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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQLVLIVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDNLNLPDGSGGLDLVKHVSQNYPNPTPI	80
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	.MNETKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLASNPDYDLCLTDMRLPDGNGTIELVTEIARQYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!**!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIATAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLTLGRSLPIQQLRIAICKTIA	158
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNRRDPAPPPPPPEQASRLLDSTAMESLRSTIGKVA	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAE...PVDNRLLGESPPMRALRNQIGKLA	153
consensus	!!!!!!*!!!!*!*!!!!!!!!!!*!!!!!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFIPVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTLFL	238
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAASGGTLFL	233
consensus	!!!!!!*!!!!*!*!!!!!!*!!!!!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLREREDY	318
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	DEVAELPLMQVKLLRAIQEKSVRVPVSGSETLVDVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPLRERSGDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI	313
consensus	!!!!!!*!!!!*!!!!!!*!!!!!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNRMIERATITLSEDATIDISHLHPAPLRANISNPFASAA	398
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	PQLAAATIAIARLARSHGRPIPLLTQSALDALDTYGFPGNVRELENILERALALAEDDQISASDLRLPAHGHRLA...ASP	396
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE...GAA	390
consensus	**!!**!!**!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QSIQTTVAAPQAV..KKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETEQEV	473
NTDB id 1000615 ABFT94 RS05285 WP 012437607.1	G..TAAVEPREAVVDIDPASSALPSYTEQLERAATQKALEENRWNNKTKTAAQLGITFRALRYLKKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	*!!**!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

- non conserved
- similar
- ≥ 50% conserved