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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDNLNLPDGSGLDLVKHVSQNYPNTP	80
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	.MNDTRSALVDDDERDIRELLVLTGLRMGLRISTAAFLAEARELLASNPDYDCLITDMRLPDGNGTIELVTEIAQHYPRTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!!!*!!**!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKV EHD..TTENALENKL LIGRSLPIQQLRIA IKKTA	158
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNSERAVPAAPPSEQAARLLGDSPAMNGLRTTITKVA	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTAIQALKAGAFDFLT KPVDLGR LRELVTATALRLRNPEA.....EEAPVDNRLLGESPPMRALRNQIGKLA	153
consensus	!!!!!!*!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	RSQAPVYILGESGIGKELVARLIHQSRSEGGFVFPVNCGAIPSELMESEFFGHKKGSFTGATQDKQGLFQA AHGGTFL	238
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	RSQAPVYILGESGVGKELVARTIHAQSARSAGTFVPVNCGAIPSELMESEFFGHKKGSFSGAHADKPGLFQA AHGGTFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIEHQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTFL	233
consensus	!!!!!!*!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKKSIRPVGSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERREDY	318
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	DEVAELPLMQVKLLRAIQEKSIRPVGAATEVPVDVRILSATHKDLGELVEDGRFRHDLYYRINVIELRVPPLRERRSDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRANGGQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI	313
consensus	!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LLLANHF IQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELNMIERAITLSEDA TIDISHLHPAPLRANISNPFASAA	398
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	PQLAASILARLARLARTHERPTPLAPSAIDALAQYHFGNVRELENILERALALAESDSIGASDLRLPQHATPRH.....	392
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.....	386
consensus	**!!** ** ** * * ! ! * ! * ! *!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QSIQTTVAAPQAVKKL..PSEGLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETE QEV	473
NTDB id 1032579 AB8E26 RS12575 WP 159497679.1	.GAGPAPMHEEA VVDLPAGNGALPSYIEQMERTAIQKALEENRWNKTRTAAQLGITFRALRYLKKLKGMD.....	461
NTDB id 1473 PAKAF RS24000 WP 003094694.1	.E.GAAS.....LSEIDNLEDYLEDIERKLIMQALEETRWNRTAAARGLGTFRSMRYRLKKLGID.....	445
consensus	* * ** * **!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!	

non conserved

similar

≥ 50% conserved