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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKCSIMKLCEK.TDTRISTVPSGSLALDTALGIGGYPRGR	58
NTDB id 1118380 ELZ65 RS13050 WP 002287328.1	MADDRKAALDAALKKIEKSYGKCSIMKLCEK.IDQQISTIPSGSLALDVALGVGGYPRGR	59
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKCSIMRMCEK.VDTQVSTVSSGSLALDEALGVGGYPRGR	60
NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGAERDKALADALALIEKDFGKCSIMRLCEA.ANQKVSVSSGSLALDTALCAGGYPRGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
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NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKCSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGTIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MDENKRRSLDAALKSLDKTFGKCTILRLCDK.EVEQIDSIGTGSVGLDLALCIGGVPRGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDISTGSLGLDLALCIGGVPRGR	61
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NTDB id 1334 RA0C RS04870 WP 004918236.1	MAKT..ETTSPPNDKKKALAALVLEKLDKTYGKCTVMKLCGTVVDHNEVIPSLSLGLDLALGVGGYPKGR	68
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSTGSLGLDLALCIGGLPKGR	59
consensus	*** ** *	

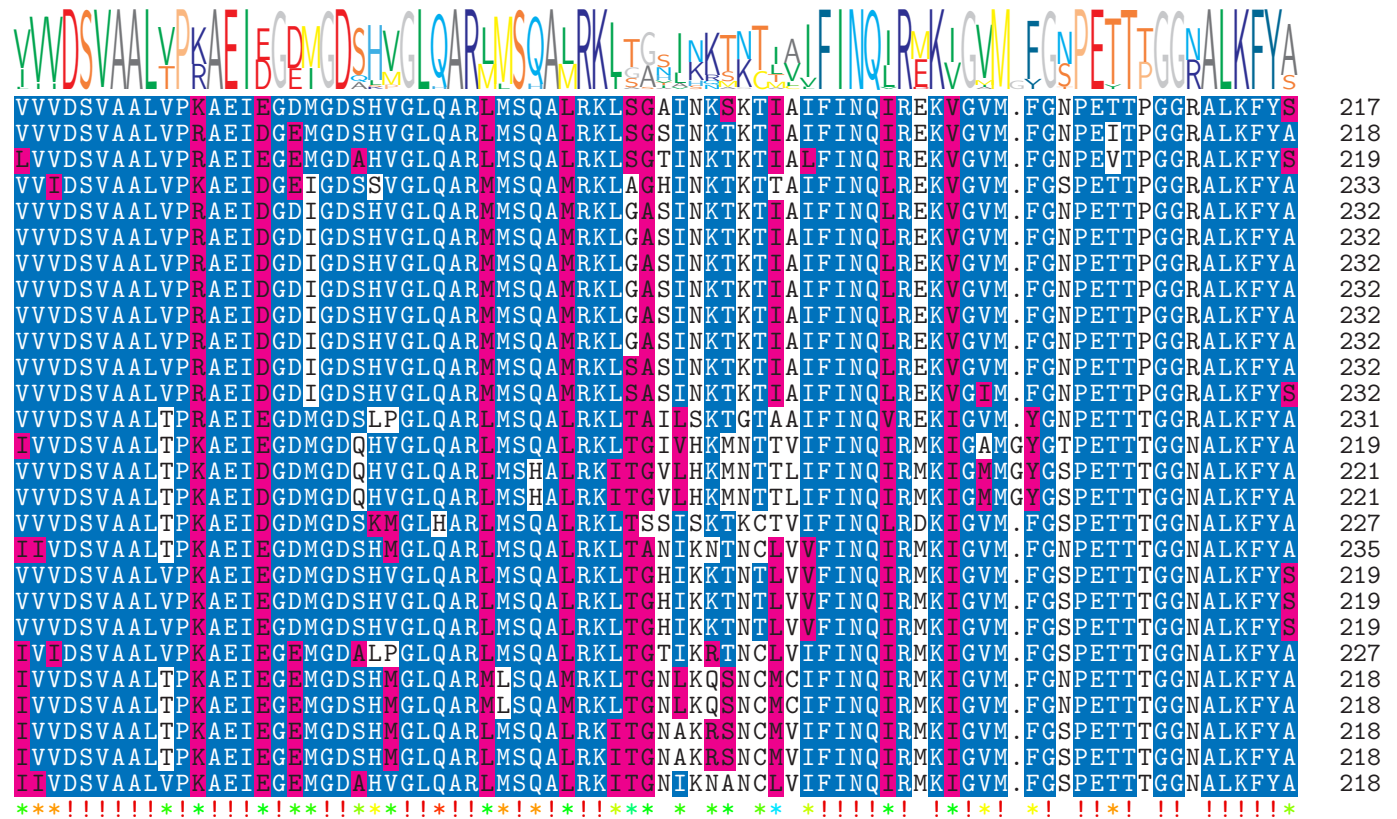
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NTDB id 625 LCA RS02525 WP 011374196.1	IVEIYGP	ESSGKTT	VALHATAEV	QKGGTA	AYIDAEN	ALDPKY	ATAL	LGVMIDELL	SQPD	GEQGLEIA	DALV	SSGAVD	I	140			
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NTDB id 228 SPD RS09265 WP 001085462.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAE	HALDP	PAYAAAL	LGVMIDELL	SQPD	SGEQGLEI	AGKLID	SGAVD	L	153			
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NTDB id 499 SM12261 RS08315 WP 078228268.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAE	HALDP	PAYAAAL	LGVMIDELL	SQPD	SGEQGLEI	AGKLID	SGAVD	L	153			
NTDB id 453 Spy49 1753c ACI62003.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAE	HALDP	PAYAAAL	LGVMIDELL	LAQPD	SGEQGLEI	AGKLID	SGAVD	L	153			
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	IVEIYGP	ESSGKTT	TLSLIIAQA	QKGNKTC	AFIDAE	HALDP	VYARNL	LGVMIDELL	VSQPD	NGEQALEI	CDAL	VR	SGAVD	V	156		
NTDB id 1130 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LLEAVAQC	QKNNGVC	AFVDAE	HA	FD	PVYARKL	GVKVEEL	YL	SQPD	GEQALEI	CDTL	VR	SGGID	M	140
NTDB id 1124 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LLEAVAQC	QKNNGVC	AFVDAE	HA	FD	PVYARKL	GVKVEEL	YL	SQPD	GEQALEI	CDTL	VR	SGGID	M	140
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	IVEIFGP	ESSGKTT	LLELIAAA	QREBKTC	AFIDAE	HALDP	VYAKKL	LGVMIDELL	VSQPD	GEQALEI	CDAL	AR	SGAVD	V	139		
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consensus	***!***!!!!*!!!!*!	***!	!* **	!***!!!!*!* *!	!!	!!****!!*!!*!!	!!	!!****!!*!!*!!	!!	!!*!!*!!	!!*!!	!!*!!*!!	!!*!!*!!	!!			

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consensus

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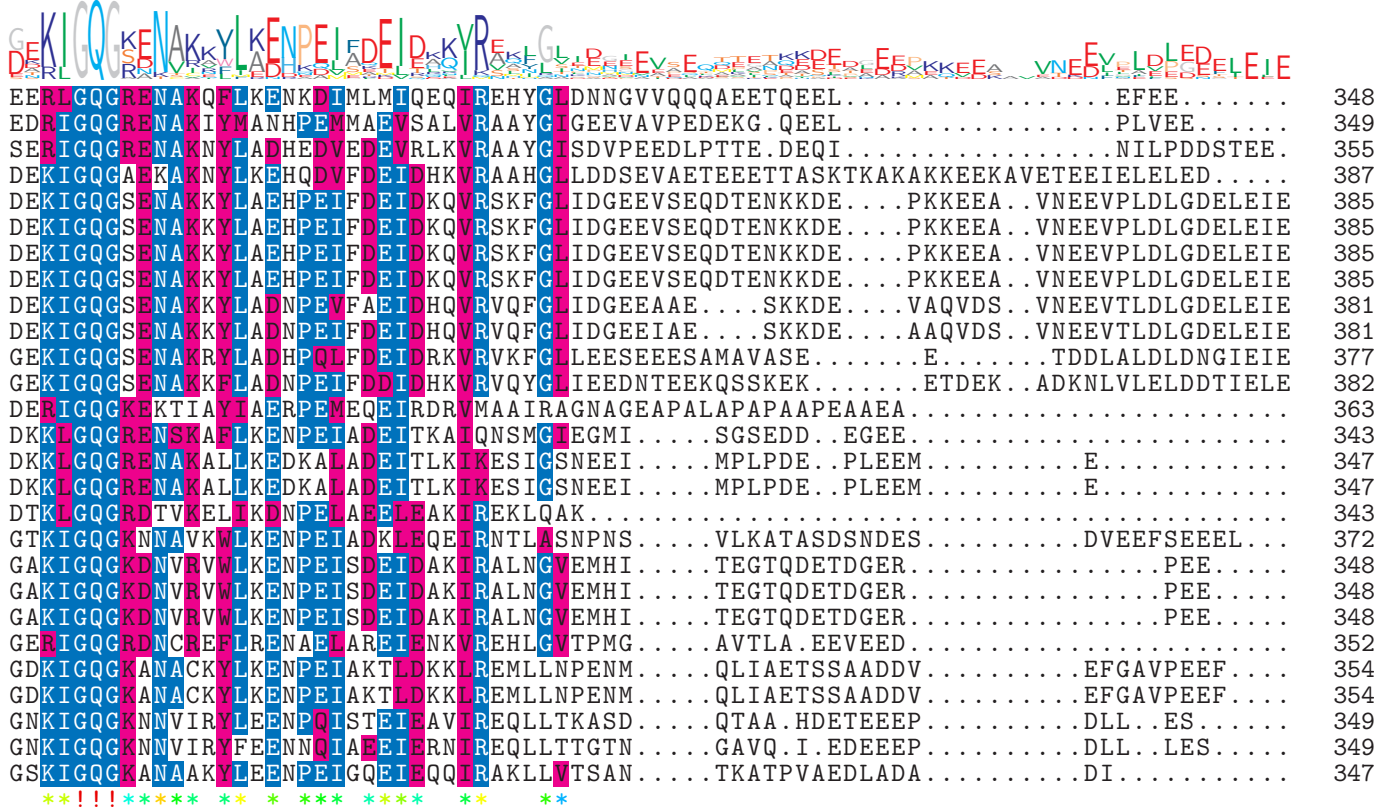


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consensus	**!* **!* *	* * * * * ! * * ! ! ! * ! * ! * *	* * * * * ! * ! * * * * * * * * * * ! ! * * * * !			

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consensus



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consensus			

- non conserved
- similar
- ≥ 50% conserved