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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNPTPI	80
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	.MNETKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLASNPYDLCLTDMRLPDGNGTIELVTEIARQYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSAENVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!!!!!!!! !***** *!!!!!!!!***** *! ** *!!!!** *!!!!!!*!!!!!!*!!!!!!* *!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLITGRSLPIQQLRIAIAIKKITA	158
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSTAMESLRSTIGKVA	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	RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFIPVNCGAIPPELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTFL	238
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMSESEFFGHKKGSFTGAIEDKQGLFQAAASGGTFL	233
consensus	!!!!!!*!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKVRVPGSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERREDY	318
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	DEVAELPLMQVKLLRAIQEKSVRPGVSGSETLVDVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPLRERSGDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRANGGQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI	313
consensus	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNRMIERATITLSEDATIDISHLHPAPLRANISNPFASAA	398
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	PQLAAATIAARLARSHGRPIPLLTQSALDALDITYGFGNVRELENILERALALAEDDQISASDLRLPAHGHRHRL...AASP	396
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERIILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA	390
consensus	**!! ** ** * * ! ! ! * ! * * !!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QSIQTTVAAPQAVKKLPSECLERYLENIEKDILLNALNMTHTNRTLAACKKLGMTFRSLRYRLKKFGLDTETETEVEV	473
NTDB id 1042367 ABQF78 RS05230 WP 070690014.1	GSAAIEPREAVVDIDPASAAALPSYTEQLERAATIQKALEENRWNKTRTAAQLGITFRALRYLKKKLGME.....	464
NTDB id 1473 PAKAF RS24000 WP 003094694.1	S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	* * **** *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

 non conserved
 similar
 ≥ 50% conserved