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NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIIAIILII..ISASISLAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIIAIILII..ISASISLAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK..	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLKQ..	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGLKQ..	77
NTDB id 169947 AXG94 RS17315 WP 055134867.1	MNRIIFTALGVSLW.IALMSPMVLGASLKTLDVAALPGDRVELKLTDFDGGPP.APHGYTTEQPARIALDLPGVTNQLPR..	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGSLRSLGIALL.AAMFAPALLAADLEKLDVAAALPGDRVELKLQFDEPVA.APRGYTTEQPARIALDLPGVQNKLTGT..	76
consensus	!* ** * ** * *** ** ** * ** ***** ! **** ! ** ***! !!!!!* * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVSYSLVLNGKSNDLFENS.....KEVFITNQV	145
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NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRRVVVNLKDAGAFTRTRVEGNVFIKINNISTAT.....PVAT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDAGAFTRTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 169947 AXG94 RS17315 WP 055134867.1	KTQDLGSGNARSATVVEAGERTRLIIIGLTQLVPYNTRIIEGNNLFVVVGKGAEPGTAAQV.....PRPA.AAGVMPARSK	149
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNREL SVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
consensus	* ** ** * !* ** *!!!!*****! *****! * **** * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
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NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 169947 AXG94 RS17315 WP 055134867.1	APAGRAIRGVDFQRGTQGEKNVVIDLSDPSTIAPDIQEREGKIILNFARTQLPEPLRVRLDVKDFATPVQFVNASAGSDRA	229
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
consensus	* *****!*** **!* !!!!!***** ****!***** ***** ** ****! ! **** * !!!!!* * * ** *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	RM TILSKGDYGHFVYQVNVKQFMVDVFPLTAAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
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NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQSTGSYEY MAYQAENKLTISLKRQPD.NVRLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSQQG	297
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQQSSGSYEY MAYQAENKLTISLKRQPD.KNVTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQQSSGSYEY MAYQAENKLTISLKRQPD.KNVTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 169947 AXG94 RS17315 WP 055134867.1	TISIEPGGTFDYSTYQTDNKLTVSVRPMTEVDLKRKRDTRAAYSGEKLSLNFQDIEVRSVLQLTADFTNLNLVASDVTQQG	309
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEP SGLYDYL VYQTDNRLTVSIKPMTTEDAEERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDVTQQG	316
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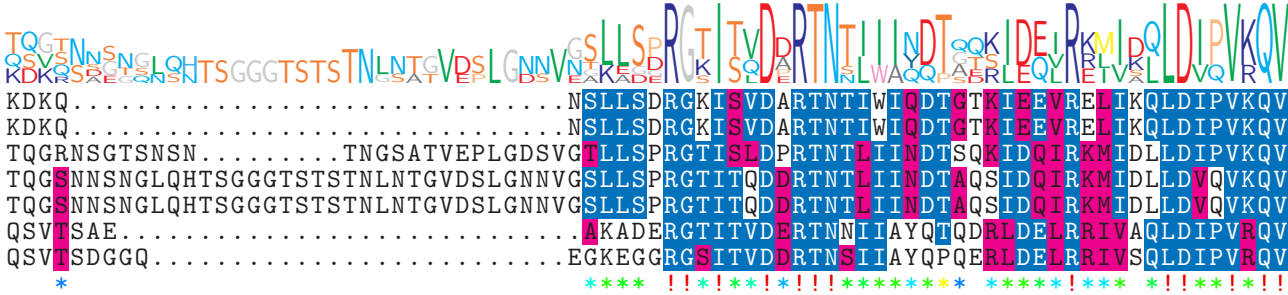
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consensus



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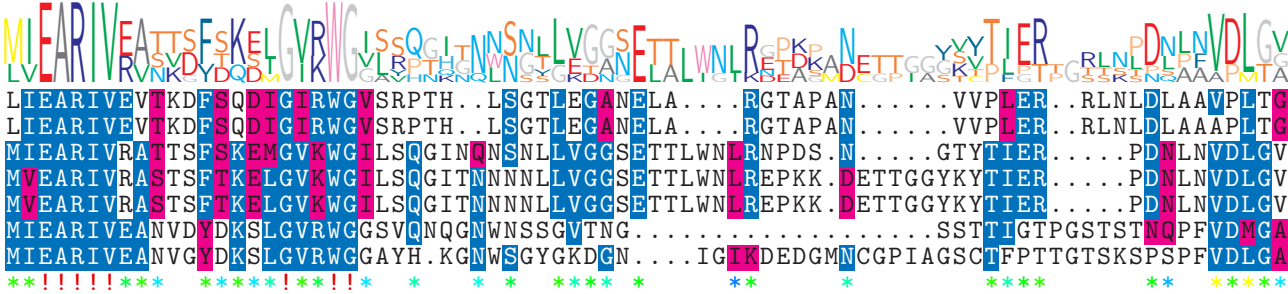
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consensus



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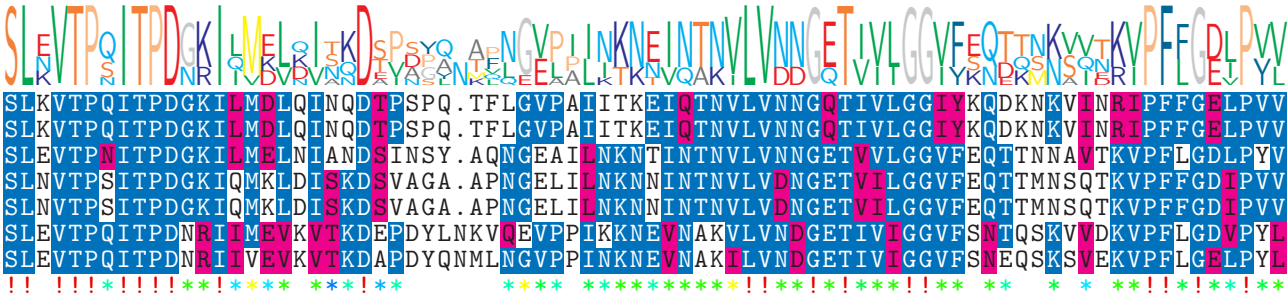
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consensus



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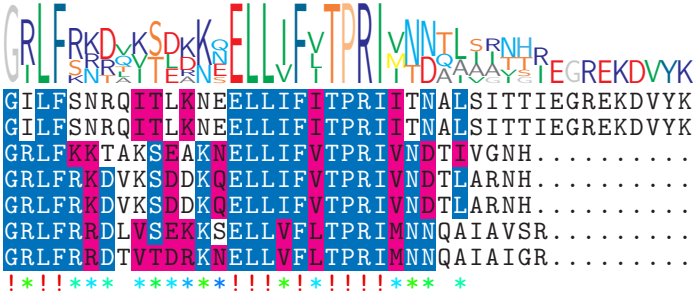
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consensus



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consensus



698
698
709
721
721
690
714

X non conserved
X similar
X ≥ 50% conserved