

cA gene clusters of significant size in 11 LDV genomes.

LDV	Protein ID	Annotation	Statistical Test
<b>Human herpesvirus 5 strain AD169</b>	NP_899637	Ig Fc-binding glycoprotein RL11	$p \leq 0.001$
	NP_899638	Ig Fc-binding glycoprotein RL12	
	NP_899639	unknown	
	NP_039934	unknown	
	NP_039935	unknown	
	NP_039938	unknown	
	NP_039939	unknown	
	NP_039940	unknown	
	NP_039941	unknown	
	NP_039942	unknown	
	NP_039943	unknown	
	NP_783772	unknown	
	NP_039945	Membrane protein precursor	
NP_039947	unknown		
<b>Molluscum contagiosum virus</b>	NP_044106	Putative non-globular, membrane associated protein	$p \leq 0.009$
	NP_044108	Putative membrane receptor	
	NP_044109	unknown	
	NP_044110	Fllice-like protein (apoptosis regulator)	
	NP_044111	Fllice-like protein (apoptosis regulator)	
	NP_044112	Slam-like protein	
	NP_044113	Slam-like protein	
NP_044114	unknown		
<b>Meleagrid herpesvirus 1</b>	NP_073361	unknown	$p \leq 0.003$
	NP_073362	unknown w/ Pro-Asn repeat	
	NP_073363	unknown	
	NP_073364	unknown	
<b>Murid herpesvirus 2</b>	NP_064217	Glycoprotein L precursor	$p \leq 0.001$
	NP_064218	Mucin (fragment)	
	NP_064219	unknown	
	NP_064220	unknown	
	NP_064221	unknown	
	NP_064222	unknown	
	NP_064223	unknown	
	NP_064224	unknown	
	NP_064225	unknown	
	NP_064226	unknown	
	NP_064227	unknown	
	NP_064228	unknown	
	NP_064229	Large tegument protein	
	NP_064230	unknown	
	NP_064231	unknown	
	NP_064232	unknown	
	NP_064233	unknown	
	NP_064234	unknown	
	NP_064235	unknown	
	NP_064236	unknown	
	NP_064237	unknown	
	NP_064238	Non-structural protein NS	
	NP_064239	Immediate-early protein 2 (IE2)	
	NP_064240	CC chemokine homolog	
	NP_064241	unknown	
	NP_064243	unknown	$p \leq 0.001$
	NP_064244	unknown	
	NP_064245	unknown	
	NP_064246	unknown	
	NP_064247	Tegument protein	
	NP_064248	Tegument protein	
	NP_064249	Tegument protein	
	NP_064250	unknown	
NP_064251	MHC class Ib antigen		
NP_064252	unknown		
NP_064253	unknown		
NP_064254	unknown		
NP_064255	unknown		
NP_064256	unknown		
NP_064257	unknown		
NP_064258	unknown		
NP_064259	unknown		
NP_064260	unknown		
NP_064261	unknown		
NP_064262	unknown		
NP_064263	unknown		
NP_064264	unknown		
NP_064265	unknown		
NP_064266	unknown		
NP_064267	unknown		
NP_064268	unknown		
NP_064269	unknown		
NP_064270	unknown		
NP_064271	unknown		
NP_064272	unknown		
NP_064273	unknown		
NP_064274	unknown		

LDV	Protein ID	Annotation	Statistical Test	
Tupaia herpesvirus 1	NP_116344	unknown	$p \leq 0.001$	
	NP_116346	unknown		
	NP_116347	unknown		
	NP_116348	unknown		
	NP_116349	unknown		
	NP_116351	unknown		
	NP_116352	unknown		
	NP_116353	unknown		
	NP_116354	unknown		
	NP_116355	unknown		
	NP_116356	unknown		
	NP_116358	unknown		
	NP_116359	unknown		
	NP_116360	unknown		
NP_116361	unknown			
NP_116362	unknown			
NP_116363	unknown			
NP_116364	unknown			
Pongine herpesvirus 4	NP_612643	unknown	$p \leq 0.001$	
	NP_612644	Virion glycoprotein RL10		
	NP_612645	Ig Fc-binding glycoprotein RL11		
	NP_612646	Glycoprotein RL12		
	NP_612647	Glycoprotein TRL13		
	NP_612649	unknown		
	NP_612650	unknown		
	NP_612651	Glycoprotein UL6		
	NP_612652	Glycoprotein UL7		
	NP_612653	Glycoprotein UL8		
	NP_612654	Glycoprotein UL9		
	NP_612655	Glycoprotein UL10		
	NP_612656	Glycoprotein UL11		
	NP_612657	unknown		
	NP_612762	Glycoprotein UL139		$p \leq 0.009$
	NP_612763	unknown		
	NP_612764	unknown		
NP_612765	unknown			
NP_612766	unknown			
NP_612771	unknown			
NP_612772	unknown			
NP_612773	unknown			
NP_612774	unknown			
NP_612775	Transcriptional transactivator TRS1			
NP_612776	unknown			
Human herpesvirus 5 strain merlin	YP_081459	IgG Fc-binding glycoprotein RL11	$p \leq 0.001$	
	YP_081460	IgG Fc-binding glycoprotein RL12		
	YP_081461	Glycoprotein RL11 family member		
	YP_081462	Glycoprotein RL11 family member		
	YP_081464	unknown		
	YP_081465	unknown		
	YP_081466	Glycoprotein RL11 family member		
	YP_081467	Glycoprotein RL11 family member		
	YP_081468	Glycoprotein RL11 family member		
	YP_081469	Glycoprotein RL11 family member		
YP_081470	Glycoprotein RL11 family member			
YP_081471	Glycoprotein RL11 family member			
YP_081472	unknown			
African swine fever virus	NP_042702	unknown	$p \leq 0.008$	
	NP_042703	unknown		
	NP_042704	Structural protein p22		
	NP_042706	unknown		
	NP_042707	unknown		
Murid herpesvirus 1	YP_214016	Glycoprotein family m02	$p \leq 0.001$	
	YP_214017	Glycoprotein family m02		
	YP_214018	Glycoprotein family m02		
	YP_214019	Glycoprotein family m02		
	YP_214020	Glycoprotein family m02		
	YP_214021	Glycoprotein family m02		
	YP_214022	Glycoprotein family m02		
YP_214023	Glycoprotein family m02			
YP_214024	Glycoprotein family m02			
Camelpox	NP_570395	unknown	$p \leq 0.001$	
	NP_570396	T1R protein		
	NP_570398	unknown		
Cyanophage P-SSM4	YP_214677	RNA-DNA / DNA-DNA helicase ATPase, UvsW	$p \leq 0.009$	
	YP_214678	unknown		
	YP_214679	gp55 T4-like sigma factor		
	YP_214680	gp47 T4-like endonuclease		
	YP_214682	gp46 T4-like endonuclease		