

**Table S10: Negatively predicted orthologous protein interactions (predicted from core interaction network) tested by Y2H and CoIP.**

HSV-1				mCMV				EBV				KSHV			
		Y2H	CoIP			Y2H	CoIP			Y2H	CoIP			Y2H	CoIP
UL21	UL21	0	0	M88	M88	0	0	BTRF1	BTRF1	0	0	Orf 23	Orf 23	0	1
UL39	UL25	0	0	M71	M86	0	0	BSRF1	BcLF1	0	0	Orf 55	Orf 25	0	0
UL51	UL19	0	NA	M45	M77	0	0	BORF2	BVRF1	0	0	Orf 19	Orf 61	0	0
UL12	UL6	0	1	M98	M104	0	0	BGLF5	BBRF1	0	1	Orf 37	Orf 43	0	0
UL13	UL5	0	0	M97	M105	0	0	BGLF4	BBLF4	0	0	Orf 36	Orf 44	0	0
UL10	UL19	0	0	M100	M86	0	0	BBRF3	BcLF1	0	0	ORF39	ORF26	0	0
UL5	UL22	0	1	M105	M75	0	0	BBLF4	BXLF2	0	0	ORF44	ORF22	0	1
UL24	UL52	0	0	M70	M76	0	1	BSLF1	BXRF1	0	0	ORF56	ORF20	0	0
UL54	UL30	0	0	M69	M54	0	0	BSLF2	BALF5	0	0	ORF57	ORF9	0	0
UL24	UL18	0	0	M76	M85	0	0	BXRF1	BDLF1	0	0	ORF20	ORF26	0	0