

NTDB id	384	SMU RS02325 WP 002263039.1	KVDHKS	SPKPTKPQPKP	KKRHFLARFFKF	TFFILVAIGIAVLTYLVLTKESTVSVPDVSGDKLSTAKMIIRKSGLKVGCDVQ	398
NTDB id	467	HSISS4 RS06915 WP 021143821.1	PAPSKQPRKKTPPAKKK	KKKNFSTLLKVFLGLVFIFGIIIFAYLVFTNPDNVQVPNVVGGELSTAQTKEGAGFKVGEVK		398	
NTDB id	388978	LPB220 RS02805 WP 150905434.1	DPNRPLSDQQTMAPSKPPRRRLRARY	KVLTFVAIALVLAFTFLLYSMPANKTVPDVSCKTIAEAAVLIEGDLDQVEEK		399	
NTDB id	146	SP RS08570 WP 000614538.1	LILLSAQVTEETYQPAPKKHRFKMRY	LILLASLVLSAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEET		398	
NTDB id	216	SPD RS08205 WP 000614552.1	KNPSQAVTEETYQPAPKKHRFKMRY	LILLASLVLSAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEET		398	
NTDB id	182	SPR RS07820 WP 000614552.1	KNPSQAVTEETYQPAPKKHRFKMRY	LILLASLVLSAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEET		398	
NTDB id	257	KZH43 RS07655 WP 220041236.1	KNPSQAVTEETYQPAPKKHRFKMRY	LILLASLVLSAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEET		398	
consensus			*****!*****!*****!				

[illegible]

NTDB id	384	SMU RS02325 WP 002263039	YGVSRDSIVLKEVSSDDYSGGTVIGQSPK	486
NTDB id	467	HSSI4 RS06915 WP 021143821.1	FGVSEDQIDIQHVEDDSEEEGILSQSPG	487
NTDB id	388978	LPB220 RS02805 WP 150905434.1	YKVSSKMITEEVEITFDYAAGTGLEQTPA	488
NTDB id	146	SP RS08570 WP 000614538.1	TVLKKSLPEGTGYDLKATQIVLTVAKKATTIQLGNYYGRNSTEVISELKQKKVPENLIKIEEEEESSEPGMTIMKQSPG	558
NTDB id	216	SPD RS08205 WP 000614552.1	TVLKKSLPEGTGYDLKATQIVLTVAKKATTIQLGNYYGRNSTEVISELKQKKVPENLIKIEEEEESSEPGMTIMKQSPG	558
NTDB id	182	SPR RS07820 WP 000614552.1	TVLKKSLPEGTGYDLKATQIVLTVAKKATTIQLGNYYGRNSTEVISELKQKKVPENLIKIEEEEESSEPGMTIMKQSPG	558
NTDB id	257	KZH43 RS07655 WP 220041236.1	TVLKKSLPEGTGYDLKATQIVLTVAKKATTIQLGNYYGRNSTEVISELKQKKVPENLIKIEEEEESSEPGMTIMKQSPG	558
consensus			*****!*****!*****!*****!*****!*****!*****!*****!	

NTDB id 384	SMU RS02325 WP 002263039.1	PKGTYHPSSDKK	ITLKV...VKVTMPNLKNSTYEEAVSTLT	AMGISSSR	IKAY..DASDYSSEIS	SPSSSSSL	VVGQS	558
NTDB id 467	HSISS4 RS06915 WP 021143821.1	KNKSPNPKDSKAK	IKFRVA.TPKIVTMDVTGLIVSTAVQTLN	RKNISSSS	IEYHDYNTGAKLKD	AKIPSSSTE	ILYQD	564
NTDB id 388978	LPB220 RS02805 WP 150905434.1	PGEQYVNSKTK	IVLKVAKETTS	TEMPNVGSTDYFARSNL	IEIYGIKEANIE	LRKTEHL...	PDGVSVSAGQIVSQT	563
NTDB id 146	SP RS08570 WP 000614538.1	AGTTYDVSKPTQ	IVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTA	...	PAGS..	AEGMVVEQS	631	
NTDB id 216	SPD RS08205 WP 000614552.1	AGTTYDVSKPTQ	IVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTA	...	PAGS..	VEGMVVEQS	631	
NTDB id 182	SPR RS07820 WP 000614552.1	AGTTYDVSKPTQ	IVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTA	...	PAGS..	VEGMVVEQS	631	
NTDB id 257	KZH43 RS07655 WP 220041236.1	AGTTYDVSKPTQ	IVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTA	...	PAGS..	VEGMVVEQS	631	
consensus		*****	!*****!				*****	*****!

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NTDB id 384 SMU RS02325 WP 002263039.1	P RAGEKVDLNKTRVKISIIYKPKTTSATP	616
NTDB id 467 HSISS4 RS06915 WP 021143821.1	EYVNTACTSRDDDLTVLESTAGGCHGFAEEDBNHECTSSSEADLETTTAAEGGTBASHTELQ	
NTDB id 388978 LPB220 RS02805 WP 150905434.1	PYYGNTVSLSSNDDIILYVSTGGSHSGSSSSSESSNSEGTTSSSEASTDSSSSATTT....SH....	624
NTDB id 146 SP RS08570 WP 000614538.1	PQ....AGTSVDGTVILYVSVATASSSLQSSSSSTTHSSST..SSSTDSTTSSTETSTEATHTELQ	623
NTDB id 216 SPD RS08205 WP 000614552.1	PEVSSTVDLNRTIRIVLTIVYEPKVTASSSTKASSSSSDTSSSSSGERSDTESSSSSATGG.DS.....	659
NTDB id 182 SPR RS07820 WP 000614552.1	PRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
NTDB id 257 KZH43 RS07655 WP 220041236.1	PRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
consensus	!*****!*****	659

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved