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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPGDGSGLDLVKHVSQNYPTNTPI	80
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	.MNEPKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLANNPYDLCLTDMRLPDGNGTIELVTEIAKHYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!**!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIATAALKAGAFDFVSKPVVQVHLDQLLQKALNRQKVHDT..TENALENKLITGRSLPIQQLRIAICKTIA	158
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSSAMESLRATIGKVA	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTATQALKAGAFDFLTTPVDLGRRLRELVTALRLRNPEAEAE...PVDNRLLGESPPMRALRNQIGKLA	153
consensus	!!!!!!*!!!!*!*!!!!!!!!!!*!!!!!!*!!*!!*!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	RSQAPVYIVGESGIGKELVARLIHEQGRPEPFVYVNCGAIPPELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTFL	238
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	RSQAPVYIVGESGVGKELVARTIHEQGARAPGPFVYVNCGAIPAELMESEFFGHKKGSFTGAHADKPGFLFQAAHGGTFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVYVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAHGGTFL	233
consensus	!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPPLRERGEDY	318
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPPLRERGGDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPPLRERREDI	313
consensus	!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	PLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNMTERAITLSEDATIDISHLHPAPLRA.NISNPFASA	397
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	PQLAAATIAARLAHSHGRPIPLLTQSALDALNHYGFPNVRELENILERALALAEDDQISATDLRLPAHGHRHAVPNGGA	399
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.....	386
consensus	**!!**!!**!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AQSIQTTVAAPQAVKKLPSECLERYLENIKEDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETETEDEV	473
NTDB id 1039990 ACCQ16 RS15660 WP 042773941.1	AAE...PREAVVDIDPASAAALPSYTEQLERAAIQQKALEENRWNNKTCTAAQLGITFRALRYKLKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..E....GAASLS...EIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGID.....	445
consensus	*!*!!**!!	

☒ non conserved
☒ similar
☒ ≥ 50% conserved