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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNPTPI	80
NTDB id 1000003 ABFU13 RS05315 WP 012437607.1	.MNETKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLASNPYDLCLTDMRLPDGNGTIELVTEIARQYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSAARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!**!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLTLGRSLPIQQLRIAICKTIA	158
NTDB id 1000003 ABFU13 RS05315 WP 012437607.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNRRDPAPPPPPPEQASRLLDSTAMESLRSTIGKVA	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	RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFIPVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTLFLL	238
NTDB id 1000003 ABFU13 RS05315 WP 012437607.1	RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFLL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAASGGTLFLL	233
consensus	!!!!!!*!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPPLRERREDY	318
NTDB id 1000003 ABFU13 RS05315 WP 012437607.1	DEVAELPLMQVKLLRAIQEKSVRVPVSGSETLVDVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPPLRERSGDL	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 1000003 ABFU13 RS05315 WP 012437607.1	PQLAAATIAARLARSHGRPIPLLTQSALDALDTYGFPGNVRELENILERALALAEDDQISASDLRLPAHGHRLA...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..KKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETETEVEV	473
NTDB id 1000003 ABFU13 RS05315 WP 012437607.1	G..TAAVEPREAVVDIDPASSALPSYTEQLERAATQKALEENRWNNKTKTAAQLGITFRALRYLKKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	*!!**!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

☐ non conserved
☒ similar
☒ ≥ 50% conserved