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NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILI...ISASISLMAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILI...ISASISLAYSCKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK..	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLKQ..	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLKQ..	77
NTDB id 208024 PFAS1 RS09125 WP 076028936.1	MNRIFFSTFGTSLWIA.LLSPMVLAAANLEALDVAALPGDRVELKLSFDGPPP.SPQGYTTQSPARIALDLPGVVSQGLKS..	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGSLRRLGIALLAA.MFAPALLAADLEKLDVAAALPGDRVELKLQFDEPVA.APRGYTTEQPARIALDLPGVQNKLGIT..	76
consensus	!* ** * ** *** ** ** * ** ***** ! **** !*** ***! !!!!!* * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVOTGEASVDWSDDDRRLIVNLKDSGSYTRVEGNTEILVINSKONSNKOLENSKPY	145
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFITTRVEGNVFILKINNIQSTA.....TPV.....ATSAPA.....	140
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDQSRRLTVNLKDTGAFITTRVEGNVFILKINSAQTSN.....KPL.....PVVS.A.....	139
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDQSRRLTVNLKDTGAFITTRVEGNVFILKINSAQTSN.....KPL.....PVVS.A.....	139
NTDB id 208024 PFAS1 RS09125 WP 076028936.1	KNRELGGGNARSATVVQAKDRTRLIINLTQLTPYNARVEGNTLLVVVGQGANKTAS...SPAPKAP.RAATATPAKAY	152
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNREL SVGNTRSVTVVEAKDRTRLIINLTTLSSYTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
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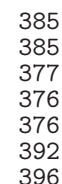
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NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
consensus	* *****!*** ***! !!!!!***** ****!***** ***** ** ****! ! **** * * **** *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	RM TILSKGDYGHFVYQVNVKQFMVDVFPLTAEERQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
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NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQSTGSYEYMAQYAEENKLTISLKRQDN.VRLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADS	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQSSGSYEYMAQYAEENKLTISLKRQDN.VNTSLYKTPNYSNGKLSLDFQDIEVRRVLQLLADFTGINMVAADS	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQSSGSYEYMAQYAEENKLTISLKRQDN.VNTSLYKTPNYSNGKLSLDFQDIEVRRVLQLLADFTGINMVAADS	296
NTDB id 208024 PFAS1 RS09125 WP 076028936.1	TISIEPSGAFDYSTYQTDNKLTVSIRPMTADDLQKRNTERFAYTGEKLSLNFQDIDVRSVLQLIADFTNLNLVASD	312
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLDYDLVYQTDNRLTVSIRPMTADDLQKRNTERFAYTGEKLSLNFQDIDVRSVLQLIADFTNLNLVASD	316
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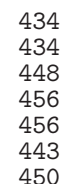
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consensus
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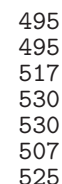
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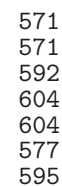
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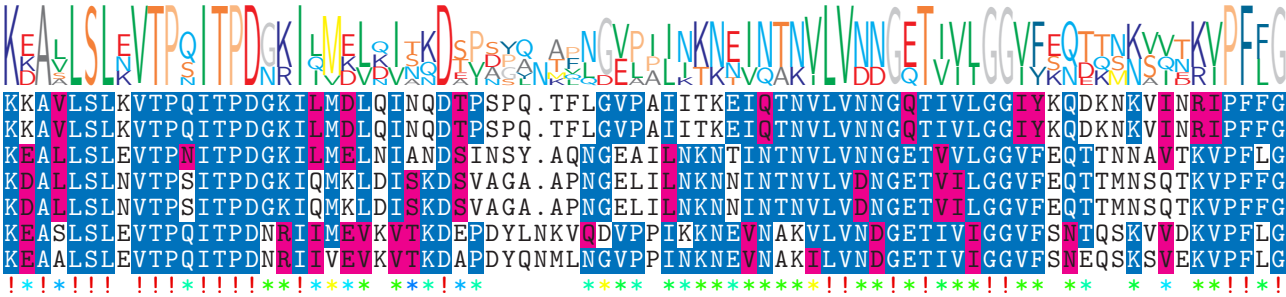


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consensus



650
650
671
683
683
657
675

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NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus



698
698
709
721
721
696
714

☒ non conserved
☒ similar
☒ ≥ 50% conserved