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NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIIAIILII..ISASISLMAYSKDNSLISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIIAIILIL..ISASISLAYS SKDNSLISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 155542 AM599 RS27455 WP 069376938.1	MNSGLSRLGIALIAA..MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.VPRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALIAA..MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.VPRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLK..Q	77
consensus	!* ** * ** *** * *** ** * ** *****! ** ! ** ***! !!!!!* ** *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTITVSTGEASVDVSDDDRRLIVNLKDSGYSYTRVEGNVEILVINNSQTSAS	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVSTGEASVDVSDDDRRLIVNLKDSGYSYTRVEGNVEILVINNSQTSAS	145
NTDB id 155542 AM599 RS27455 WP 069376938.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNLFFVVGNSPAGASVASAAPVRASPAPASYAQPIKPKPY	156
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFTRTRVEGNVFILKINNIQSTAT....P....VAT..SAP.....	139
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDQSRRLTVNLKDTGAFTRTRVEGNVFILKINSAQTSNK....P....LPV..VS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDQSRRLTVNLKDTGAFTRTRVEGNVFILKINSAQTSNK....P....LPV..VS.....	138
consensus	* *** ** !* ** *! !*****! *****! * **** * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
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NTDB id 155542 AM599 RS27455 WP 069376938.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
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NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGIKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * ****!* !*****! !!!!!*****! ***** * * ***! ! **** * !!!!!* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	RM TILSKGDYGHFVYQVVKQFMVDVFPLTAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
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NTDB id 155542 AM599 RS27455 WP 069376938.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTMEAEARRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTMEAEARRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQSGSYEYMAQYAEENKLTISLKRQPDNV.RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTGINMVTADSQQG	297
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NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQSSGSYEYMAQYAEENKLTISLKRQPDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
consensus	**! **! !*****! ***** * * * * ****! !!!!!*****! !!!!!*****! !!!!!*****!	

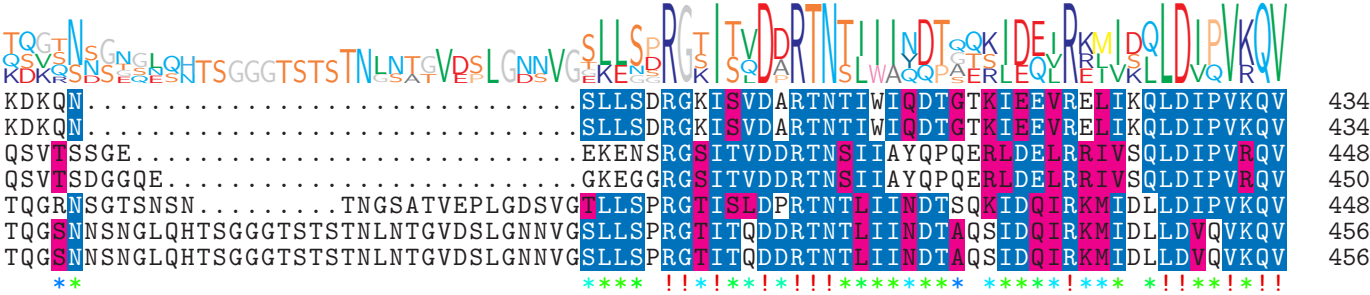
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consensus



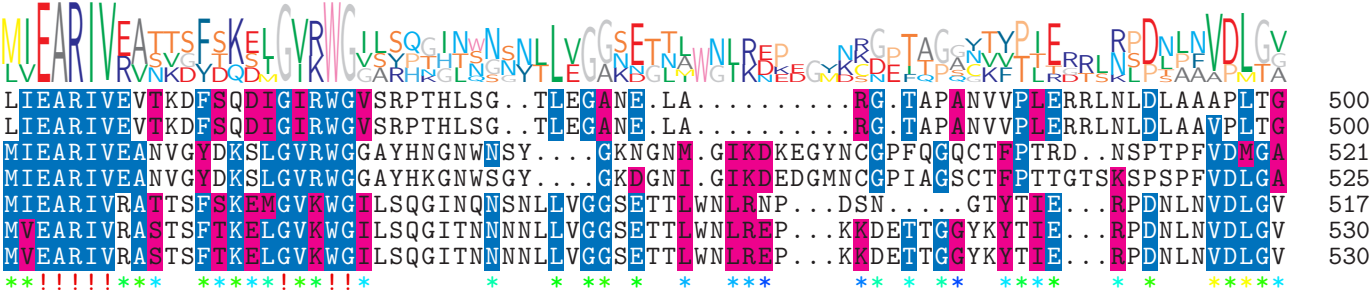
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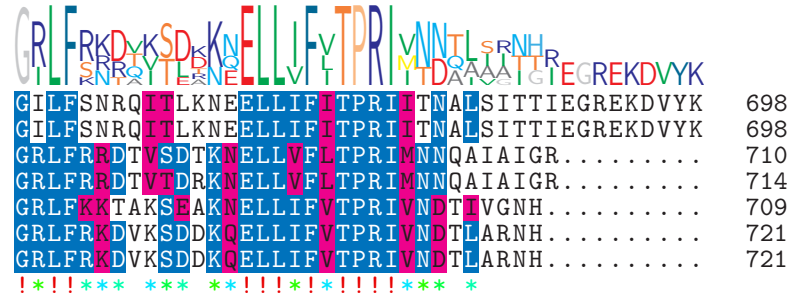
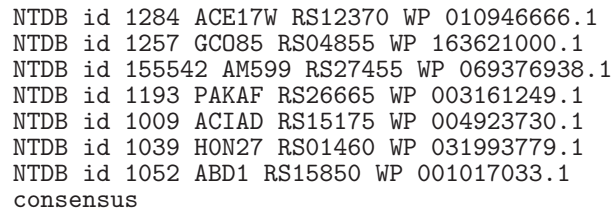
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consensus

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-  non conserved
-  similar
-  $\geq 50\%$ conserved