

Probe ID	Gene title	Common name	Fold change compared to mock-infected	
			Survived rat #1	Survived rat #2
1371152_a_at	25 oligoadenylate synthetase	Oas1	2.871	27.280
1370902_at	aldose reductase-likan protein	LOC286921	2.138	3.398
1367794_at	alpha-2-macroglobulin	A2m	2.200	2.139
1368270_at	apolipoprotein B editing complex 1	Apobec1	4.595	41.620
1371440_at	beta-2 microglobulin	B2m	2.522	9.704
1389470_at	B-factor, properdin	Bf	4.866	21.660
1369186_at	caspase 1	Casp1	2.119	11.680
1387605_at	caspase 12	Casp12	2.762	2.541
1368555_at	CD37 antigen	CD37	2.014	11.760
1367679_at	CD74 antigen (invariant polypeptide of MHC class II antigen-associated)	CD74	2.370	124.300
1387627_at	CD86 antigen	CD86	2.943	4.028
1368420_at	ceruloplasmin	Cp	2.073	16.910
1393219_at	complement component 2	C2	6.541	31.380
1368000_at	complement component 3	C3	8.682	136.600
1367850_at	Fc receptor, IgG, low affinity III	Fcgr3	2.023	5.806
1368332_at	guanylate binding protein 2, interferon-inducible	Gbp2	3.765	75.940
1387770_at	interferon, alpha-inducible protein 27-like	Isg12(a)	2.399	6.871
1371095_at	kinesin-related protein 3	Krp3	2.765	2.466
1370056_at	Ly6-C antigen gene	Ly6b	4.000	162.200
1373544_at	monokine induced by gamma interferon	Mig	9.500	30.110
1371015_at	myxovirus (influenza virus) resistance	Mx1	2.036	6.423
1370892_at	palmitoyl-protein thioesterase 2	C4a	3.206	12.300
1387946_at	peptidylprolyl isomerase C-associated protein	Ppicap	2.252	15.980
1368492_at	prostaglandin D2 synthase 2	Ptgds2	2.425	3.800
1367786_at	proteasome subunit, beta type 8	Psmb8	4.663	32.430
1370186_at	proteasome subunit, beta type 9	Psmb9	2.975	37.700
1370383_s_at	Rat MHC RT1 class II E-beta chain mRNA 3'end	RT1-Db1	29.140	51.530
1372064_at	Rattus norvegicus CDK104 mRNA		2.106	15.590
1391754_at	Rattus norvegicus similar to 25 oligoadenylate synthetase, mRNA	LOC246268	2.478	9.125
1390287_at	Rattus norvegicus similar to Breast cancer associated protein BRAP1, mRNA		2.202	9.515
1381311_at	Rattus norvegicus similar to cell surface glycoprotein, mRNA	Emr1	2.902	11.870
1385047_x_at	Rattus norvegicus similar to cell surface receptor FDFACT, mRNA		2.497	3.061
1395003_at	Rattus norvegicus similar to C-type lectin, superfamily member 6; dendritic cell immunoreceptor, mRNA	Dcir4	4.401	8.195
1382153_at	Rattus norvegicus similar to dendritic cell immunoreceptor, mRNA	Clecsf6	2.320	7.271
1372404_at	Rattus norvegicus similar to EN-7 protein, mRNA	MGC105983	4.002	2.359
1383564_at	Rattus norvegicus similar to interferon regulatory factor 7, mRNA		2.586	5.818
1373992_at	Rattus norvegicus similar to interferon-inducible GTPase, mRNA		3.387	2.945
1387314_at	Rattus norvegicus similar to interferon-stimulated protein, mRNA		3.365	15.500
1390507_at	Rattus norvegicus similar to interferon-stimulated protein; DnaQL protein, mRNA	Isg20	2.182	4.782
1391489_at	Rattus norvegicus similar to LRG-47, mRNA		2.004	13.810
1395126_at	Rattus norvegicus similar to MMAN-g, mRNA		3.368	2.189
1371447_at	Rattus norvegicus similar to onzin, mRNA		9.416	18.140
1384946_at	Rattus norvegicus similar to toll-like receptor 1, mRNA		2.390	10.500
1386160_at	Rattus norvegicus similar to trichohyalin, mRNA		2.407	2.246
1369110_x_at	RT1 class Ib gene (Aw2)	RT1-A3	8.455	51.620
1370429_at	RT1 class Ib gene (Aw2)	RT1-Aw2	3.868	5.718
1387839_at	RT1 class Ib gene, H2 TL-like, gre region (N1)	RT1-N1	45.370	8.269

Supplementary Data 1. Transcriptome analysis of mRNA extracted from HSV-1 infected Rat brain tissue. The expression of 47 genes was induced at least 2 fold higher in survived rats at 12 hours (rat #1) and 36 (rat #2) hours after recovery from HSE when compared to PBS treated rats.