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NTDB id 1117694 ELZ66 RS04795 WP 010946666.1	MRKIIIAIILIL..ISASISMAYSKDNLSISVKVLPENRVRIDFQFSKPKQLPASFITQKPPRLVLDFFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIIAIILIL..ISASISMAYSKDNLSISVKVLPENRVRIDFQFSKPKQLPASFITQKPPRLVLDFFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIIAIILIL..ISASISLAYSKDNLSISVKVLPENRVRIDFQFSKPKQLPASFITQKPPRLVLDFFISTDMQIPSDQ	78
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALAA..MFAPALLAADLEKIDVAALPCDRVELKIQFDEPVA..APRCYTIQPARIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQITIRQFSIGTVAYATMQVASAQVAITNVVPMNIPGQGTEIRVMFENGLPP..QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIATMQAASAQVSMTNIVPMQIACQGTEIRVMFENGLPP..QPQAYQLENPSRLILDFDKAQGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIATMQAASAQVSMTNIVPMQIACQGTEIRVMFENGLPP..QPQAYQLENPSRLILDFDKAQGLK..Q	77
consensus	!* ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * **	

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NTDB id 1117694 ELZ66 RS04795 WP 010946666.1	KTKTIQLGSLHSYNIVAVGDRVRATIELDRSVSYSGSTAGSIYSLVINGKSNDFENS.....KEVFITNQV	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTKTIQLGSLHSYNIVAVGDRVRATIELDRSVSYSGSTAGSIYSLVINGKSNDFENS.....KEVFITNQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRATIELDRSVSYSGSTAGSIYSLVINGKSNDFENS.....KEVFITNQV	145
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNEELSVGNTRSVTVVEAKDRTRILNLTTLSYTTTRVEGNMFLVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRRVNVNLKDAFAFTRVEGNVHILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLITVNLKDAFAFTRVEGNTHILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLITVNLKDAFAFTRVEGNTHILKINSAQTSNK.....PLPV..VS.....	138
consensus	* *** ** !* ** *! !*****! * *****!*** **** * *	

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NTDB id 1117694 ELZ66 RS04795 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVQKEIVVNFLNTKIPNLNLMKRYDVSDFHSVPQIITMQQEGKKV	225
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVQKEIVVNFLNTKIPNLNLMKRYDVSDFHSVPQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVQKEIVVNFLNTKIPNLNLMKRYDVSDFHSVPQIITMQQEGKKV	225
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEGNVVIDLSDPTLSPDITQEGGKIRIDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTFVDVQQQGSKVVRFPGKIPHTLARRLNTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLGSNTFVDVQQQGSKVVRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLGSNTFVDVQQQGSKVVRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * ****!* !*****! !**!* ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** *	

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NTDB id 1117694 ELZ66 RS04795 WP 010946666.1	RMITILSKGDYGHFVYQVVKQFMVDVFPPLTAEIRQAKLKKQVFTGKRISLNFQNISTRAVLQLLADFTGINMVVSDKVQG	305
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NTDB id 1257 GC085 RS04855 WP 163621000.1	RMITILSKGDYGHFVYQVVKQFMVDVFPPLTAEIRQAKLKKQVFTGKRISLNFQNISTRAVLQLLADFTGINMVVSDKVQG	305
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPSGLYDYLVEYQTDNRLTVSTKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDNLVASDITVQG	316
NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQTSGSYBYMAYQAENKLTISLKRPPQDNV..RLNSKNNQMYTGKKISLDFQDIEVRRVLQLLADFTGINMVTADSVQG	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQQSSGSYBYMAYQAENKLTISLKRPPQDNV..VTSLYKTPNYSCKNLSLDFQDIEVRRVLQLLADFTGINMVAADSVQG	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQQSSGSYBYMAYQAENKLTISLKRPPQDNV..VTSLYKTPNYSCKNLSLDFQDIEVRRVLQLLADFTGINMVAADSVQG	296
consensus	**! **! !*****! !***** ** * * * * **!* **!* **!* **!* **!* **!* **!* **!* **!* **!	

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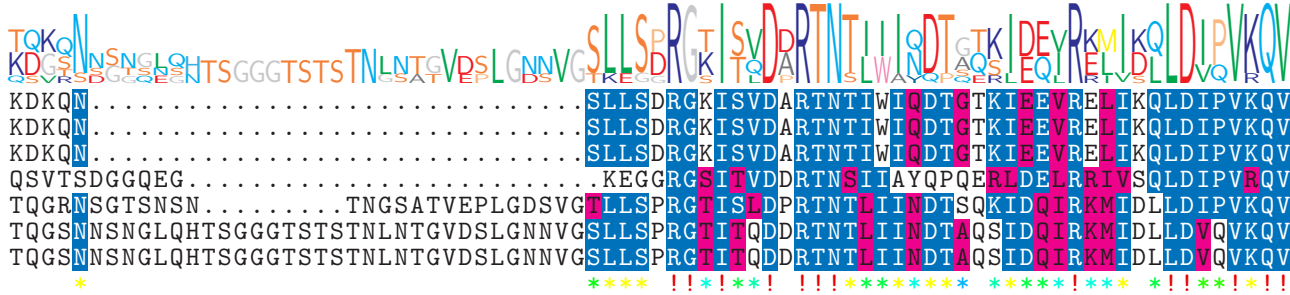
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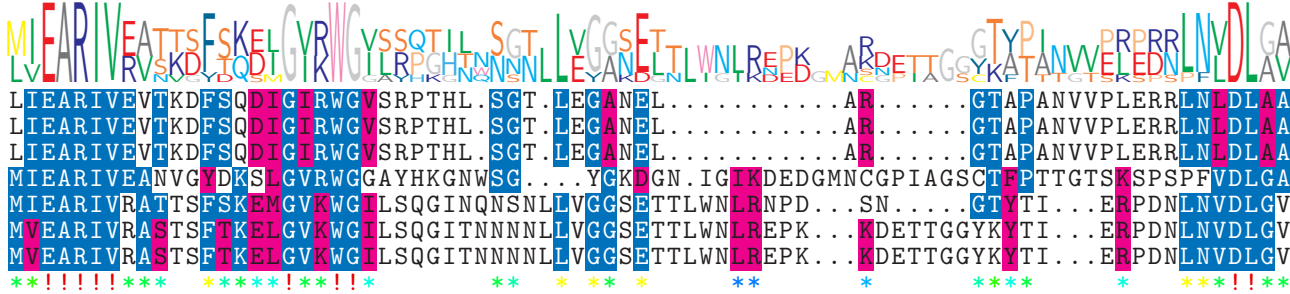
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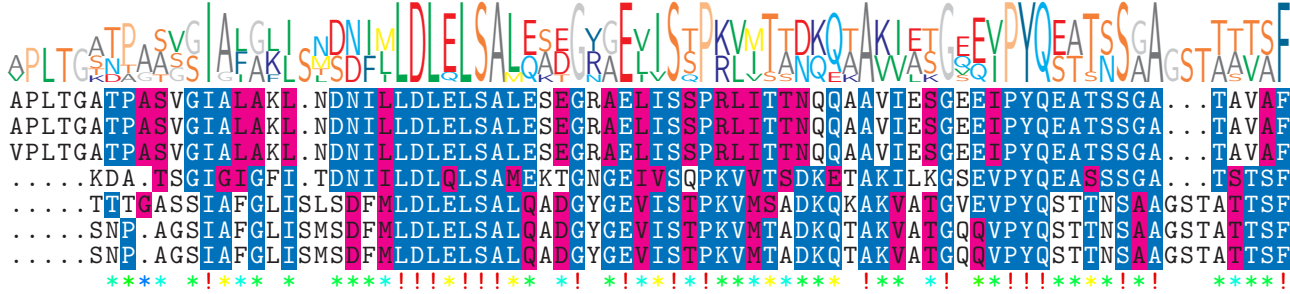
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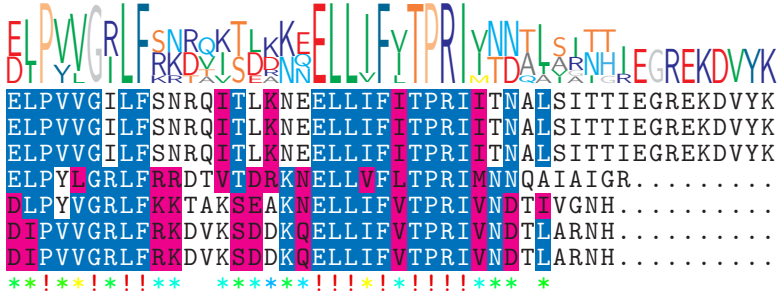
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consensus



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consensus



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714
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☐ non conserved
☒ similar
☒ ≥ 50% conserved