

S-Table 1. Cellular proteins that co-immunoprecipitated with MEF-gB

RefSeq accession number	Definition (gene symbol)	Score ^a	Peptide sequence		
NP_005338.1	78 kDa glucose-regulated protein (HSPA5)	38	VLESDLK		
		53	ETAEAYLGK		
		35	LTPEEIER		
		46	VLESDLKK		
		55	ITITNDQNR		
		58	VYEGERPLT		
		75	DAGTIAGLNVMR		
		79	FEELNMDLFR		
		50	NELESYAYSLK		
		46	ELEEIVQPIISK		
		64	TWNDPSVQQDIK		
		62	SDIDEIVLVGGSTR		
		52	AKFEELNMDLFR		
		65	TFAPEEISAMVLTK		
		67	ITPSYVAFTPEGER		
		39	KSDIDEIVLVGGSTR		
		44	TKPYIQVDIGGGQTK		
		87	IINEPTAAAIAAYGLDK		
		78	NQLTSNPENTVFDAK		
		87	IINEPTAAAIAAYGLDKR		
		81	SQIFSTASDNQPTVTIK		
		78	VTHAVVTVPAYFNDAQR		
		62	DNHLLGTFDLTGIPPAPR		
		65	IEWLESHQDADIEDFK		
		79	IEIESFYEGEDFSETLTR		
		NP_821133.1	tubulin beta chain (TUBB)	56	YLTVAAVFR
				45	LAVNMVPFPR
				66	ISEQFTAMFR
				63	ISVYYNEATGGK
				88	IMNTFSVVPSPK
75	EVDEQMLNVQNK				
78	AILVDLEPGTMDSVR				
54	LHFFMPGFAPLTSR				
78	ALTVPELTQQVFDAK				
46	NSSYFVEWIPNNVK				
94	GHYTEGAELVDSVLDVVR				
54	SGPFGQIFRPDNFVFGQSGAGNNW				
NP_006079.1	tubulin beta-2C chain (TUBB4B)		AK		
		63	INVYYNEATGGK		
		61	AVLVDLEPGTMDSVR		
NP_001737.1	calnexin precursor (CANX)	55	ALTVPELTQQMFDAK		
		40	TGIYEEK		
		42	EIEDPEDR		
		56	GTLSGWILSK		
		42	AEDEILNR		
		49	KPEDWDERPK		
		105	IVDDWANDGWGLK		
		74	IPNPdffedLEPFR		
		99	APVPTGEVYFADSFDR		

NP_116093.1	tubulin alpha-1C chain (TUBA1C)	74	IPDPEAVKPDDWDEDAPAK
		56	EDMAALEK
		53	EIIDLVLR
		47	QLFHPEQLITGK
		40	LISQIVSSITASLR
		96	AVFVDLEPTVIDEVR
		35	NLDIERPTYTNLNR
		43	IHFPLATYAPVISA EK
		82	TIGGGDDSFNTFFSETGAGK
		92	AFVHWYV GEGMEEGEFSEAR
NP_006588.1	heat shock cognate 71 kDa protein (HSPA8)	36	EIAEAYLGK
		55	DAGTIAGLNVL R
		65	FEELNADLFR
		49	TTPSYVAFTDTER
		35	NQTAEKEEFEHQ QK
NP_001091.1	actin, alpha skeletal muscle (ACTA1)	44	AGFAGDDAPR
		57	HQGVMVGMGQK
		55	DSYVGDEAQSK
NP_002256.2	importin subunit beta-1 (KPNB1)	61	VLANPGNSQVAR
		56	LAATNALLNSLEFTK
NP_001012680.1	4F2 cell-surface antigen heavy chain (SLC3A2) ^b	92	VAEDEAEAAAAAK
NP_001203.1	complement component 1 Q subcomponent-binding protein,mitochondrial precursor (C1QBP)	57	AFVDFLSDEIK
		62	AFVDFLSDEIKEER
NP_444513.1	dermcidin preproprotein (DCD)	69	DAVEDLESVGK
NP_003477.4	large neutral amino acids transporter small subunit 1 (SLC7A5)	41	ALAAPAAEEK
		43	SADGSAPAGEGEGVTLQR
NP_005505.2	major histocompatibility complex, class I, B precursor (HLA-B)	54	FSDAASPR
NP_004198.1	monocarboxylate transporter 4 (SLC16A3)	51	LHKPPADSGVDLR
NP_008893.1	zinc finger protein 182 (ZNF182)	39	QHQQDDQDK
NP_694858.1	transportin-1 isoform 2 (TNPO1)	37	ESQSPDTTIQR
NP_849143.1	dynein assembly factor with WDR repeat domains 1 (DAW1)	36	HGELKTK

^a The score is $-10 \cdot \log(P)$, where P is the probability that the observed match was a random event. A score > 34 indicated identity or extensive homology ($p < 0.05$).

^b 4F2 cell-surface antigen heavy chain (SLC3A2) is also designated CD98hc.

S-Table 2. HSV-1 proteins that co-immunoprecipitated with MEF-gB

Definition (gene symbol)	Score ^a	Peptide sequence
UL27 (gB)	37	ENIAPYK
	62	GTSALLSAK
	49	VTDMVMR
	37	NQLHDLR
	43	SEYGGSFR
	45	ALYPLTK
	56	QVDGFYAR
	54	HVNDMLGR
	35	GWHTTDLK
	59	KGTSALLSAK
	66	TTSSIEFAR
	57	NTNYTQVPNK
	66	YMALVSAMER
	66	NNLETTAFHR
	46	WQEVDEMLR
	56	APVPFEEVIDK
	61	LNPNAIASATVGR
	62	LQFTYNHIQR
	56	RNTNYTQVPNK
	83	YSQFMGIFEDR
	71	DSGLLDYTEVQR
	87	KLNPNAIASATVGR
	70	DVTVSQVWFGHR
	62	EGSHEHTSYAADR
	63	APVPFEEVIDKINAK
	64	DDHETDMELKPANAATR
	90	KPPNPTPPPPGASANASVER
	114	NPTNPDASGEGEGGDFDEAK
	90	YEDQGPLVEGQLGENNELR
	44	RNTNYTQVPNKDGADEDDL
	83	ELKNPTNPDASGEGEGGDFDEAK
	81	YFTFGGGYVYFEEYAYSHQLSR
	43	NNLETTAFHRDDHETDMELKPAN AATR
	UL22 (gH)	56
42		GDNVATASHPSGPR
40		GLLYNPVASVLLR

^a The score is $-10 \cdot \log(P)$, where P is the probability that the observed match was a random event. A score > 34 indicated identity or extensive homology ($p < 0.05$).