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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 361419 FC629 RS28950 WP 031686163.1	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	KTITVSTGEASVDVSDDDRRLIVNLKDSGYSYTRVEGNVEILVINNSQTSAS	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVSTGEASVDVSDDDRRLIVNLKDSGYSYTRVEGNVEILVINNSQTSAS	145
NTDB id 361419 FC629 RS28950 WP 031686163.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFFTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..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 361419 FC629 RS28950 WP 031686163.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	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 TILSKGDYGHFVYQVVKQFMVDVFPLTAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
NTDB id 1257 GC085 RS04855 WP 163621000.1	RM TILSKGDYGHFVYQVVKQFMVDVFPLTAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
NTDB id 361419 FC629 RS28950 WP 031686163.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTTMEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTTMEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG	316
NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQTSGSYEYMAQYAEENKLTISLKRQDN.VRLSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTGINMVTADSQQG	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQTSGSYEYMAQYAEENKLTISLKRQDK.NVTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQTSGSYEYMAQYAEENKLTISLKRQDK.NVTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
consensus	**! **! !*****! ********** * * * * ****! !!!!!*****! !!!!!*****! !!!!!*****!	

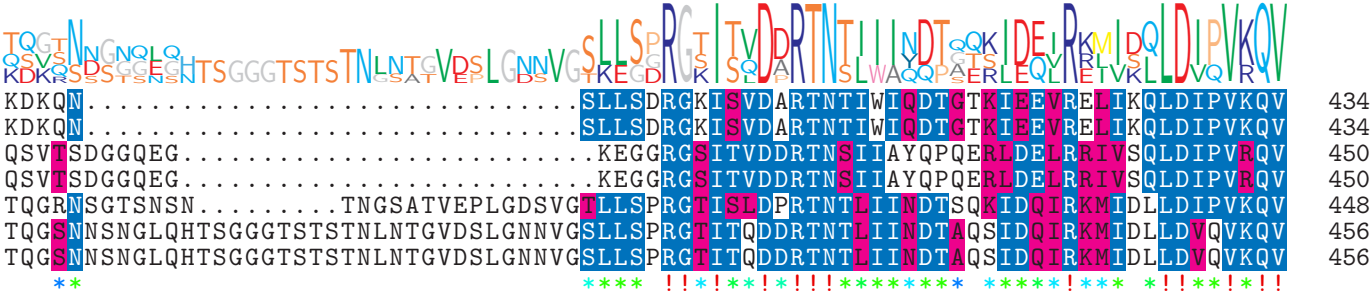
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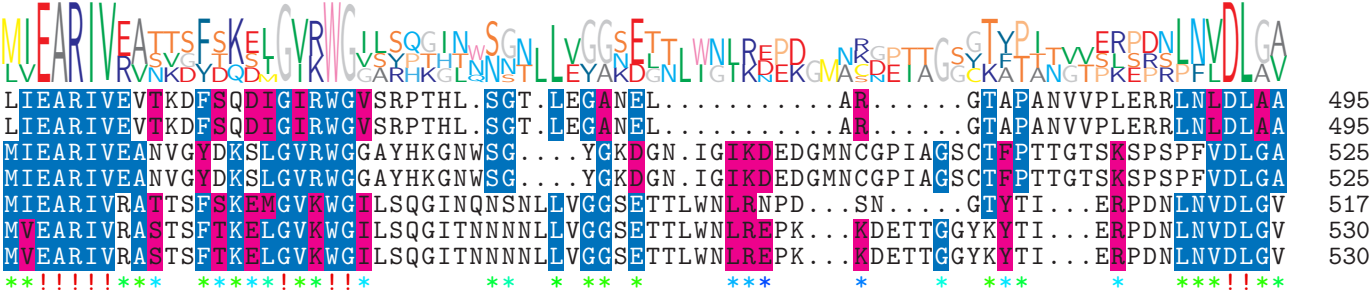
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consensus



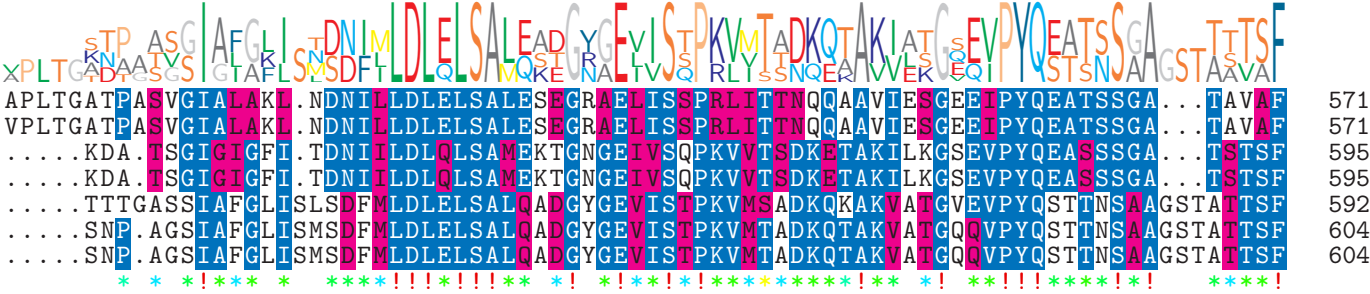
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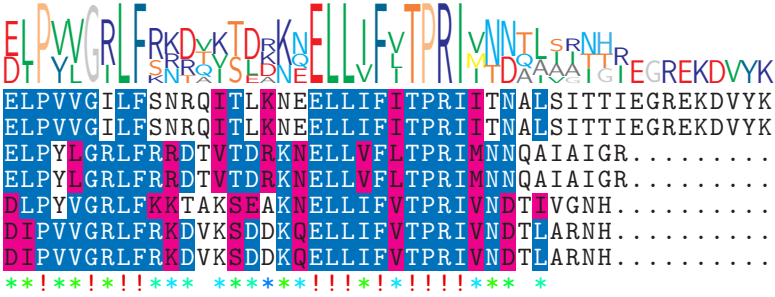
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consensus



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consensus



698
698
714
714
709
721
721

☒ non conserved
☒ similar
☒ ≥ 50% conserved