

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	.MRKTTIAILLI..LISASISLAYSKDNLSISVKVILPLPENRVRIIDFQFQSKPLKQLPASFITQKPPRLVLDFISTDMQTPSD	77
NTDB id 1284 ACE17W RS12370 WP 010946666.1	.MRKTTIAILLI..LISASLSMAYSKDNLSISVKVILPLPENRVRIIDFQFQSKPLKQLPASFITQKPPRLVLDFISTDMQTPSD	77
NTDB id 1009 ACIAD RS15175 WP 004923730.1	.MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPCGGTEIRVMFENGLPP.QPQAYQLEQPARLILDFDKAGTKLA..	76
NTDB id 1039 HON27 RS01460 WP 031993779.1	.MNHVFRQFSMGAVAIAIIMQAASAQVSMTNIVPMQIACGGTEIRVMFENGLPP.QPQAYQLENSRLILDFDKAQGGLK..	76
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.MNHVFRQFSMGAVAIAIIMQAASAQVSMTNIVPMQIACGGTEIRVMFENGLPP.QPQAYQLENSRLILDFDKAQGGLK..	76
NTDB id 988458 AAG562 RS21580 WP 342370107.1	MYDSTILTRLGVSLIAA.FISPTLLAANLNALDVAALPCDRVELKLADEPVA.SPRGYTLDDQPARIALDLPGVSNLGL..	76
NTDB id 1193 PAKAF RS26665 WP 003161249.1	.MNSGLSRLGLIALIAA.MFAPALLAADLEKILDVAAALPCDRVELKLQDEPVA.APRGYTIEQPARIALDLPGVQNKGLG..	75
consensus	* ** * ***** ** *** ** * * * ***** ! ** ! * * * * ! * * ! * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	QKTKTIQLGSLHSYNIVAVGDRVRAITIELDRSVSYSGTAGSVSLVLNGKSNDFENSK.....EVFITNQ	144
NTDB id 1284 ACE17W RS12370 WP 010946666.1	QKTKTIQLGSLHSYNIVAVGDRVRAITIELDRSVSYSGTAGSVSLVLNGKSNDFENSK.....EVFITNQ	144
NTDB id 1009 ACIAD RS15175 WP 004923730.1	KSLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFTRVEGNVFIILKINNISTAT.....PVATS.....	137
NTDB id 1039 HON27 RS01460 WP 031993779.1	QSKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTRVEGNTHILKINSAQTSNK.....PLPVV.....	137
NTDB id 1052 ABD1 RS15850 WP 001017033.1	QSKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTRVEGNTHILKINSAQTSNK.....PLPVV.....	137
NTDB id 988458 AAG562 RS21580 WP 342370107.1	AKNRELGVGNARSVTVVEAQRTRLIVNLTTLVPSYSTRVEGNMLFVVGEGAGNRSSVSV.AAAAPAAAS.....SVD	149
NTDB id 1193 PAKAF RS26665 WP 003161249.1	TKNREL SVGNTRSVTVVEAKDRTRLINLTTLSSYTRVEGNMLFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKP	155
consensus	** *** ** * !* ** !*!*****! * * ***** *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VVNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVCKEIVVNFINTKIPLNLMKRYDVSDFHSPVQIITMQQEGKK	224
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VVNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVCKEIVVNFINTKIPLNLMKRYDVSDFHSPVQIITMQQEGKK	224
NTDB id 1009 ACIAD RS15175 WP 004923730.1	APAPQQCIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRREPQKIPTHLARRLNTDFATPVASIDSYNDGSN	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	S.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTITGTKIPTHLARRLVNDFATPVSSIDAYNDKGV	216
NTDB id 1052 ABD1 RS15850 WP 001017033.1	S.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTITGTKIPTHLARRLVNDFATPVSSIDAYNDKGV	216
NTDB id 988458 AAG562 RS21580 WP 342370107.1	SLKIGKTIENVDFRRGDDGACNVVITLSDPSVSPTIEEQCGRIIRVVFAKTQLPESLRVRLDVQDFATPVKFVDASARA GS	229
NTDB id 1193 PAKAF RS26665 WP 003161249.1	YVPAGRAIRNIDFQRGEKGEGNVVVIDLSDPTLSPDIEEQGGKIRIDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDR	235
consensus	* ** ***!***** **! !*****! ***** * * ***! ! *!*** !**!!* *** **	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VRMTILSKGDYGHFVYQVVKQFMVDVFPLTAEHIRQAKLKKQVFTGKRIISLNFQNISTRAVLQLLADFTGINMVVSDKVQ	304
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VRMTILSKGDYGHFVYQVVKQFMVDVFPLTAEHIRQAKLKKQVFTGKRIISLNFQNISTRAVLQLLADFTGINMVVSDKVQ	304
NTDB id 1009 ACIAD RS15175 WP 004923730.1	GVISIQSTGSYBYMAYQAENKLTISLKRQDNV.RLNSKNNQNYTCKKISLDFQDIEVRRVLQLLADFTGINMVTADSVQ	296
NTDB id 1039 HON27 RS01460 WP 031993779.1	GVITTIQSSGSYBYMAYQAENKLTISLKRQDNV.VTSLYKTPNYSCKNLSLDFQDIEVRRVLQLLADFTGINMVAADSVQ	295
NTDB id 1052 ABD1 RS15850 WP 001017033.1	GVITTIQSSGSYBYMAYQAENKLTISLKRQDNV.VTSLYKTPNYSCKNLSLDFQDIEVRRVLQLLADFTGINMVAADSVQ	295
NTDB id 988458 AAG562 RS21580 WP 342370107.1	ASIAIEPTGRYDYLAQTDNNLTVSVKPIEDEHADKRKADRFAYSCKEKLISLNFQDIDVRSVLQLIADFTDNLVASDTS	309
NTDB id 1193 PAKAF RS26665 WP 003161249.1	TSITIEPSGLYDYLVIYQTDNRLTVSKPMTIEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDNLVASDTS	315
consensus	* **! **! !*****! ***** * * ***! **!!**!!*! *! !!!!!*!!!!*!***!*	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
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consensus



384
384
376
375
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389
395

logo

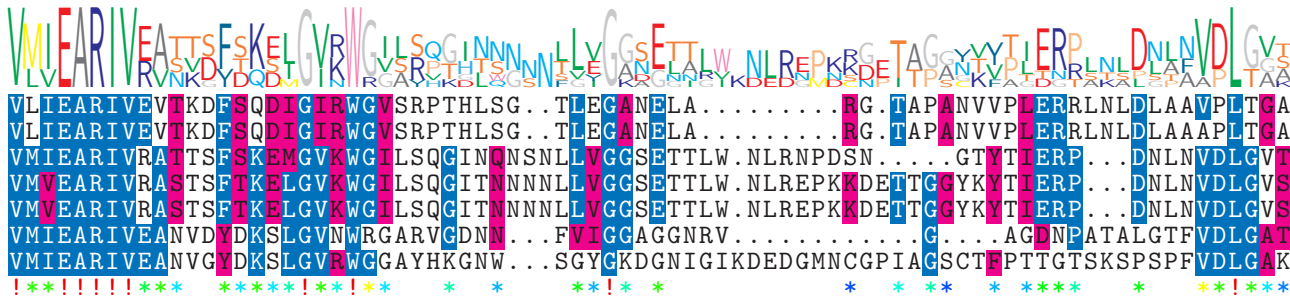
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NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus



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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
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NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus



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518
531
531
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logo

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consensus



577
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598
610
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logo

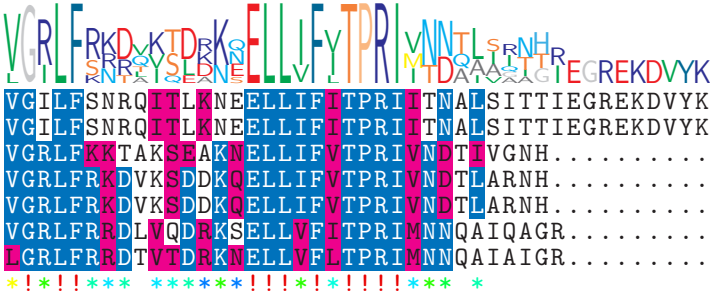
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consensus



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675
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logo

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consensus



698
698
709
721
721
691
714

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved