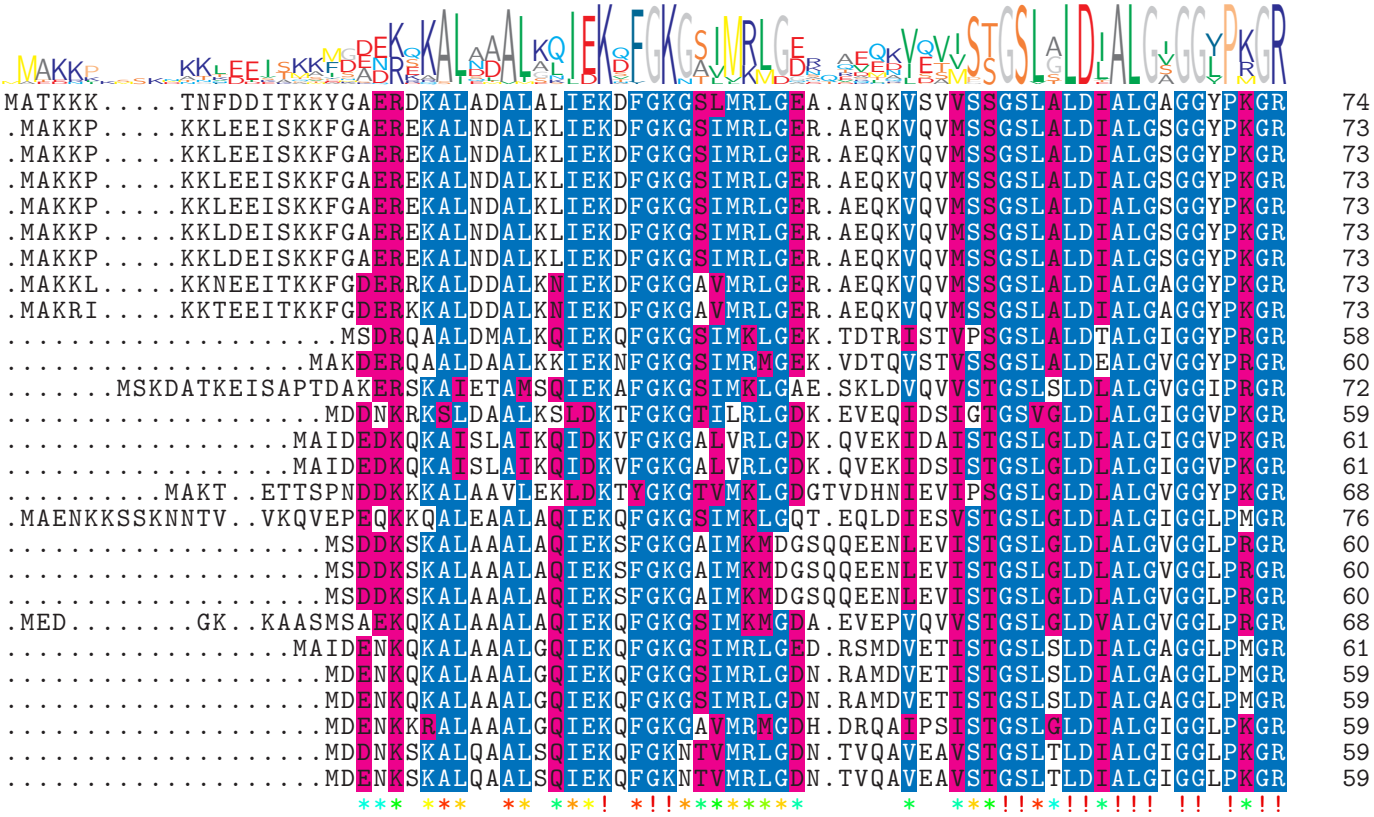


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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETTA	...	SKTKAKAKKEEKAVETEEIELELED	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	LIDGEEAAE	...	SKK...DE...VAQVDS..VNEEVTLDLGDE	377
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	LIDGEEIAE	...	SKK...DE...AAQVDS..VNEEVTLDLGDE	377
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEESAMAVASE	...	E.....TDDLALDLNG	373
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSSKEK	...	ETDEK..ADKNLVLELDDT	378
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENKDIMLMIQE	QIREHYGL	DNNGVVQQAEETQE	...	EL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTEDE	...	QI.NILPDDST.....EE.....	355
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKALADEITLKI	KESIGSNEEI	...	MPLPDE..PLEEME.....		347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKEDKALADEITLKI	KESIGSNEEI	...	MPLPDE..PLEEME.....		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIKDNPELAELEAKI	IREKLQAK	...			343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEIADKLEQE	IRNTLASNPNS	...	VLKATASDSNDESDVEEFS.....EEEL.....		372
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NTDB id 412544 GJV84 RS05595 WP 003037330.1	GEKIGQG	KANATNWLKENPATAKEIEKKL	RELLLNQDS	...	TPDFSVDSDGEDV..KETN.....EDF.....		354
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIAKTLDKKL	REMLLPENM	...	QLIAETSSAADDVVEFGAVP.....EEF.....		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIAKTLDKKL	REMLLPENM	...	QLIAETSSAADDVVEFGAVP.....EEF.....		354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAAYLEENPEIGQIEEQ	IRAKLLVTSAN	...	TKATPVAEDLADADI.....		347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRYLEENPQISTEIEAV	IREQLLTASD	...	QTAA.HDETEEEPDLLES.....		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENNQIAEEIERN	IREQLLTGTN	...	GAVQ.I.EDEEEPDLLES.....		349
consensus	***!!!*****	**	*****	*****	**	**	

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
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NTDB id 1074 ABD1 RS10195 WP 000344167.1		349
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved