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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDEEDLCLLMQMTLARMGKIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGGLDLVKYIQQTYPQTPV	80
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	.MIDKAHILVIDDEPDICELLSLTLVHMGYSCLDLAYTYQQAIEKLNLSNIYSLVLTDMRLPDGSGGLDLVKYIQKTKNQLPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLIDTRSAARNVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV	78
consensus	* * *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVNLQVHLDQLLQKALNRQKV EHDTTENALENKKLLIGRSLPIQQLRIAIAKKTIARS	160
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	AVITAYGNVEGAVNTLKGAFDYLSKPVDLKQLKDLVKKTALLMQE...KKEQAKDDVLLGKSTVMQELRQNIIDKLARN	154
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTATQALKAGAFDFLT KPVDLGRRLRELVTATALLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS	155
consensus	!!!!!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1	QAPVVISGESGSGKELVARLIHQGRPRERPFIPVNCGAIPTELMESEFFGHKKGSFTGATDKQGLFVAAGGTLFLDE	240
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	QAPVFISGESGSGKELVAQLIHRQGPRAEKPFIPVNCGAIPNELLESEFFGHKKGSFTGATITDKVGLFVAANGGTLFLDE	234
NTDB id 1473 PAKAF RS24000 WP 003094694.1	QAPVVISGESGSGKELVARLIHQGPRIERPFIPVNCGAIPSELMESEFFGHKKGSFTGATIEDKQGLFQAASGGTFLFLDE	235
consensus	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	IAELPLSMQVKLLRAIQEKAIRPVGSGQELVDRLSASHKDLQLEVRAGFRQDLYYRVNVIELRVPLRERREDIPL	320
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	IAELPLSMQVKLLRAIQEKAIRPVGSGQELVDRLSASHKDLQLEVRAGFRQDLYYRVNVIELRVPLRERREDIPL	314
NTDB id 1473 PAKAF RS24000 WP 003094694.1	VADLPAMQVKLLRAIQEKAVRAVGGQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPLRERREDIPL	315
consensus	*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNRMTIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS	400
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	LTDYILSNLGRKQNRITILPLSRFCIQKLQSYFFPGNVRELENILERAAMCEGDTITIEEIQLPQAIPSA.....	384
NTDB id 1473 PAKAF RS24000 WP 003094694.1	LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.....	385
consensus	!!* *	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	IQTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHTWNRTLAAKKLGMFTRSLRYRLKKFGLDTETEVEV	473
NTDB id 1105173 ACNVED RS06060 WP 419420859.1	IGYQQFNSNLNDLLYEHEKELIKLTLEQTKNWNRATAAKLLGISFRTLRYRLKKLGLD.....	441
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..QE.....GAASLSEIDNLEDYLEDIERKLIMQALETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	* * *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

non conserved
 similar
 ≥ 50% conserved