

logo



NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGERAE.AAN.QKVS	VSSGSLALDI	ALGAGGYPKGR	74					
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGEERDKALNDALKLI	IEKDFGKGSIMRLGERAE.QKVQVMSSGSLALDI	ALGSGGYPKGR	73					
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK.....PKKLEEISKKFGEERDKALNDALKLI	IEKDFGKGSIMRLGERAE.QKVQVMSSGSLALDI	ALGSGGYPKGR	73					
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGEERDKALNDALKLI	IEKDFGKGSIMRLGERAE.QKVQVMSSGSLALDI	ALGSGGYPKGR	73					
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK.....PKKLDEISKKFGEERDKALNDALKLI	IEKDFGKGSIMRLGERAE.QKVQVMSSGSLALDI	ALGSGGYPKGR	73					
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NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLG	EKTD.TRISTVPSGSLALDI	TALGIGGYPKGR	58					
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRM	GKVD.TQVSTVSSGSLALDEALGVGGYPRGR		60					
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKATETAMSQIE	KAFGKGSIMKLGAEK.LDVQVSTGSLSLDL	ALGVGGIPRGR	72					
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS LDKT	FGKGTILRLGDKV.EQIDSIGTGSVGLDL	ALGIGGVPKGR	59					
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGAIVRLGDKQV.EKIDAISTGSLGLDL	ALGIGGVPKGR	61					
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGAIVRLGDKQV.EKIDSISTGSLGLDL	ALGIGGVPKGR	61					
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAK..TETTSNDDKKKALAAVLEK LDKT	YKGTVMKLGDTVDHNIIEVIPS	SGSLGLDLALGVGGYPKGR	68					
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSNNNT..VVKQVEPEKQKQALEAALA	QIEKQFGKGSIMKLGQTEQ.LDIESVSTGSLGLDL	ALGIGGLPMGR	76					
NTDB id 1427 RS RS02760 WP 011000510.1	.ME.....DG..KKAASMSAEKQKALAAALA	QIEKQFGKGSIMKMGDAEV.EPVQVSTGSLGLD	VALGVGGLPRGR	68					
NTDB id 71540 DLM RS13035 WP 089085967.1	.....MASEDKSRALAAALAQIEKQFGKGSIMR	MSDNQINENLQVSTGSLGLDLALGVGGLPRGR		61					
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRL	GDNR.MDVETISTGSLSLDI	ALGAGGLPMGR	59					
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRL	GDNR.MDVETISTGSLSLDI	ALGAGGLPMGR	59					
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKQRALAAALGQIEKQFGKGAIVRM	GDHNR.QAIPSI	STGSLGLDI	ALGIGGLPKGR	59				
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDENKSKALQAALSQIEKQFGKNTVMRL	GDNTV.QAVEAVSTGSLTLDI	ALGIGGLPKGR	59					
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALSQIEKQFGKNTVMRL	GDNTV.QAVEAVSTGSLTLDI	ALGIGGLPKGR	59					
consensus	*** **	***	**	***!	*!!*****	*	***!!*!!*!!*!!	!!	***!



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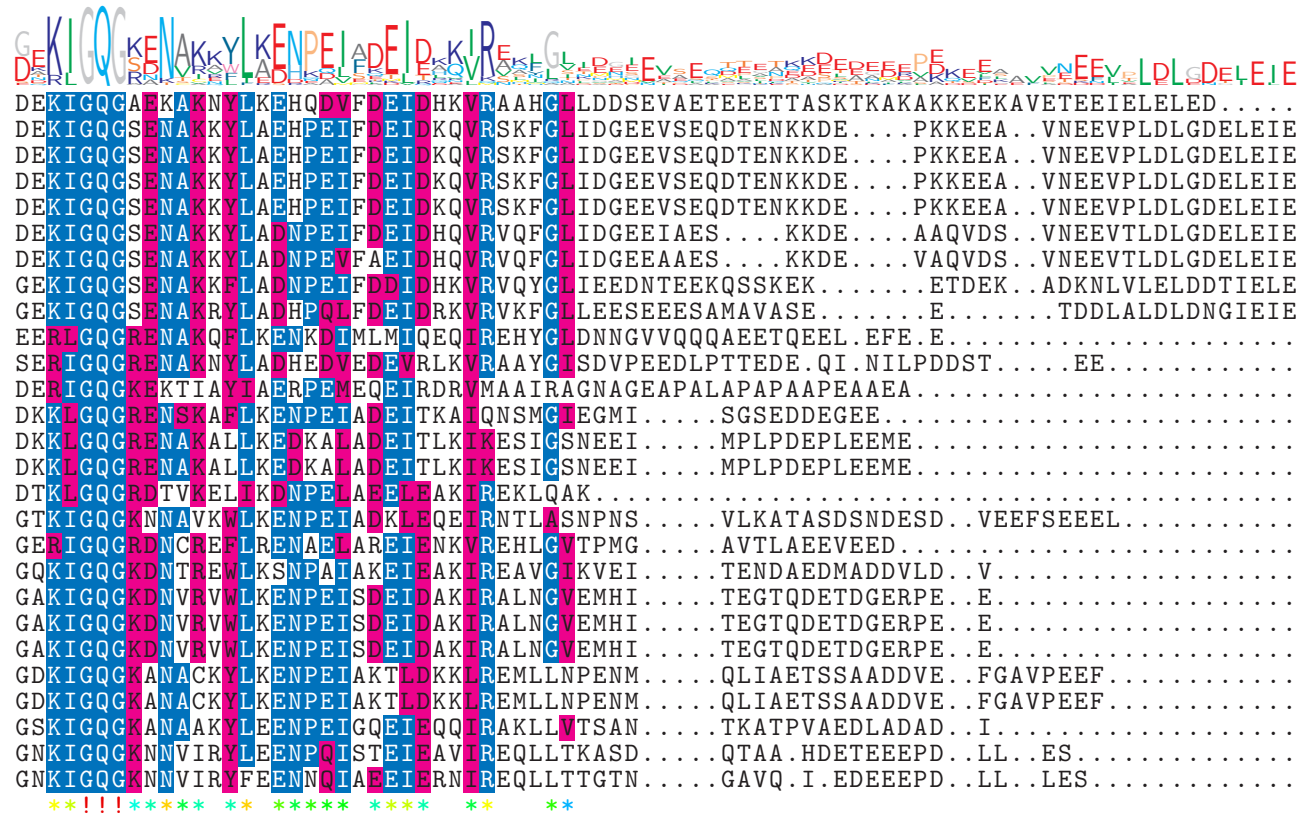


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NTDB id 269 KZH43 RS08665 WP 001085462.1	V	V	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	D	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232		
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	I	V	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	E	M	G	D	S	H	M	G	L	Q	A	R	L	M	S	Q	A	L	R	K	I	T	G	N	A	K	R	S	N	C	M	V	I	F	I	N	Q																													



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NTDB id 600 KW2 RS01765 WP 011675413.1  
 NTDB id 269 KZH43 RS08665 WP 001085462.1  
 NTDB id 228 SPD RS09265 WP 001085462.1  
 NTDB id 194 SPR RS08825 WP 001085462.1  
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 NTDB id 1022 ACIAD RS06390 WP 004925639.1  
 NTDB id 1074 ABD1 RS10195 WP 000344167.1  
 consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383
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NTDB id 625 LCA RS02525 WP 011374196.1	...	355
NTDB id 1313 DR RS12030 WP 010888966.1	...	363
NTDB id 1245 Cj1673c YP 002345041.1	...	343
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NTDB id 1211 C694 RS00795 WP 000963128.1	...	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	...	343
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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349

consensus

 non conserved  
 similar  
 ≥ 50% conserved