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NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAIIIL..ISASISMAYSKDNLSISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAIIIL..ISASISLAYSKDNLSISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 414830 GTW26 RS29670 WP 003141780.1	MNSGLSRLGIALAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..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	KTITVSTGEASVDVSDDDRRLIVNLKDSGYTTRVEGNVEILVINNSQTSAS	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVSTGEASVDVSDDDRRLIVNLKDSGYTTRVEGNVEILVINNSQTSAS	145
NTDB id 414830 GTW26 RS29670 WP 003141780.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPY	156
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFFTRVEGNVFILKINNIQSTAT....P....VAT..SA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDDRRLIVNLKDTGAFTRVEGNVFILKINSAQTSNK....P....LPV..VS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDDRRLIVNLKDTGAFTRVEGNVFILKINSAQTSNK....P....LPV..VS.....	138
consensus	* *** ** !* ** *! !*****! *****! * **** * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 414830 GTW26 RS29670 WP 003141780.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVIDLQGTINTPVDVQQQGSKVVRIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVIDLQGTINTPVDVQQQGSKVVRIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * ****!* !*****! !!!!!*****! ***** * * ***! ! !***** !!!!!!* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	RM TILSKGDYGHFVYQVVKQFMDVFPPLTAEEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
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NTDB id 414830 GTW26 RS29670 WP 003141780.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQSTGSYEYMAQYAEENKLTISLKRQDNV.RLNSKNNQNYTGKKLSLNFQDIEVRRVLQLLADFTGINMVTADSQQG	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQSSGSYEYMAQYAEENKLTISLKRQDNV.VTSLYKTPNYSNGKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQSSGSYEYMAQYAEENKLTISLKRQDNV.VTSLYKTPNYSNGKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
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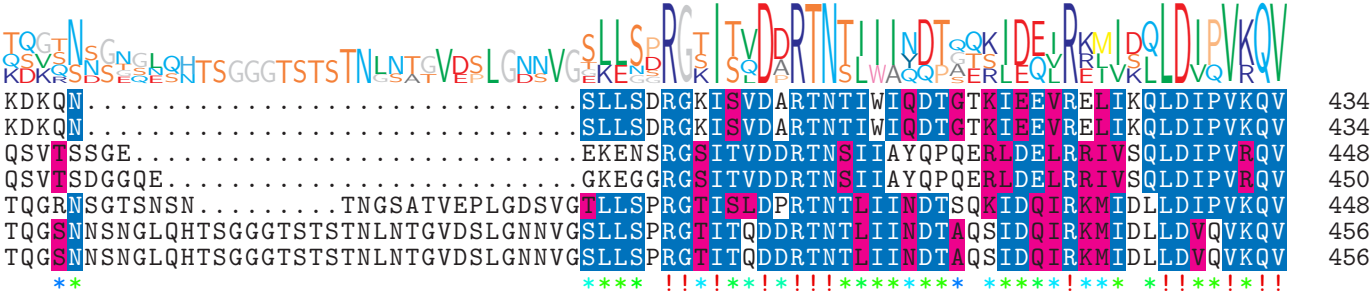
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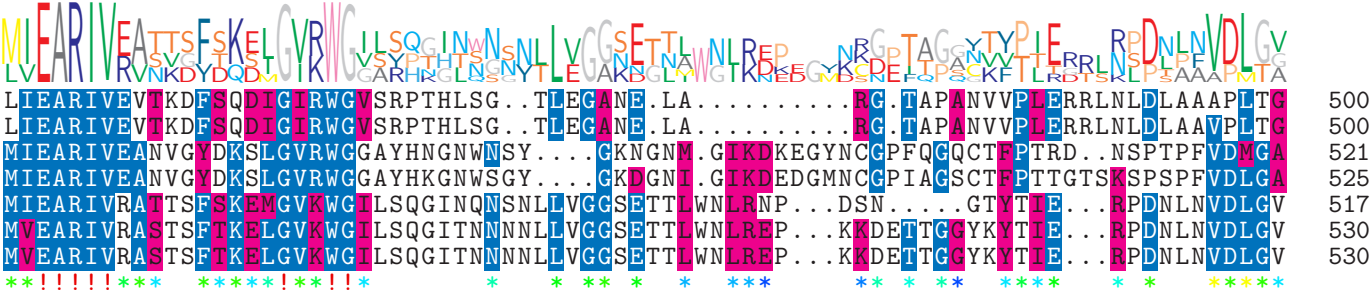
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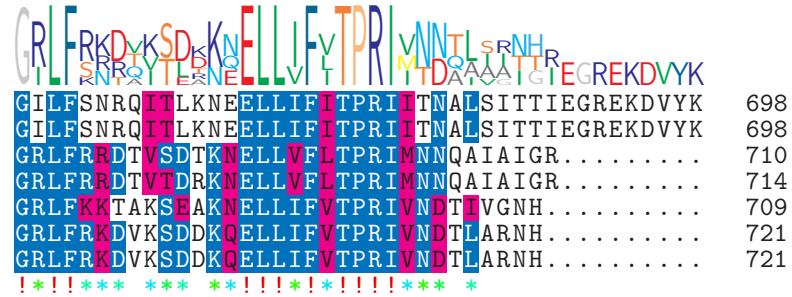
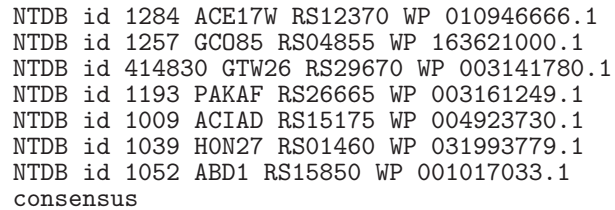


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consensus
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- X non conserved
- X similar
- X $\geq 50\%$ conserved