

BEL1_Tai6.36202	HAEEFETVYVQGERRRRRVYVCSFECVVENNHLSCAGLSFFVQFTVPSLLTCAITHRRRHILSRHRRSTRRGASMMHCS	88
BEL5_Tai6.14823	...MMYVQSSVQCEELIYMMFNYE.....ECITALE...CQAMLLSGNALVSGMMLRLPCQCHVQ	68
Consensus	y d l l p d p l h s g	
BEL1_Tai6.36202	HTHTFSTIIVYDFAQSVFVHLCEITFPELVSPFRRHRFFGGGGVIVVVFPEFLSWHETNNINVRQCGLSLILSSRR	176
BEL5_Tai6.14823	.VPRERALQCEIDRSQWAAVQSSSSGCGSCQCFPSVVGCGGTENARCEG....PARRVVSPFATCGLSLILSPCC	151
Consensus	p dp s q s q q q h qqlsl ls	
BEL1_Tai6.36202	TCGCSSTPENNCRITASMISLIVSSTHGGHGVGNSSYNHIGHSRCSVGGFTGVASTPSPFPAQQLLEFQIV	264
BEL5_Tai6.14823	QPRSSNNSSPVLLSH..EGHSGCSSTHNGCITTSVYMAACILDEVV.....VPSCLPDAENELKKK	227
Consensus	p l r s g s s l g g l s l a	
BEL1_Tai6.36202	VPRVYERLEADSILMISMTSSSSLVDSSENQDSGHRRRPSLISMLDEVYRVCYVQCQVVSFFSVAGINAPFAAIL	352
BEL5_Tai6.14823	SNPFQGAALITIGATISCTAAAAAARITTCRQSLAKKAILSMLEDEVYVCYVQCQVVSFFSVAGVSRSTIL	314
Consensus	s k k l smldev ry qy q q v fe ag a l	
BEL1_Tai6.36202	ALHAKSKFRCLWADTHCHTERSCCHDEEGASSSADNKKLILCEITFPELVGMHCVWRPQGLPERATVLRWLHSHF	440
BEL5_Tai6.14823	ADNTSKFRCLWADSSCHTDMKSGE..EQVMSALKTEHFLCCFACDQMMF..WRPQGLPERAVVLRWLHSHF	398
Consensus	al sk frcl ai q t ks g eg l q a g m wrpqglperav vlrwlh hf	
BEL1_Tai6.36202	LHPYEDCKMMLAKQTGLRQVSNWFINARVRIWKPMVEEENIDICCKNCTHP..CMNHSSESLSRNVAQFSSSHQ	526
BEL5_Tai6.14823	LHPYEDCKMMLAKQTGLRQVSNWFINARVRIWKPMVEEENIDICCKNCTHP..CMNHSSESLSRNVAQFSSSHQ	486
Consensus	lhpy d dk mlakqtgl r qvsnwfinarvrlwkpvee e e	
BEL1_Tai6.36202	CEHPTKRTNNKADSSSSSEANDSYGNSSHTTQIGGPTAGGSSS....VSTLGLNCHNLLCSFVNACQFGLAS..	607
BEL5_Tai6.14823	NNAFTEHTSIMTSPFVSSLPFGCHSEITDNNEDATIGGERNDFPRINVDICSSSSILEVMIDMSAGIDHFPARIFA	574
Consensus	pt s g s l a qg l f d	
BEL1_Tai6.36202	SEPTVSGHETCTQFGRIGG.....	630
BEL5_Tai6.14823	RAECPFLMAHPRICFTIGGGRFNFENLTASGFHNGVSLTLGLPFSENLAVSQFQNYLSTHQCMLDGRRLMGRIENNFC	662
Consensus	fg ig	
BEL1_Tai6.36202		630
BEL5_Tai6.14823	ESSENINGVETIDFQSKRFAAQLLEQV	692
Consensus		

Fig. S7. Multiple alignment of BEL1 and BEL5 proteins. Identical amino acids are highlighted in blue and similar amino acids in gray.