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NTDB id 1045 HON27 RS16330 WP 168727019.1	MAEQQLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPGDGSGLDLVKHVSQNYPTNTPI	80
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	.MNETRSALVDDDERDIRELLVLTGLRGMGLRISTAAFLAEARELLASNPDYDCLITDMRLPDGNGTIELVSEIAKHYPRTPV	79
NTDB id 1473 PAKAF RS24000 WP 003094694.1	..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSRARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV	78
consensus	*!*!!!!!!*!!!!*!*!!!!!!*!!!!*!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	AVLTAYGNMDIATAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVEHDTT..ENALENKLILIGRSLPIQQLRIAIAIKKITA	158
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	AMITAFGSMDLAVEALKAGAFDFVSKPVDIHVLRGLVKHAELENNSERPAPPAPPEQASRLLGASTAMDALRATIAKVA	159
NTDB id 1473 PAKAF RS24000 WP 003094694.1	AMITAYGSLDTATQALKAGAFDFLTTPVDLGRRLRELVTALRLRNPEAEAEAP.....VDNRLLGESPPMRALRNQIGKLA	153
consensus	!!!!!!*!!!!*!*!!!!!!!!!!*!!!!!!*!*!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	RSQAPVYILGESGIGKELVARLIHEQGRSEGPFVYVNCGAIPPELMESEFFGHKKGSFTGATQDKQGLFQAHHGGTLFL	238
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	RSQAPVYILGESGVGKELVARTIHEQGARAAGPFVYVNCGAIPAELMESEFFGHRKGSFTGAHADQAGLFGAAHGGTLFL	239
NTDB id 1473 PAKAF RS24000 WP 003094694.1	RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVYVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFGAASGGTLFL	233
consensus	!!!!!!*!!!!*!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	DEVAELPLMQVKLLRAIQEKVRVPGSSQEVVDVRILSATHKDLALLVGRFRQDLYYRINVIELRVPPPLRERGEDY	318
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	DEVAELPLPMQVKLLRAIQEKSVRPGASVEVPTDVRILSATHKDLADLVAEGRFRHDLYYRINVIELRVPPPLRERGGDL	319
NTDB id 1473 PAKAF RS24000 WP 003094694.1	DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPPLRERREDI	313
consensus	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	LLLANHFQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNRMIERAITLSEDATIDISHLHPAPLRANISNPFASAA	398
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	PQLAAATILARLAKSHGRITPLLSPSALDALNRYPFPGNVRELENILERALAMAEDDQIGAADLHLPQPGNSAR.AAAEAA	398
NTDB id 1473 PAKAF RS24000 WP 003094694.1	PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.EGAA..	390
consensus	**!!** ** ** * * * ! * ! * ! * * !!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1045 HON27 RS16330 WP 168727019.1	QSIQTTPAAAGADIDLEIDAPDTEDLKAALLKALAEETRNRRTAAALGTFRSLRYRLKKLGLDTEETEDEV	473
NTDB id 1026431 AB3X07 RS06140 WP 369943557.1	PALPPGVVDIDPTSSALPSYTEQLERAAIQQKALEENRWNKTRTAAQLGITFRALRYKLKKLGM.....	462
NTDB id 1473 PAKAF RS24000 WP 003094694.1	SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....	445
consensus	* * *****!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

- non conserved
- similar
- ≥ 50% conserved