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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGGLDLVKHVSQNYPNPTPI	80
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	.MSEPKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLANNPYDLCLTDMRLPDGNGTIELVTEISKQYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!**!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLTLGRSLPIQQLRIAIAIKKITA	158
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSSAMESLRATIGKVA	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAEA....PVDNRLLGESPPMRALRNQIGKLA	153
consensus	!!!!!!*!!*!!*!!!!!!*!!!!!!*!!*!!*!!!!!!*!!*!!*!!!!!!*!!*!!*!!!!!!*!!*!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFPVYVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTLFL	238
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAASGGTLFL	233
consensus	!!!!!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKVRVPGSDQEIADVDFRVISASHQDLDLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV	318
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	DEVAELPLMQVKLLRAIQEKSVRPGASTESLVDVVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPPLRERSGDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPPLRERREDI	313
consensus	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNRMIERATITLSEDATIDISHLHPAPLRANISNPFASAA	398
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	PQLAAATIAARLARSHGRPIPLLTQSALDALDITYGFPGNVRELENILERALALAEDDQISASDLRLPAHGCHRL...AASP	396
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA	390
consensus	**!!**!!**!!*!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QSIQTTVAAPQAVKKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETETEVEV	473
NTDB id 1042958 ABQ049 RS16760 WP 074058079.1	GSAAIEPREAVVIDIDPASAAFPSYTEQLERAATIQKALEENRWNKTRTAAQLGITFRALRYLKKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	*.....*.....***!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

non conserved
 similar
 ≥ 50% conserved