

NTDB id	1253	GC085	RS04835	WP	011215094.1	MLKLLPKHHSILGIDISSAVKILEISGSGEDICVEGYGREEIPASALEGNMTKDVDVANCIKKLVERLKFTSKNVAL	80
NTDB id	1042966	ABQ054	RS02710	WP	043909467.1	.MGLLPKSTSPPLIGVDISSTAVKLLQLSRSGNRFRVDHYAVEPLPPNAVVEKNIVEVEAVGEAIRRAINRSGSKAKNAAA	79
NTDB id	1010	ACIAD	RS15195	WP	004923715.1	MLRLYRPKKGVLGVDISSTS VKVLELSVKNNQYRVESYGLVPLENSVVEKNILNPEAVADALTR SINLANPQA INAAI	80
NTDB id	1084	FDQ49	RS11070	WP	004711654.1	MLRLYRKPNKGLMGVDISSTS VKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAAEALERAMNLANPQTITNAAI	80
NTDB id	1054	ABD1	RS15870	WP	002014066.1	MLRLYRKPNKGLMGVDISSTS VKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAAEALERAMNLANPQTTTHAAI	80
consensus						*** ***** *! !!!*!* !* ** *** * * **** ***** ***** ***** ***** ***** *	

NTDB id	1253	GCO85	RS04835	WP	011215094.1	AVPDSAVISKVVQIN EGLTDLEMEELVIEADKYIPYPIDEINLDFEVL GHSAKSSSLIDVLIVASRAENVNTRVEAAHR	160
NTDB id	1042966	ABQ054	RS02710	WP	043909467.1	AVAGSAVITKLTPMPADLDSDMEAQVELEATNYIPYPIEEVNLDFEVLGPMPNSPDMVQVLLAASRSENVELRQSALEL	159
NTDB id	1010	ACIAD	RS15195	WP	004923715.1	AVPTSMV VHKTIEMDADMDDEREVQIRMDAERYIPFPPLDEVSLDFEV MSEPLANPNRVSVLIAATRTENVDTRIEVLLEL	160
NTDB id	1084	FDQ49	RS11070	WP	004711654.1	AVPTSTVIHKTITEMDADM SDDEREVQIRVDAEQYIPFPLDEVSLDFEVL PORLLNPNRVNVLLVATRTENVTREVELEL	160
NTDB id	1054	ABD1	RS15870	WP	002014066.1	AVPTSTVIHKTITEMDADM SDDEREVQIRVDAEQYIPFPPLDEVSLDFEVL PORLLNPNRVNVLLVATRTENVTREVELEL	160
consensus						!!**!*!!**!*****!!**!*!!!!!!*!* *****!!**!*!!!!!!**!*!!!!!!*	

[illegible][illegible]

NTDB id	1253	GC085	RS04835	WP	011215094.1	LSHMSFGKKVNL	DVINS	DAPITLMVACGLALRHVE.	354
NTDB id	1042966	ABQ054	RS02710	WP	043909467.1	LAQMILGPKVQAHA	TALDAPALMIAT	TGLAIRSFD.	352
NTDB id	1010	ACIAD	RS15195	WP	004923715.1	FLQMEFSPQVDIKK	VENDAA	SLMVACGLAIRSFDE	353
NTDB id	1084	FDQ49	RS11070	WP	004711654.1	FLQMGFSPQVDVQ	KIENDAS	SLMVACGLAIRSFD	352
NTDB id	1054	ABD1	RS15870	WP	002014066.1	FLQMGFSPQVDVQ	KIENDAS	SLMVACGLAIRSFD.	352
consensus						***!	*!*	*!*!!	

 non conserved
 similar
 $\geq 50\%$ conserved