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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDNLNPDGSGGLDLVKHVSQNYPNPTPI	80
NTDB id 1000408 ABFU34 RS05215 WP 012437607.1	.MNETKSALVDDDERDIRELLVLTGLRGMGLRISTAAFLAEARELLASNPDYDLCLTDMRLPDGNGTIELVTEIARQYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSAARNVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!**!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKKLLIGRSLPIQQLRIAIAIKKTA	158
NTDB id 1000408 ABFU34 RS05215 WP 012437607.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSTAMESLRSTIGKVA	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	RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFIPVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTLFLL	238
NTDB id 1000408 ABFU34 RS05215 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	DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERREDY	318
NTDB id 1000408 ABFU34 RS05215 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 1000408 ABFU34 RS05215 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..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETETEVEV	473
NTDB id 1000408 ABFU34 RS05215 WP 012437607.1	G..TAAVEPREAVVDIDPASSALPSYTEQLERAATIKKALEENRWNNKTKTAAQLGITFRALRYLKKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	*!!**!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

 non conserved
 similar
 ≥ 50% conserved