

Supplemental Data 1

Differentially expressed genes for HVL vs LVL

ID	Genbank	Symbol	Fold(H/L)
GE88530	AA302123	IFI27	41.41
GE890723	NM_023068	SIGLEC1	7.64
GE872520	BF526295		7.25
GE53009	NM_006820	IFI44L	5.67
GE85917	H25356	IFITM2	4.72
GE62164	NM_005623	CCL8	4.59
GE88816	NM_002982	CCL2	4.43
GE59650	NM_001548	IFIT1	4.32
GE513353	NM_080657	RSAD2	4.24
GE57504	NM_003641	IFITM1	4.16
GE57621	NM_005567	LGALS3BP	4.15
GE63033	AF135187		4.03
GE61906	NM_000062	SERPING1	3.86
GE60155	NM_005218	DEFB1	3.83
GE570778	AI424832		3.66
GE572310	AA854620	KLHDC7B	3.65
GE63118	NM_016135	ETV7	3.56
GE55258	NM_003733	OASL	3.46
GE560217	AI955710		3.37
GE79842	NM_005409	CXCL11	3.32
GE61107	NM_001549	IFIT3	3.12
GE841986	CA309689		3.06
GE548063	NM_030776	ZBP1	3.01
GE59344	NM_002346	LY6E	3.00
GE79032	NM_002462	MX1	2.97
GE78999	NM_181782	NCOA7	2.91
GE56410	NM_015535	LOC26010	2.88
GE60483	NM_006417	IFI44	2.85
GE55273	NM_017414	USP18	2.78
GE53687	NM_016323	HERC5	2.77
GE57071	NM_014762	DHCR24	2.76
GE54191	NM_004442	EPHB2	2.74
GE811394	NM_001547	IFIT2	2.72
GE552151	AI217164		2.71
GE62831	NM_002038	IFI6	2.71
GE62019	NM_001710	CFB	2.65
GE490836	AA487301		2.64
GE821119	BC013288		2.57
GE83631	NM_033255	EPSTI1	2.56
GE58459	NM_012108	STAP1	2.55
GE552023	NM_145699	APOBEC3A	2.53
GE59642	NM_001565	CXCL10	2.47
GE82581	CB157631		2.40
GE591216	BX100463		2.38
GE877096	BQ940372	LOC728352	2.38
GE861300	BQ448624		2.38
GE476899	NM_002201	ISG20	2.35
GE482824	AI742057	CMPK2	2.35
GE686106	AI689685		2.34
GE81691	M24470	GMPR	2.34
GE81440	NM_004802	OTOF	2.33
GE54091	NM_004154	P2RY6	2.32
GE840791	BU689688		2.31
GE55582	NM_017912	HERC6	2.26
GE57916	NM_002463	MX2	2.26
GE61861	NM_021170	HES4	2.22
GE88136	BC002772	NDUFA6	2.20
GE81053	NM_001674	ATF3	2.20
GE542441	BM991882		2.20
GE62969	NM_005306	FFAR2	2.18
GE900528	AK093211	LOC283854	2.18
GE666022	AW468379		2.17
GE61104	NM_002759	EIF2AK2	2.17
GE771310	AA010783		2.16
GE60220	NM_017523	XAF1	2.13
GE56850	BG570241	RNF213	2.13

(continued)

ID	Genbank	Symbol	Fold(H/L)
GE60490	BG271339	SBF1	2.13
GE63147	NM_020954	KIAA1618	2.12
GE87808	NM_152703	SAMD9L	2.10
GE60426	NM_002230	JUP	2.09
GE53625	NM_015149	RGL1	2.07
GE62523	BF590200		2.06
GE864975	BQ007379		2.06
GE85817	NM_017631	DDX60	2.05
GE537401	AI640472	ANKRD22	2.05
GE873852	BG492510		2.05
GE87583	AK023341		2.04
GE55428	NM_017742	ZCCHC2	2.04
GE54698	NM_001572	IRF7	2.03
GE62756	NM_022168	IFIH1	2.03
GE888448	BQ717005		2.03
GE59379	NM_005031	FXYP1	2.03
GE81108	NM_002053	GBP1	2.02
GE87327	BG945789		2.01
GE54334	NM_014314	DDX58	2.01
GE567937	AL600783	PARP14	2.00
GE878537	BM561270		2.00
GE56663	NM_022750	PARP12	2.00
GE57965	NM_002704	PPBP	0.50
GE79387	NM_002775	HTRA1	0.49
GE632157	AI739024		0.47
GE57889	NM_002619	PF4	0.46
GE57529	BE326425	RPS23	0.46
GE85984	N85078	KIAA0114	0.42
GE56931	BX089554		0.41
GE785989	AK023568	SOHLH2	0.33
GE893212	BE044800		0.27

Differentially expressed genes for HVL vs C

ID	Genbank	Gene Symbol	Fold(H/C)
GE88530	AA302123		98.26
GE81525	NM_005532	IFI27	54.51
GE890723	NM_023068	SIGLEC1	11.98
GE872520	BF526295		9.69
GE53009	NM_006820	IFI44L	8.33
GE57621	NM_005567	LGALS3BP	7.69
GE63118	NM_016135	ETV7	7.47
GE61906	NM_000062	SERPINC1	7.15
GE85917	H25356		6.80
GE82744	CB163168		6.52
GE59650	NM_001548	IFIT1	6.23
GE841986	CA309689		6.07
GE57504	NM_003641	IFITM1	6.02
GE513353	NM_080657	RSAD2	5.58
GE60155	NM_005218	DEFB1	5.31
GE63033	AF135187	MX1	5.29
GE572310	AA854620		5.22
GE55258	NM_003733	OASL	5.09
GE79842	NM_005409	CXCL11	5.00
GE570778	AI424832		4.81
GE62019	NM_001710	CFB	4.74
GE62164	NM_005623	CCL8	4.59
GE61107	NM_001549	IFIT3	4.47
GE88816	NM_002982	CCL2	4.41
GE821119	BC013288		4.37
GE811394	NM_001547	IFIT2	4.22
GE548063	NM_030776	ZBP1	4.19
GE560217	AI955710		4.13
GE59344	NM_002346	LY6E	4.11
GE79032	NM_002462	MX1	3.99
GE83631	NM_033255	EPSTI1	3.98
GE60483	NM_006417	IFI44	3.80
GE59642	NM_001565	CXCL10	3.79

(continued)

ID	Genbank	Gene Symbol	Fold(H/C)
GE79267	NM_172369	C1QC	3.68
GE60490	BG271339		3.56
GE53687	NM_016323	HERC5	3.56
GE56410	NM_015535		3.56
GE861300	BQ448624		3.52
GE78999	NM_181782	NCOA7	3.32
GE552151	AI217164		3.26
GE55273	NM_017414	USP18	3.24
GE81108	NM_002053	GBP1	3.23
GE877096	BQ940372		3.08
GE63258	NM_002462	MX1	3.05
GE490836	AA487301		3.03
GE58459	NM_012108	STAP1	3.00
GE60220	NM_017523		2.96
GE537401	AI640472		2.95
GE85582	NM_052942	GBP5	2.93
GE552023	NM_145699	APOBEC3A	2.91
GE62831	NM_002038	IFI6	2.89
GE54191	NM_004442	EPHB2	2.88
GE59647	NM_000491	C1QB	2.87
GE572841	NM_144590	ANKRD22	2.85
GE87808	NM_152703	SAMD9L	2.85
GE482824	AI742057		2.82
GE864975	BQ007379		2.80
GE476899	NM_002201	ISG20	2.78
GE55582	NM_017912	HERC6	2.76
GE492768	BF055111		2.74
GE61104	NM_002759	EIF2AK2	2.73
GE779975	AW403935		2.71
GE591216	BX100463		2.70
GE57134	NM_002933	RNASE1	2.66
GE54091	NM_004154	P2RY6	2.66
GE888448	BQ717005		2.64
GE57916	NM_002463	MX2	2.63
GE81691	M24470	GMPR	2.63
GE61845	NM_031458	PARP9	2.62
GE81440	NM_004802	OTOF	2.59
GE85817	NM_017631		2.57
GE873852	BG492510		2.55
GE666022	AW468379		2.54
GE900528	AK093211		2.50
GE62756	NM_022168	IFIH1	2.49
GE56850	BG570241		2.49
GE54247	NM_003650	CST7	2.47
GE62523	BF590200		2.45
GE61683	NM_015907	LAP3	2.45
GE771310	AA010783		2.42
GE567937	AL600783		2.41
GE86774	AK022354		2.41
GE54698	NM_001572	IRF7	2.41
GE82581	CB157631		2.39
GE542441	BM991882		2.39
GE522879	BF912690		2.38
GE62969	NM_005306	FFAR2	2.37
GE840791	BU689688		2.36
GE63147	NM_020954	KIAA1618	2.35
GE55428	NM_017742	ZCCHC2	2.33
GE54334	NM_014314	DDX58	2.31
GE54437	NM_003975	SH2D2A	2.28
GE833098	BQ025036		2.26
GE878537	BM561270		2.25
GE56663	NM_022750	PARP12	2.25
GE672223	AI423518		2.25
GE62587	NM_014506	TOR1B	2.24
GE83557	NM_032855	HSH2D	2.24
GE686106	AI689685		2.22
GE892605	BI711433		2.22
GE79181	NM_000593	TAP1	2.19
GE53625	NM_015149	RGL1	2.19
GE85133	AW189008		2.19

(continued)

ID	Genbank	Gene Symbol	Fold(H/C)
GE82198	NM_017654	SAMD9	2.18
GE834984	AI654371		2.17
GE80458	NM_030641	APOL6	2.16
GE533493	AK092577		2.15
GE58182	NM_007315	STAT1	2.13
GE86787	BG032744		2.13
GE59382	NM_005533	IFI35	2.12
GE61861	NM_021170	HES4	2.12
GE87327	BG945789		2.11
GE57919	NM_007115	TNFAIP6	2.09
GE59108	NM_007237	SP140	2.09
GE55372	NM_016619	PLAC8	2.09
GE81258	F24156		2.08
GE59379	NM_005031	FXVD1	2.08
GE84559	AL046745		2.07
GE81217	NM_002985	CCL5	2.06
GE79223	NM_015991	C1QA	2.04
GE806223	BC035130		2.03
GE86067	BI768548		2.03
GE54578	NM_003592	CUL1	2.03
GE566269	NM_005041	PRF1	2.03
GE57547	NM_000355	TCN2	2.02
GE54824	NM_006547	IGF2BP3	2.02
GE837354	AK124409		2.01
GE58393	NM_006144	GZMA	2.00
GE53421	NM_005737	ARL4C	0.50
GE81018	NM_001417	EIF4B	0.50
GE57965	NM_002704	PPBP	0.47
GE57589	NM_004951	EBI2	0.46
GE509227	AL832121		0.45
GE83540	NM_032827	ATOH8	0.45
GE60488	NM_014224	PGA5	0.44
GE79387	NM_002775	HTRA1	0.41
GE57529	BE326425		0.41
GE85984	N85078		0.41
GE785989	AK023568	SOHLH2	0.40
GE87410	AK091337		0.37
GE81574	NM_005913	MC5R	0.35
GE83399	NM_033082		0.31
GE893212	BE044800		0.30
GE59685	NM_002001	FCER1A	0.24
GE80745	NM_021995	UTS2	0.22

Differentially expressed genes for LVL vs C

ID	Genbank	Gene Symbol	Fold(L/C)
GE59685	NM_002001	FCER1A	0.43