,74E-01	1,18E+06	2,94E+08
ENSG00000117322	CR2	1,61E+14	-3,67E-01	1,12E-02	7,19E+00
ENSG00000163683	C4orf34	1,99E+14	-3,57E-01	6,07E-02	3,50E+01
ENSG00000226979	LTA	1,48E+14	-3,32E-01	1,72E+01	7,86E+03
ENSG00000128218	VPREB3	1,08E+14	-3,26E-01	1,03E+08	1,78E-04
ENSG00000158481	CD1C	1,72E+14	-3,15E-01	3,23E+08	4,85E-04
ENSG00000272398	CD24	3,99E+14	-3,00E-01	3,86E+07	5,42E-04
ENSG00000158050	DUSP2	3,61E+14	-2,65E-01	1,37E+05	4,07E+06
ENSG00000203710	CR1	2,89E+13	-2,62E-01	7,37E+09	7,84E-03
ENSG00000154262	ABCA6	8,22E+14	-2,55E-01	3,68E+07	5,30E-04
D3					
ENSG00000154262	ABCA6	1,07E+14	-4,78E-01	4,79E-02	1,34E+01
ENSG00000226979	LTA	1,85E+14	-4,77E-01	1,33E-09	6,18E-07
ENSG00000188404	SELL	8,72E+14	-4,65E-01	6,60E-03	1,80E+01

ENSG00000008853	RHOBTB2	3,78E+14	-4,37E-01	2,37E+05	3,45E+07
ENSG00000158481	CD1C	1,91E+14	-4,31E-01	8,86E+06	1,08E+09
ENSG00000161929	SCIMP	1,06E+14	-4,00E-01	3,35E+02	6,77E+04
ENSG00000163683	C4orf34	1,74E+14	-3,79E-01	1,48E-01	3,80E+01
ENSG00000118308	LRMP	4,03E+14	-3,77E-01	9,66E-10	4,33E-06
ENSG00000128218	VPREB3	1,07E+14	-3,76E-01	3,14E+08	2,79E-04
ENSG00000117322	CR2	2,81E+14	-3,68E-01	2,42E-05	9,20E-03
D4					
ENSG00000163683	C4orf34	1,92E+14	-5,08E-01	4,83E-22	2,52E-19
ENSG00000154262	ABCA6	6,91E+14	-4,40E-01	1,00E+00	2,38E+02
ENSG00000156738	MS4A1	1,03E+14	-3,85E-01	1,82E-34	1,30E-31
ENSG00000144218	AFF3	5,87E+14	-3,60E-01	4,01E+03	6,29E+06
ENSG00000118308	LRMP	5,31E+14	-3,52E-01	8,34E-17	3,44E-14
ENSG00000167483	FAM129C	5,13E+14	-3,31E-01	1,86E+05	2,28E+08
ENSG00000140678	ITGAX	7,73E+14	-3,15E-01	1,24E+06	1,54E+07
ENSG00000079931	MOXD1	4,60E+14	-3,13E-01	2,12E+06	2,35E+09
ENSG00000127946	HIP1	4,67E+14	-2,78E-01	6,94E+08	5,92E-04
ENSG00000162631	NTNG1	4,90E+14	-2,61E-01	2,42E+09	1,76E-03
N1					
ENSG00000154262	ABCA6	7,03E+14	-4,01E-01	1,63E+04	2,01E+05
ENSG00000138756	BMP2K	9,62E+14	-3,67E-01	1,38E+05	1,42E+07
ENSG00000117322	CR2	4,63E+14	-3,64E-01	3,76E-09	1,93E-06
ENSG00000162631	NTNG1	3,77E+14	-3,32E-01	6,42E+08	2,89E-04
ENSG00000143297	FCRL5	5,44E+14	-3,28E-01	6,45E+08	2,89E-04
ENSG00000178695	KCTD12	4,41E+14	-3,27E-01	6,27E+08	2,84E-04
ENSG00000105851	PIK3CG	5,33E+14	-3,11E-01	2,91E+07	1,48E-04
ENSG00000244921	CTB-36O1.7	4,78E+14	-3,07E-01	1,87E+09	7,23E-04
ENSG00000118308	LRMP	4,72E+14	-2,99E-01	2,75E-01	6,23E+01

ENSG00000211456	SACM1L	7,37E+13	-2,96E-01	2,44E+08	1,27E-04
N2					
0 genes					
N3					
ENSG00000122566	HNRNPA2B1	4,58E+13	-2,68E-01	1,02E+02	1,43E+03
ENSG00000115053	NCL	6,92E+14	-2,64E-01	2,72E+01	8,86E+04
ENSG00000080824	HSP90AA1	4,70E+14	-2,56E-01	1,32E+02	1,43E+03
ENSG00000038219	BOD1L1	2,19E+14	-2,34E-01	3,51E+05	2,29E+08
ENSG00000107581	EIF3A	4,77E+12	-2,30E-01	5,54E+02	4,51E+05
ENSG00000100941	PNN	1,43E+14	-2,30E-01	7,20E+06	2,93E+08
ENSG00000124831	LRRFIP1	2,33E+14	-2,10E-01	2,66E+07	9,64E+09
ENSG00000169564	PCBP1	1,56E+14	-2,06E-01	1,98E+09	3,40E-03
ENSG00000148773	MKI67	5,71E+14	-2,01E-01	1,32E+06	6,14E+08
ENSG00000099783	HNRNPM	1,65E+14	-1,99E-01	1,68E+08	3,04E-03
N4					
ENSG00000247627	MTND4P12	1,70E+14	-1,92E-01	3,14E+09	5,14E-02
ENSG00000187514	PTMA	1,53E+14	-1,18E-01	7,95E+09	7,41E-02
N5					
ENSG00000277224	HIST1H2BF	2,40E+14	-2,12E-01	4,97E+06	1,58E-04
ENSG00000255823	MTRNR2L8	1,49E+14	-1,88E-01	6,47E+04	4,13E+07
ENSG00000159840	ZYX	5,08E+14	-1,81E-01	2,48E-04	7,18E-02
ENSG00000225972	MTND1P23	7,60E+14	-1,77E-01	2,66E-04	7,38E-02
ENSG00000227081	RP11-543P15.1	5,74E+14	-1,74E-01	3,13E+08	3,99E-03
ENSG00000115268	RPS15	3,53E+14	-1,68E-01	1,44E+09	1,31E-02
ENSG00000112514	CUTA	9,90E+14	-1,65E-01	2,46E-04	7,18E-02
ENSG00000273703	HIST1H2BM	3,51E+14	-1,64E-01	2,49E+09	1,98E-02
ENSG00000203814	HIST2H2BF	6,24E+14	-1,53E-01	2,52E+08	3,99E-03
ENSG00000275379	HIST1H3I	2,28E+14	-1,40E-01	3,54E-04	9,02E-02

N6

ENSG00000244879	GABPB1-AS1	1,17E+14	-2,04E-01	1,06E+09	1,02E-03
ENSG00000154265	ABCA5	1,25E+14	-1,77E-01	7,62E+09	3,60E-03
ENSG00000245532	NEAT1	6,04E+14	-1,56E-01	2,09E+07	4,87E+09
ENSG00000129317	PUS7L	1,43E+14	-1,37E-01	1,70E-03	3,90E-02
ENSG00000173889	PHC3	1,84E+14	-1,34E-01	1,62E-03	3,79E-02
ENSG00000089775	ZBTB25	1,12E+14	-1,34E-01	4,99E-03	7,94E-02
ENSG00000172493	AFF1	1,95E+14	-1,27E-01	1,48E-03	3,65E-02
ENSG00000137845	ADAM10	1,19E+14	-1,27E-01	5,21E-03	8,14E-02
ENSG00000122257	RBBP6	1,27E+14	-1,21E-01	6,01E-03	8,78E-02
ENSG00000149289	ZC3H12C	4,22E+14	-1,21E-01	7,47E+09	3,60E-03