Appendix 6. Expression of 40 genes significantly downregulated in the rabbit HSV-1 latent trigeminal ganglia

Gene		Fold change
Protein degradation		
	"Protease, Serine, 11"	–1.92
	Ubiquitin-activating Enzyme E1	–1.79
	Leucine Rich Repeat Containing 41	–1.64
	Ubiquitin C-terminal Hydrolase 37 UCH37	–1.22
	Secernin 1	–1.35
	Ubiquitin Protein Ligase E3A	–1.35
	"Neural Precursor Cell Expressed,Developmentally Down-regulated Gene 8"	–1.39
	Ubiquitin-conjugating Enzyme E2 Variant	–1.45
	Ubiquitin-conjugating Enzyme UBCH7	–1.51
Protein biosynthesis		
	Eukaryotic Translation Initiation Factor 3 Subunit 7	–1.79
	Eukaryotic Translation Elongation Factor 1 Delta Isoform 1	–1.61
	Eukaryotic Translation Initiation Factor 5A; Eukaryotic Translation Inhibition Factor 5A (EIF5AI)	–1.59
	"Eukaryotic Translation Initiation Factor 4 Gamma, 2"	–1.25
Carbohydrate metabolism		
	"Aldolase A, Fructose-bisphosphate"	–2.63
	"Aldolase A, Fructose-bisphosphate"	–2.43
	Alpha Enolase	–2.12
	Triosephosphate Isomerase 1	–2.86
	"Malate Dehydrogenase 2, nicotinamide adenine dinucleotide"	–1.69
	Pyruvate Kinase M	–1.47
	Kinesin Family Member 5A	–2.78
	NADH dehydrogenase subunit 3	–1.92
	Chromosome X Open Reading Frame 37	–1.75

	Fatty Acid Desaturase 3	–1.72
	Cytochrome C Oxidase Subunit VIa Homolog	–1.49
	Cytochrome C Oxidase PolypeptideVIb	–1.45
	“NADH Dehydrogenase 1 Alpha Subcomplex, 4”	–1.41
	NADH Dehydrogenase Fe-S Protein 2	–1.39
	NADH Dehydrogenase Fe-S Protein 4	–1.32
	NADH Dehydrogenase	–1.3
	NADH:ubiquinone Oxidoreductase B17.2 Subunit	–1.3
	Ubiquinol-cytochrome C Reductase Binding Protein	–1.3
	“Adenosine Triphosphate Synthase, H+ Transporting, Mitochondrial F0 Complex, Subunit”	–1.56
	ATP Synthase Subunit F6	–1.45
	Vacuolar ATPase 16kDa Subunit C	–1.43
	Ubiquitination Factor E4A	–1.43
	“ATP Synthase, H+ Transporting, Mitochondrial F1 Complex, Beta Polypeptide”	–1.37
Apoptosis		
	“Protein Kinase C, Zeta”	–1.61
	Scavenger Receptor class B Member 1	–1.39
	Sulfatase 1	–1.32
	BCL2-like 1	–1.18

There was no obvious pattern in gene expression that would explain the maintenance of viral latency.