

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIIAILII..ISASISLAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIIAILII..ISASISLAYSKDNSLISVKVLPLENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK..	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPRLILDFDKAQGLKQ..	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMNTIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPRLILDFDKAQGLKQ..	77
NTDB id 278959 C4K38 RS02330 WP 053277123.1	MNRIIFSAGIALLWMAL.LSPMVMAASLKALDVAALPGDRLELKLTFDGPVP.EPRGYTTDQPARIALDLPGVASQLVVS..	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGSLRRLGIALLAAM.FAPALLAADLEKLDVAAALPGDRVELKLQFDEPVA.APRGYTTEQPARIALDLPGVQNKLGIT..	76
consensus	!* ** * ** *** ** ** * ** ***** ! **** ! ** ***! !!!!!* * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KTITVOTGEASVDVWSDGQRRLIVNLKDSGSYTRVEGNEFILVINSKOTAKPNS	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTITVOTGEASVDVWSDGQRRLIVNLKDSGSYTRVEGNEFILVINSKOTAKPNS	145
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLDKAGAFTRTRVEGNVFIKINNISTATPVA.....TSA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDTGAFTRTRVEGNVFIKINSQAQTSNKPLP.....VVS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKI SVATNEASSVDVTSDDQRSRLTVNLKDTGAFTRTRVEGNVFIKINSQAQTSNKPLP.....VVS.....	138
NTDB id 278959 C4K38 RS02330 WP 053277123.1	KSRDLGNGNARSVTVVESGQRTRVVVNLVALAPYSTRVVGNQLFVVIGQGATAAQSAAGLP.....DVAPGRAKAA	147
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELSVGNTRSVTVVEAKDRTRLITINLTTLSSYTRTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
consensus	* *** * * !* ** !*!****! * *****! * **** *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQCGIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 278959 C4K38 RS02330 WP 053277123.1	ASAGRSIRSVDFQRGEQGEGLVIDLSDSGMSPDIQERDGKLVLTFAKARLPEPLRVRLDVKDFATPVQFVVSARAESGKA	227
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEGLVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
consensus	* *****!*****! !!!!!***** ****!***** ***** * * ***! ! *!***** !!!!!!* * * ** *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	RM TILSKGDYGHFVYQVNVKQFMDVFPPLTAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
NTDB id 1284 ACE17W RS12370 WP 010946666.1	RM TILSKGDYGHFVYQVNVKQFMDVFPPLTAEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG	305
NTDB id 1009 ACIAD RS15175 WP 004923730.1	VISIQSTGSYEYMAQYAEENKLTISLKRQPDNV.RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSQQG	297
NTDB id 1039 HON27 RS01460 WP 031993779.1	VITIQSSGSYEYMAQYAEENKLTISLKRQPDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 1052 ABD1 RS15850 WP 001017033.1	VITIQSSGSYEYMAQYAEENKLTISLKRQPDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSQQG	296
NTDB id 278959 C4K38 RS02330 WP 053277123.1	IITIEPGGTFDYSTYQTDNKLTVSRPMTSGDLQKRNAERSAYNGEKLNSLNFQDIEVRSVLQLIADFTNLNLVASDVTQGG	307
NTDB id 1193 PAKAF RS26665 WP 003161249.1	SITIEPGLYDYLVTQTDNRLTVSIKPMTTEDAEERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDVTQGG	316
consensus	***! ***!***** !! ********** *	

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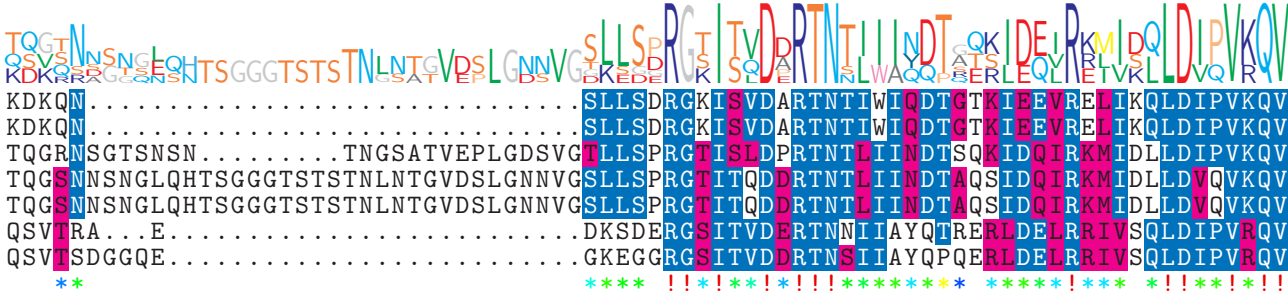
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consensus



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logo

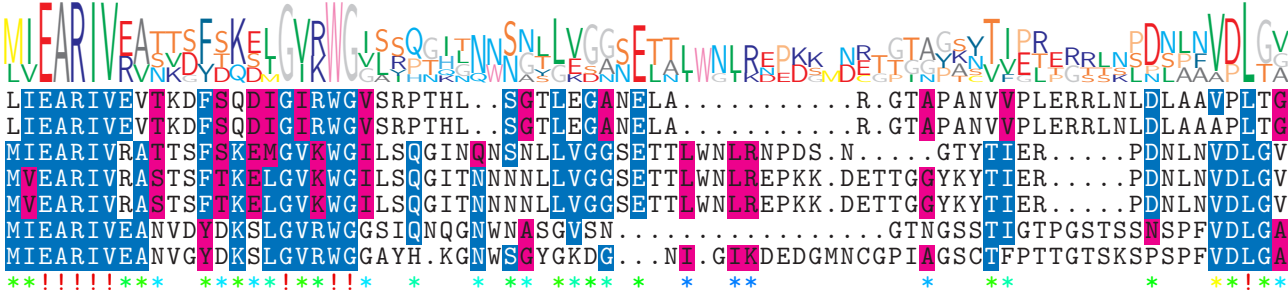
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consensus



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consensus



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logo

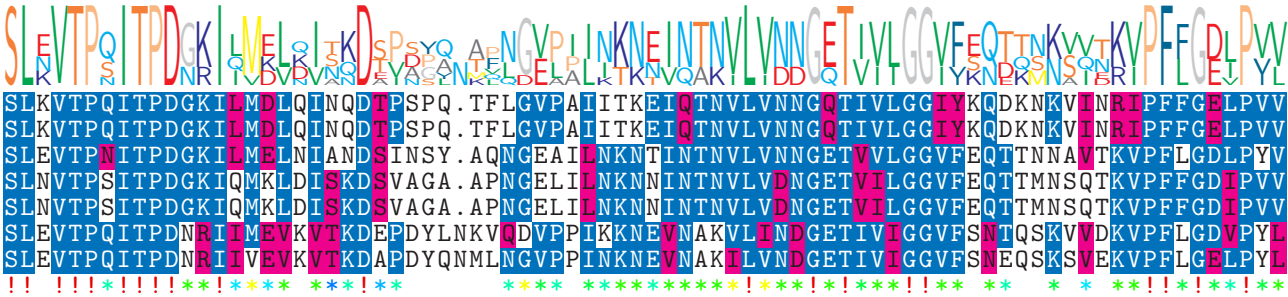
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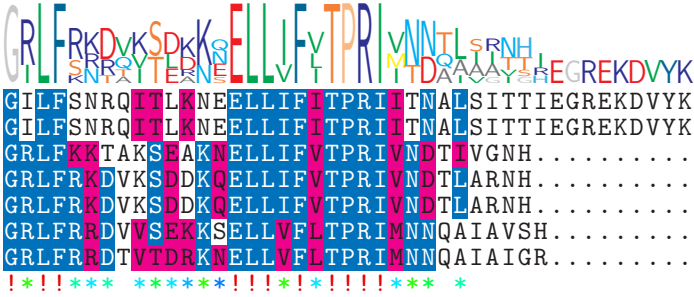
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consensus



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consensus



698
698
709
721
721
690
714

☒ non conserved
☒ similar
☒ ≥ 50% conserved