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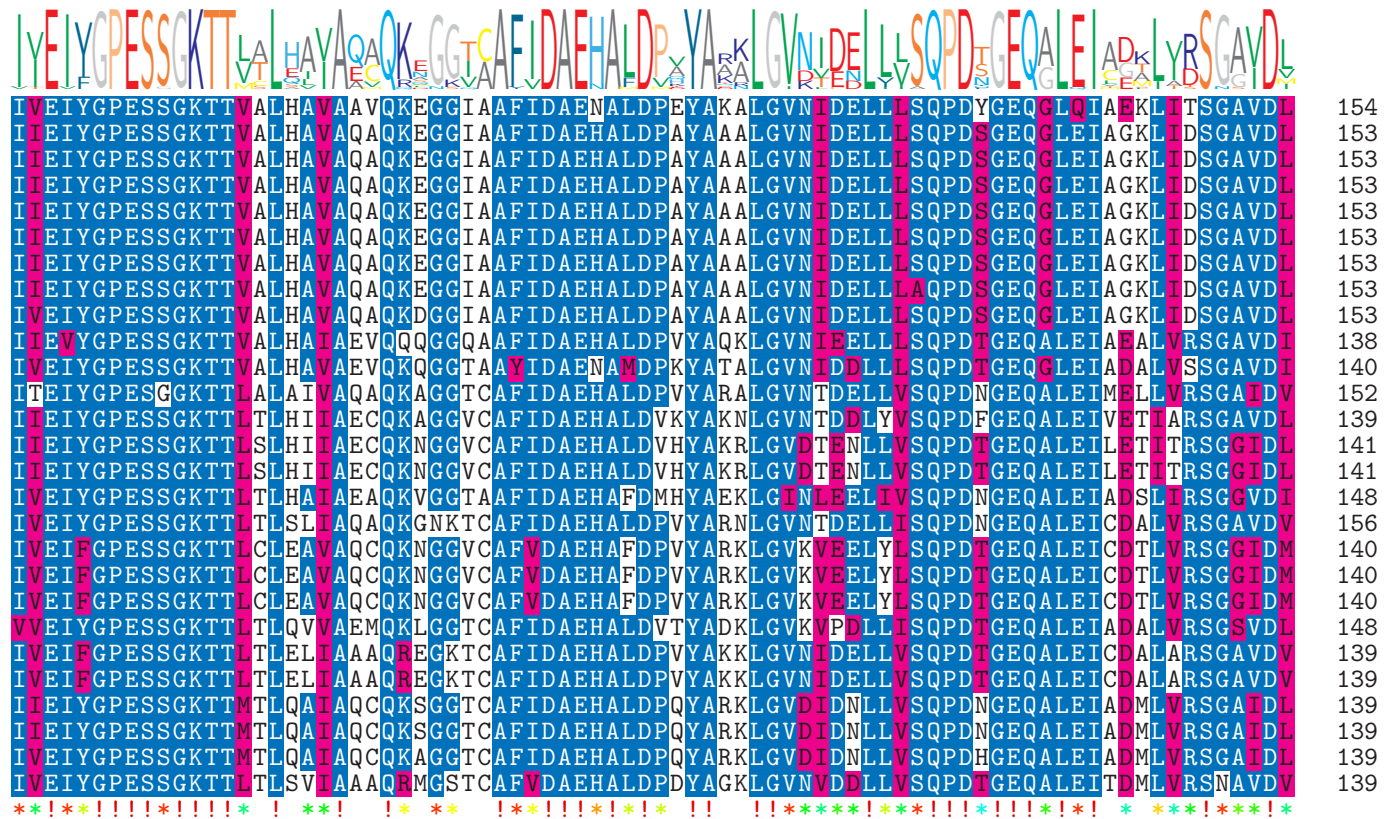
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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 453 Spy49 1753c ACI62003.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEE	TTASKTK	..AKAKKEEKAVETEEIELELED..	387		
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEV	FAEIDHQVRVQFGL	LIDGEEAAE	SKKDE	VAQVDS..VNEEVTLDLGDEL	378		
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	LIDGEEIAE	SKKDE	AAQVDS..VNEEVTLDLGDEL	378		
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAV	ASE	E.....TDDLALDLNGI	374		
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSS	KEK	ETDEK..ADKNLVLELDDTI	379		
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGR	ENAKQFLKENKDIM	LMIQEQIREHYGL	DNNGVVQQAAEE	TQEEL	E..FE.E.....	348		
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGR	ENAKNYLADHEDVE	DEVRLKVRAAYG	ISDVPEEDLP	TTE	DE.QI.N..ILPDDST....EE	355		
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGGR	ENAKALLKEDKALA	DEITLKI	KESIGSNEEIMPL	..PDEPLE	..EME.....	347		
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGGR	ENAKALLKEDKALA	DEITLKI	KESIGSNEEIMPL	..PDEPLE	..EME.....	347		
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGGR	DTVTKELIKDNPELA	EELEAKIREKLQAK				343		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGK	NNAVKWLKENPEIA	DKLEQEIRNTLAS	NPNSVLK	..ATASDSND	ESDVVEEFSE.....EEL	372		
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGK	DNVRVWLKENPEIS	DEIDAKIRALNGV	EMHITEG	..TQDET	D.....GERPE.....E	348		
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGK	ANACKYLKENPEIA	KTLDKKLREMLLN	PNPMQLI	..AETSSAAD	DVEFGAVPE.....EF	354		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGK	ANACKYLKENPEIA	KTLDKKLREMLLN	PNPMQLI	..AETSSAAD	DVEFGAVPE.....EF	354		
NTDB id 409184 GQ096 RS07890 WP 000344169.1	GNKIGQGK	NNVIRYFEENTQIA	EEIERNIREQLLT	TGTNGAV	..Q.I.EDEE	EPD..LLE.....S	349		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGK	NNVIRYFEENNQIA	EEIERNIREQLLT	TGTNGAV	..Q.I.EDEE	EPD..LLE.....S	349		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGK	NNVIRYLEENPQIS	TEIEAVIREQLLT	TKASDQTA	..A.HDETEE	EPD..LLES.....	349		
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGK	ANAAKYLEENPEIG	EIEQQIRAKLLV	TSANTKA	..TPVAEDLAD	AD..I.....	347		
consensus	***!!!	*****	**	*****	*****	**	*	*	*

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NTDB id 228 SPD RS09265 WP 001085462.1	EIEIEE	388						
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consensus								

-  non conserved
-  similar
-  ≥ 50% conserved