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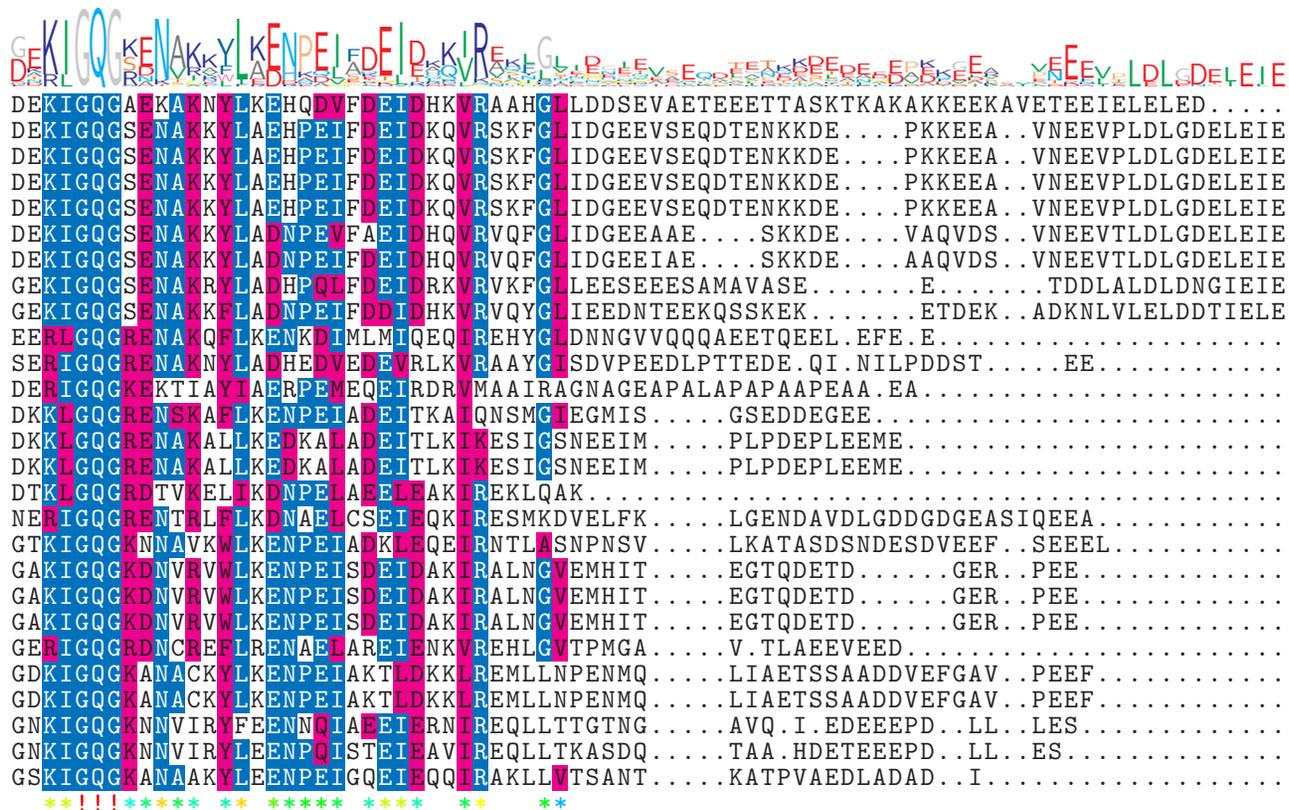


NTDB id 600 KW2 RS01765 WP 011675413.1MATKKKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.....MAKKPKKLEEISKKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.....MAKKPKKLEEISKKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.....MAKKPKKLEEISKKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1MAKKPKKLEEISKKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
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NTDB id 499 SM12261 RS08315 WP 078228268.1MAKKPKKLDEISKKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.....MAKKLKKNEEITKKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.....MAKRIKKTEEITKKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQ	FGKGSIMKLG	EK.TDTRISTVPSGSLALDI	TALGIGGYPRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKN	FGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGYPRGR	60		
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKAT	ETAMSI	EKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDLALGVGGIPRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPRGR	59		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDDKQKATISLAIKQID	KVFGKGA	LVRGDK.QVEKID	ISTGSLGLDLALGIGGVPRGR	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDDKQKATISLAIKQID	KVFGKGA	LVRGDK.QVEKID	ISTGSLGLDLALGIGGVPRGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1M.AKTETTS..PND	DKKALAAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDLALGVGGYPRGR	68	
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NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALQIEKS	FGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60			
NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALQIEKS	FGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60			
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NTDB id 1142 GTF74 RS11550 WP 000344154.1MDENKQKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKS	KALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENK	RALAAALGQIEKQ	FGKGAVMRMGDH	.DRQAIPSISTGSLGLDI	ALGIGGLPKGR	59	
consensus		** **	**	***!	***!*****	*	***!***!***!***!***!***!***!

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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
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 1313 DR RS12030 WP 010888966.1
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 NTDB id 35463 FISUC RS11935 WP 014546999.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
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 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1205 PSJM300 05545 AFN77183.1

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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
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NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
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consensus

 non conserved
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 ≥ 50% conserved