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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNPTPI	80
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	.MNEPKSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLANNPYDLCLTDMRLPDGNGTIELVTEIAKHYPQTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!!!!!!!! !***** *!!!!!!!!***** *! ** *!!!!!!!!***** *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! * * *!!!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVHDTTENALENKLTLIGRSLPIQQLRIAIAKKTIARS	160
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPEQASRLLDSSAMESLRATIGKVARARS	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAEA...PVDNRLLGESPPMRALRNQIGKLARS	155
consensus	!!!!!!!!!!*!* *!!!!!!!!!!!!!!*!!!!!!* !* !* !! *** * * *!!!!!!* * * !! *!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QAPVYIVGESGIGKELVARLIHEQGRSEGPFFVYVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAHHGGTLFLDE	240
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	QAPVYIVGESGVGKELVARTIHEQGARAAGPFVVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGFLFQAHHGGTLFLDE	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	QAPVYISGESGSGKELVARLIHEQGPRIERPFVVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE	235
consensus	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	IAELPLMQVKLLRAVQEKIRPVGSDQEIADVFRVISASHQDLDLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL	320
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	VAELPLMQVKLLRAIQEKSVRPVGASSESLVDVVRILSATHKNLGDLVSDGRFRHDLYYRINVIELRVPPPLRERGGDLPP	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	VADLPYAMQVKLLRAIQEKAVRAVGGQVEAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPPLRERREDIPL	315
consensus	*!!!!* !!!!!!!!!!!!!!!*!!!!!!* *!* *!!!!!!*!!!!!!* *! !!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELNMTERAITLSEDATIDISHLHPAPLRANISNPFASAAQS	400
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	LAAATIIARLAHSHGRPIPLLTQSALDALDQYGFPGNVRELENILERALALAEDDQISATDLRLPAHGHR...LAATPGS	396
NTDB id 1473 PAKAF RS24000 WP 003094694.1	LAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QEGAA..	390
consensus	!! ** *** * * ! ! ! * ! * * !!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	IQTVAAPQAV..KKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKKLGMTFRSLRYRLKKFGLDTETETEVEV	473
NTDB id 1134951 ACLVWI RS16530 WP 411862066.1	A..AVEPREAVVDIDPASAAALPSYTEQLERAATIQKALEENRWNNKTKTAAQLGITFRALRYLKKKLGME.....	462
NTDB id 1473 PAKAF RS24000 WP 003094694.1	SL.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	* ** *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved