

GmSBP1	1	MGMRTKLSLAIFFFLLALFSNLAFGKCKETEVEEEDPELVTCKHQCOQQ	50
GmSBP2	1	MATRAKLSLAIFLFFLLALISNLALGKLETEVEE-DPELVTCKHQCOQQ	49
VrSBP1	1	KKETEVAADPELKTQKHQLL--	20
		*****      **** * **	
GmSBP1	51	QQYTEGDKRVCLQSCDRYHRMKQEREKQIQEETREKKEEESREREEEQQE	100
GmSBP2	50	RQYTESDKRTCLQQCD---SMKQEREKQVEEETREK-----EEEHQE	88
VrSBP1	21	-----	20
GmSBP1	101	QHEEQ-DENPYIFEEEDKDFETRVETEGGRIRVLKKFTEKSKLLQGIENFR	149
GmSBP2	89	QHEEEEDENPYVFEEEDKDFSTRVETEGGSIRVLKKFTEKSKLLQGIENFR	138
VrSBP1	21	-----	20
GmSBP1	150	LAILEARAHTFVSPRHFVDFSEVFFNIKGRAVLGLVSESETEKITLEPGDM	199
GmSBP2	139	LAILEARAHTFVSPRHFVDFSEVFLFNIKGRAVLGLVRESETEKITLEPGDM	188
VrSBP1	21	-----	20
GmSBP1	200	IHIPAGTPLYIVNRDENDKFLFLAMLHIPVSVSTPGKFEFFAPGGRDPES	249
GmSBP2	189	IHIPAGTPLYIVNRDENEKLLLAMLHIP--VSTPGKFEFFGPGGRDPES	236
VrSBP1	21	-----FEEFFGPGGR----	30
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GmSBP1	250	VLSAFSOWNVLQAAALQTPKGKLENVFDQQNEGSIFRISREQVRALAPTKKS	299
GmSBP2	237	VLSAFSOWNVLQAAALQTPKGKLERLFNQNEGSIFKISRERVRALAPTKKS	286
VrSBP1	31	-----	30
GmSBP1	300	SWWPFGGESKPOFNIFSKRPTISNGYGRLETVGPDDDEKSWLQRLNLMLT	349
GmSBP2	287	SWWPFGGESKAQFNIFSKRPTFSNGYGRLETVGPDD-EKSWLQRLNLMLT	335
VrSBP1	31	-----YGTLEAAPS-----SR	43
		**    ***    *    *	
GmSBP1	350	FTNITQRSMSTIHYNHSHATKIALVIDGRGHLQISCPHMSSRSSHSHKDKS	399
GmSBP2	336	FTNITQRSMSTIHYNHSHATKIALVMDGRGHLQISCPHMSSRS-DSKDKS	384
VrSBP1	44		43
GmSBP1	400	SPSYHRISDLKPGMVVFPVPPGHFVTIASNKENLLMICFEVNARDNKKF	449
GmSBP2	385	SPSYHRISADLKPGMVVFPVPPGHFVTIASNKENLLIICFEVNVRDNKKF	434
VrSBP1	44		43
GmSBP1	450	TFAGKDNISSLDNVAKELAFNYPSEMVNGVFLQRFLEKLIIGRLYHLP	499
GmSBP2	435	TFAGKDNISSLDNVAKELAFNYPSEMVNGVS-----	466
VrSBP1	44		43