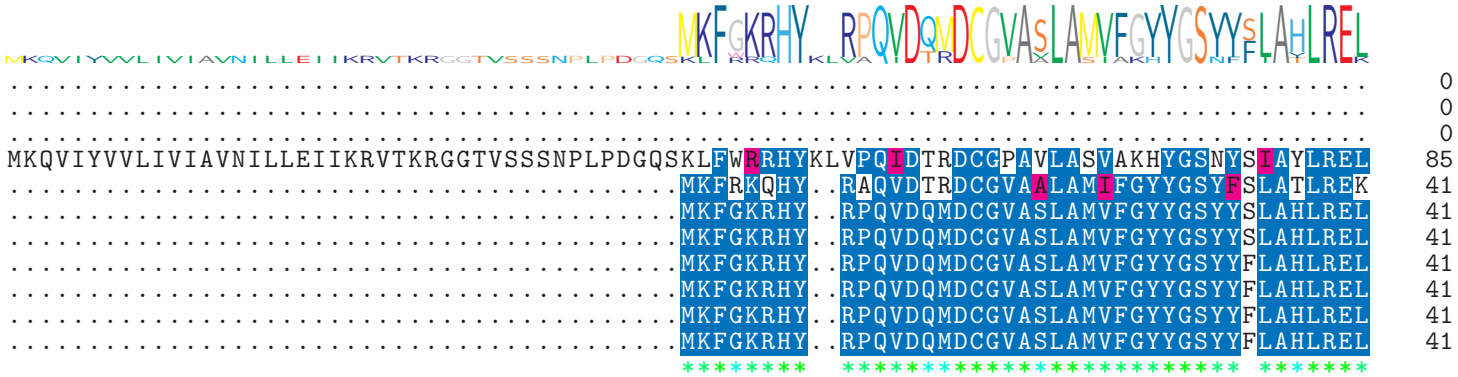


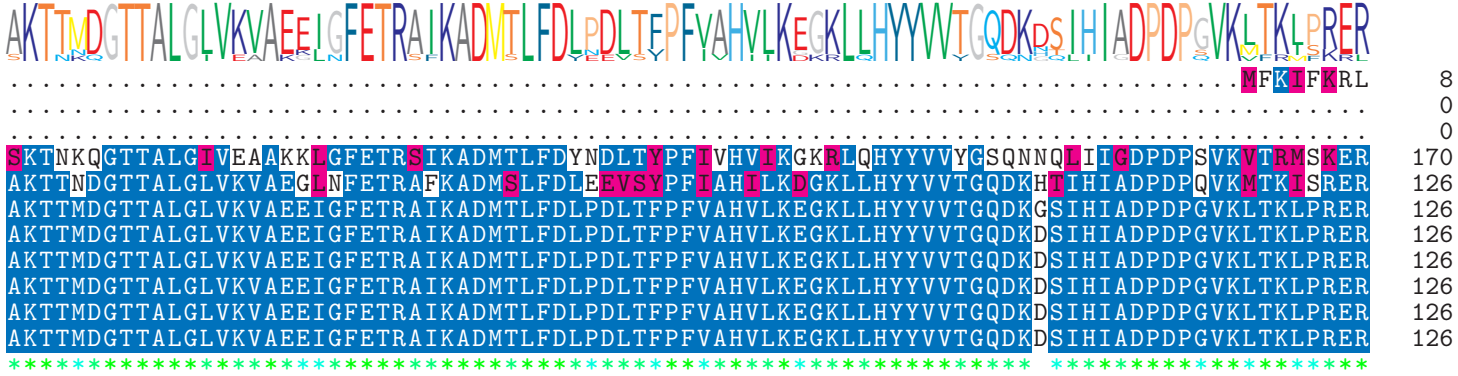
logo

NTDB id 369 SMU RS04255 WP 002263293.1
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 64383 RSIB RS06835 WP 004996409.1
NTDB id 358 SMU RS01425 WP 002263523.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus



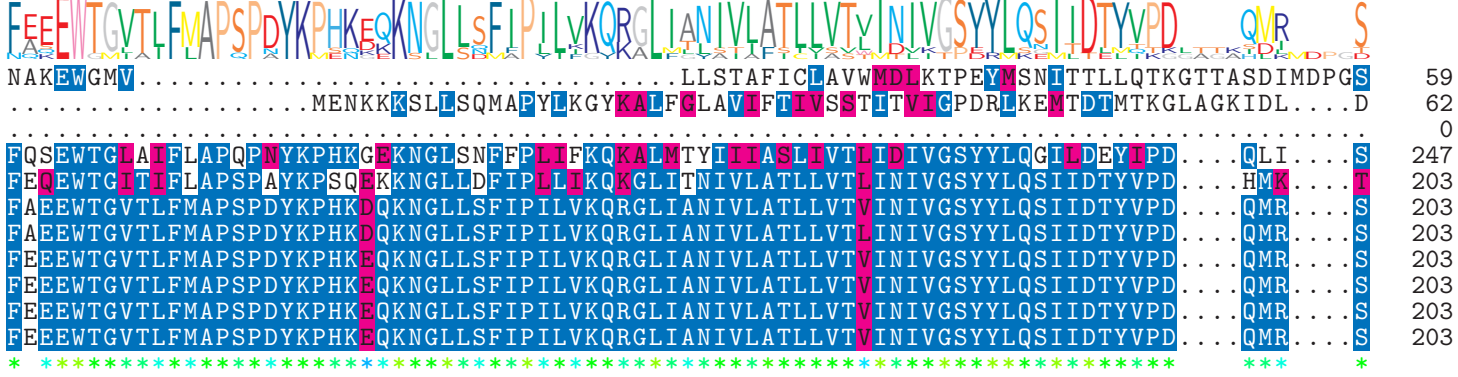
logo

NTDB id 369 SMU RS04255 WP 002263293.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus



logo

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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus



NTDB	id	369	SMU	RS04255	WP	002263293.1	KMLMFSFGS...FFMAVLVGFLA...SRTAASFITRLRSD...LFNRVMDYSEAEIKKFSIPSL	125
NTDB	id	370	SMU	RS04260	WP	002263294.1	KIGETALTLLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDS...HSQGLTL	143
NTDB	id	64383	RSIB	RS06835	WP	004996409.1		0
NTDB	id	358	SMU	RS01425	WP	002263523.1	TLGMITITGLIITTYITQQVMAFAKEYLLAVLSLRLVIDVILSYIKHIFTLPMSFFAT...RRTGEITSRFTDANQIIDAFAST	327
NTDB	id	421	SGO	RS10260	WP	012131060.1	TLGMISIGLIIVYILQQFLSYAQEYLLVLGQRLSIDVILSYIKHVFQLPMSFFAT...RRTGEIVSRFTDANRIIDALAST	283
NTDB	id	511	SMK321	RS10730	WP	000668322.1	TLGIISIGLVIVYILQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
NTDB	id	483	SM12261	RS00275	WP	000668315.1	TLGIISIGLVIVYILQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
NTDB	id	131	SP	RS00255	WP	000668284.1	TLGIISIGLVIVYIFQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
NTDB	id	247	KZH43	RS00220	WP	000668290.1	TLGIISIGLVIVYILQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
NTDB	id	206	SPD	RS00235	WP	000668290.1	TLGIISIGLVIVYILQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
NTDB	id	171	SPR	RS00230	WP	000668290.1	TLGIISIGLVIVYILQQILSYAQEYLLVLGQRLSIDVILSYIKHVFHLPMSFFAT...RRTGEIVSRFTDANSIIDALAST	283
consensus							*****	*****

NTDB	id	369	SMU RS04255 WP 002263293.1	.QIMIVMGMQVVRGPIMAVWALTKIWGKSDEWTGA.V.GAVL...IVFTMLSVLMFVA...FPQRQVQSLTDAINSTITRESLT	202
NTDB	id	370	SMU RS04260 WP 002263294.1	VSMVA..AIILLIGSIFMMIK.....T....NGALAATAALLSVFAGFVLSTVIIMAKSQPLFKKQANLA...DVSgyVEEVYS	212
NTDB	id	64383	RSIB RS06835 WP 004996409.1		0
NTDB	id	358	SMU RS01425 WP 002263523.1	FSIFLDMTMVILVGGVLL..A.....Q.....NNNLFfLTLL...SIPIYATIIIFAFLKPFEKMNHVME\$NAVVSSSIIEDIN	396
NTDB	id	421	SGO RS10260 WP 012131060.1	LSIFLDVSIIVSIIAIVLF..S.....Q.....NSSLFFLTLL...GIPIYALIIFFLMKPFCKMHETMEANSLSSSIIEDIN	352
NTDB	id	511	SMKS321 RS10730 WP 000668322.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFMTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
NTDB	id	483	SM12261 RS00275 WP 000668315.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFfTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
NTDB	id	131	SP RS00255 WP 000668284.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFMTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
NTDB	id	247	KZH43 RS00220 WP 000668290.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFMTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
NTDB	id	206	SPD RS00235 WP 000668290.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFMTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
NTDB	id	171	SPR RS00230 WP 000668290.1	LSIFLDVSTVVIIISLVLF..S.....Q.....NTNLFFMTLL...ALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDIN	352
consensus				* * * * *	

NTDB id	369	SMU RS04255 WP	002263293.1	GVRVVRAYNAEDYQDTKFKRENK NLT... KLNLLVYRLMSLMNP VMTVSSGLT L A T Y W I G A Y L L N D I K I P M T S V T A A K G A I A D	283
NTDB id	370	SMU RS04260 WP	002263294.1	GHNVVSSYNAIQQSKKKFENLNDQLFASMWKSQEFSG... IMMP LM Q F I G N F G Y V M C I V G A T H A I N G D I T M G T I V A F	287
NTDB id	64383	RSIB RS06835 WP	004996409.1		0
NTDB id	358	SMU RS01425 WP	002263523.1	GMETI... KSLTSESARYQNIDSEFV DYLEKNFKLHKYSAIQ TAL K SGAKLILNVVILWYCSRLVMDNKISVGQLITF	471
NTDB id	421	SGO RS10260 WP	012131060.1	GIETI... KSLTSEKQRYYQKIDKEFV TYLKKSFA YGRSESLQKVLAARLILNLVLWLGA TLVMDQKISLGQLITY	427
NTDB id	511	SMK321 RS10730 WP	000668322.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
NTDB id	483	SM12261 RS00275 WP	000668315.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
NTDB id	131	SP RS00255 WP	000668284.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
NTDB id	247	KZH43 RS00220 WP	000668290.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
NTDB id	206	SPD RS00235 WP	000668290.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
NTDB id	171	SPR RS00230 WP	000668290.1	GIETI... KSLTSESQRYQKIDKEFV DYLKKSFTYSRAESQQKALKKVAHLLNNGVILWMGAVLVMDGKMSLGQLITY	427
consensus				***** *****	

[illegible][illegible][illegible]

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NTDB id 369 SMU RS04255 WP 002263293.1
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NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved