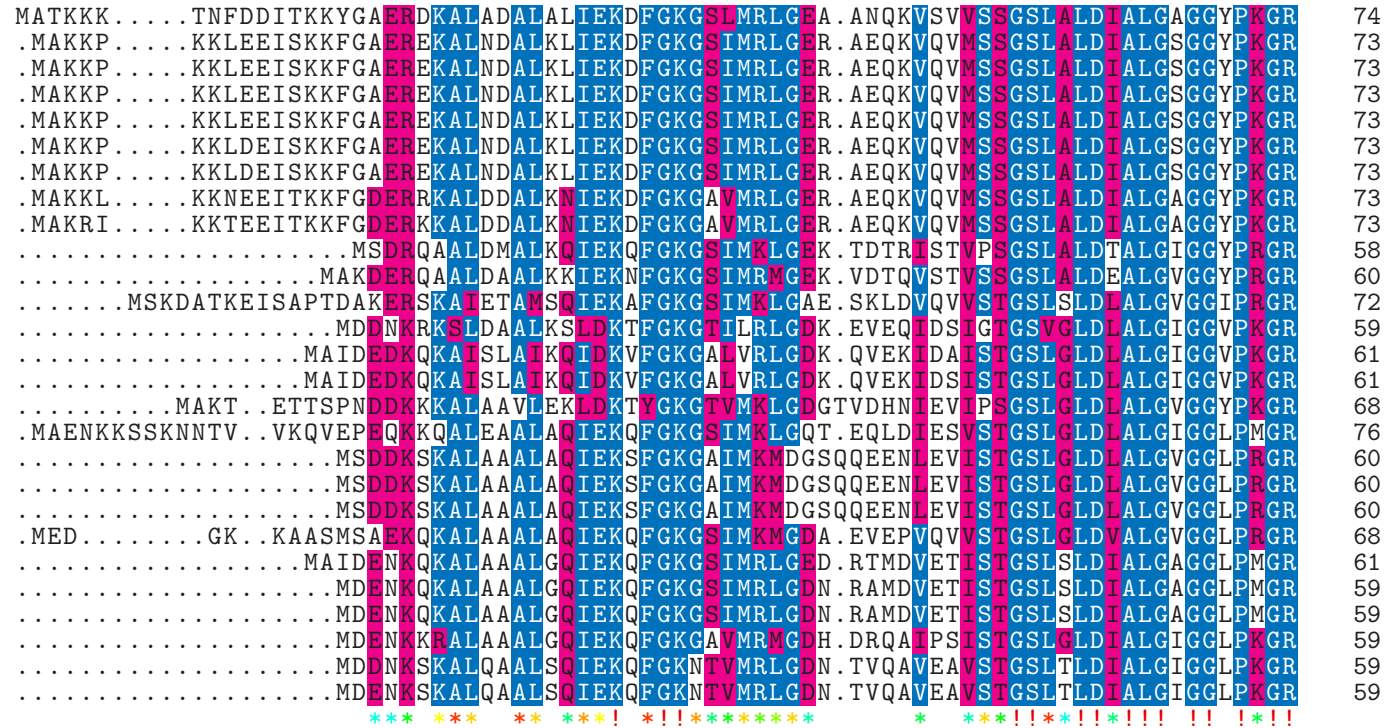


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NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
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NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
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NTDB id 1334 RAOC RS04870 WP 004918236.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKKEEK	AVETEEIELELED		387	
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NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	DE....PKKEEA	.VNEEVPLDLGDELEIE		385	
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	DE....PKKEEA	.VNEEVPLDLGDELEIE		385	
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	DE....PKKEEA	.VNEEVPLDLGDELEIE		385	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	IDGEEAAE....SKKDE	VAQVDS	.VNEEVTLDLGDELEIE		381	
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	IDGEEIAE....SKKDE	AAQVDS	.VNEEVTLDLGDELEIE		381	
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E.....	TDDLALDLDNGIEIE		377	
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSSKEK	DHKEK	.VNEEVTLDLGDELEIE		382	
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENKDIM	LMIQEQIREHYGL	DNNGVVQQAEETQEEL	.EFE.E.....			348	
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTEDE	.QI.NILPDDST	EE.....		355	
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIAIYIAERPEME	QEIRDRVMAAIRAGN	AGEAPALAPAPAA	.PEAAEA.....			363	
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKAL	ADEITLKIKESIGS	NEEIMPLPDEP	.LE.EME.....			347	
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKEDKAL	ADEITLKIKESIGS	NEEIMPLPDEP	.LE.EME.....			347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIKDNPE	LAELEAKIREKLQAK					343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEIA	DKLEQEIRNTLAS	NPNSVLKATAS	.D...SNDES	DVEEFSEEE	.L.....	372	
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NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	RDNCREFLRENAEL	AREIENKVRHL	GVTMPGAVTLAE	.VE.ED.....			352	
NTDB id 301137 DR191 RS05410 WP 002914769.1	GDKIGQG	KANAITWLKENPAAAK	EIEKKVRELL	LNNQDAKPD	.FV..VD.GND	AEETE	QDF.....	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIA	KTLDKKLREML	LNPNENMQLI	.AE.....	TSSAADD	VEFGAVPEEF		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIA	KTLDKKLREML	LNPNENMQLI	.AE.....	TSSAADD	VEFGAVPEEF		354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAAYYLEENPEI	GIEEQIRAKLL	TSANTKA	.TP..VA.ED	LADADI		347	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRYLEENPQ	ISTEIEAVIREQL	LTAKASDQTA	.A...HD.ET	EEEPDLLES		349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENN	QIAEEIERN	IREQLLTGTNGAV	.Q...I..E	DEEED	DLLES		349
consensus	***!!!	*****	**	*****	*****	**	*		

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consensus

 non conserved
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 ≥ 50% conserved