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NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIIAIILII..ISASISLMAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIIAIILII..ISASISLAYS SKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 155338 A7331 RS27585 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	KTITVSTGEASVDVSDDDRRLIVNLKDSGYTTRVEGNVEILVINNSQTSAS	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVSTGEASVDVSDDDRRLIVNLKDSGYTTRVEGNVEILVINNSQTSAS	145
NTDB id 155338 A7331 RS27585 WP 069376938.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVVGNSPAGASVASAAPVRASPAPASYAQPIKPKPY	156
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	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
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 155338 A7331 RS27585 WP 069376938.1	VPAGRAIRNIDFQRGEKGEGNVVIDLSPTLSPDIEQGGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEGNVVIDLSPTLSPDIEQGGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	.APQQGIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGKIPKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPKIPKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPKIPKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * ****!* !*****! !!!!!*****! ***** * * ***! ! !***** !!!!!!* * * ** *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	RM TILSKGDYGHFVYQV N K Q F M V D V F P L T A E E I R Q A K L K K Q V F T G K R I S L N F Q N I S I R A V L Q L L A D F T G I N M V V S D K V Q G	305
NTDB id 1257 GC085 RS04855 WP 163621000.1	RM TILSKGDYGHFVYQV N K Q F M V D V F P L T A E E I R Q A K L K K Q V F T G K R I S L N F Q N I S I R A V L Q L L A D F T G I N M V V S D K V Q G	305
NTDB id 155338 A7331 RS27585 WP 069376938.1	SITIEPSGLYDYL V Y Q T D N R L T V S I K P M T M E D A E R R K K D N F A Y T G E K L S L N F Q D I D V R S V L Q L I A D F T D L N L V A S D T V Q G	316
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLYDYL V Y Q T D N R L T V S I K P M T T E D A E R R K K D N F A Y T G E K L S L N F Q D I D V R S V L Q L I A D F T D L N L V A S D T V Q G	316
NTDB id 1009 ACIAD RS15175 WP 004923730.1	V I S I Q T S S G S Y E Y M A Y Q A E N K L T I S L K R P Q D N V . R L N S K N N Q N Y T G K K I S L D F Q D I E V R R V L Q L L A D F T G I N M V T A D S V Q G	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	V I T I Q S S G S Y E Y M A Y Q A E N K L T I S L K R P Q D K N . V T S L Y K T P N Y S G N K L S L D F Q D I E V R R V L Q L L A D F T G I N M V A D S V Q G	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	V I T I Q S S G S Y E Y M A Y Q A E N K L T I S L K R P Q D K N . V T S L Y K T P N Y S G N K L S L D F Q D I E V R R V L Q L L A D F T G I N M V A D S V Q G	296
consensus	**! **! !*****! ********** * * * * **! ****!* !!!!!***** !!!!!***** !!!!!*	

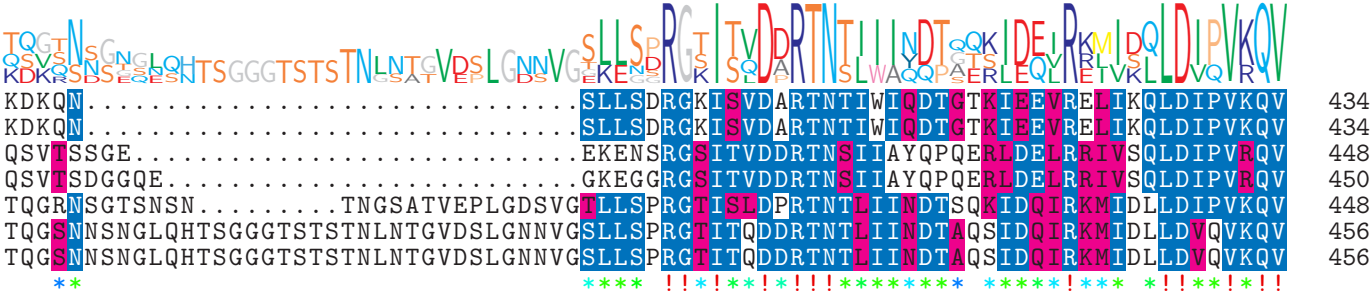
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NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus



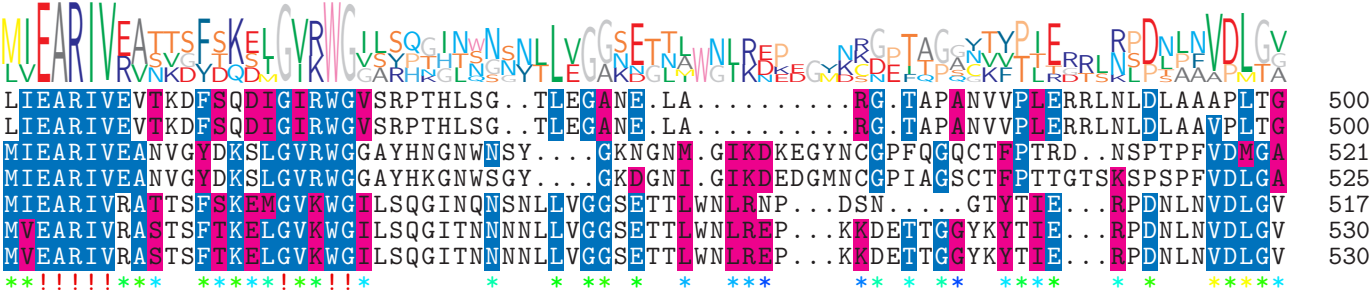
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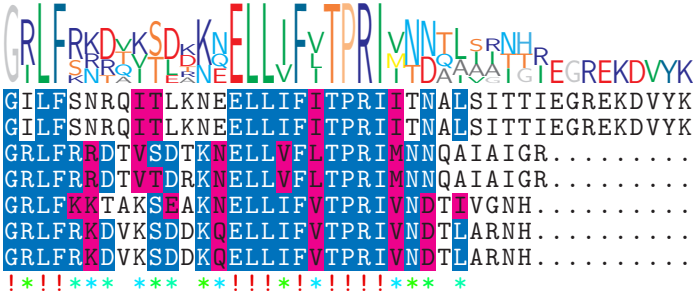
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NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus



698
698
710
714
709
721
721

X non conserved
X similar
X ≥ 50% conserved