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NTDB id 498 SM12261 RS01980 WP 000282464.1	..MYNKVIMIGRLTSTPELHKTNNNDKSVARATIIVNRRTYKDKQ.NGER..EADFVNMLVWGKLAESLASATKGSLSISVDG	75
NTDB id 158 SP RS09595 WP 000282442.1	..MYNKVILIGRLTSTPELHKTNNNDKSVARATIIVNRRTYKDKQ.NGER..EADFVNMLVWGRLAETLASATKGSLSISVDG	75
NTDB id 624 LCA RS00040 WP 011373726.1	..MLNRVVLVGRLLTRDVLRYTSSGAAGTFSMAVNRQFTNA.NGDR..EADFVNCVIRKSAENFANFTKKGSLVGVGD	75
NTDB id 112 BSU 36310 NP 391512.2	..MFNQVVLVGRLLTKDPLRYTSAGAAVAHVTLAVNRSFKNA.SGEI..EADYVNCTLWRKTAENTALYCQKGSLVGVSG	75
NTDB id 227490 B9T46 RS04760 WP 000934753.1	..MLNRTILVGRLLTRDPELRTTQNGVNVASFILAVNRTFTNA.QGER..EADFINIIVFKKQAENVNKYLSKGSLAGVDG	75
NTDB id 113 BSU 40900 NP 391970.1	..MLNRVVLVGRLLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGER..EADFINCVTWRRQAENVANFLKKGSLAGVDG	75
NTDB id 1103 NMB RS07590 WP 002212976.1	.MSLNKVILIGRLGRDPEVRYPMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAETIAGQYLLKGGGLVYLEG	78
NTDB id 1131 NGFG RS05740 WP 003695064.1	.MSLNKVILIGRLGRDPEVRYPMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAETIAGQYLLKGGGLVYLEG	78
NTDB id 1390 A4U84 RS00055 WP 021115958.1	MAGVNVKVIIVGNLGNPDPMRTMPNGDAVATLSVATSESWNDKMTGERREVTWHRIVFFRRQAEVAGQYLLKGSKVYVEG	80
consensus	***!*****!***!***** ** *!* ***!***** * *!*** ********** !! *****!*** **!	

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NTDB id 498 SM12261 RS01980 WP 000282464.1	ELRTRRF EK.NGQMNYVTEVLVTGFFLLESRAQRAMRENNAGQ.....	117
NTDB id 158 SP RS09595 WP 000282442.1	ELRTRRF EK.NGQMNYVTEVLVTGFFLLESRAQRAMRENNAGQ.....	117
NTDB id 624 LCA RS00040 WP 011373726.1	RLQTRNYENQQGRVYVTEVVDFNLSLERTTTEQRQCDGASQNFNSNQS..NGSQSGFTSPQQTGNAPAA.....	146
NTDB id 112 BSU 36310 NP 391512.2	RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....	113
NTDB id 227490 B9T46 RS04760 WP 000934753.1	RLQTRNYENKEGGRVYVTEVIADSIQFLEPKNSNDTQQDLYQQQVQ.....TRGQSQYSNN.....	132
NTDB id 113 BSU 40900 NP 391970.1	RLQTRNYENQQGRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGQNDNPFGGNQNNQRRNQ.....	148
NTDB id 1103 NMB RS07590 WP 002212976.1	RIQSRKYQKDGIER TAYDIVANEMKMLGGRNENSG.GAPYEYEGYQS.....QEAYQRPAAQSRQPASDAPSHQP	148
NTDB id 1131 NGFG RS05740 WP 003695064.1	RIQSRKYQKDGIER TAYDIVANEMKMLGGRNENSG.GAPYDEGYQS.....QEAYQRPAAQSRQPAPDAPSHQP	148
NTDB id 1390 A4U84 RS00055 WP 021115958.1	KLKTRKWQDQNGQDRYTTEIQGDVLLQMLDSRSSGGDFGNGQSGGWNQAPAQ..TNYNQGGYSDNYAQNNNFNNGGNA....	154
consensus	*****!*** *!* ***** ***** * * * * *	

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NTDB id 498 SM12261 RS01980 WP 000282464.1	DLADLVLEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	DLADLVLEEEELPF	131
NTDB id 624 LCA RS00040 WP 011373726.1	..NNTQADPFANNGQAIDISDDDLPF	170
NTDB id 112 BSU 36310 NP 391512.2		113
NTDB id 227490 B9T46 RS04760 WP 000934753.1	..KPVKDNPFANANGPIELNDDDLPF	156
NTDB id 113 BSU 40900 NP 391970.1	..NSFNDDPFANDGKPIDISDDDLPF	172
NTDB id 1103 NMB RS07590 WP 002212976.1	EAPAAPRRQVPVAAAPVEDIDDDIPF	174
NTDB id 1131 NGFG RS05740 WP 003695064.1	EAPAAPRRQVPVAAAPVEDIDDDIPF	174
NTDB id 1390 A4U84 RS00055 WP 021115958.1	TRPQPAQKPAAQAEPPMDNFDDDIPF	180
consensus	***** *****	

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