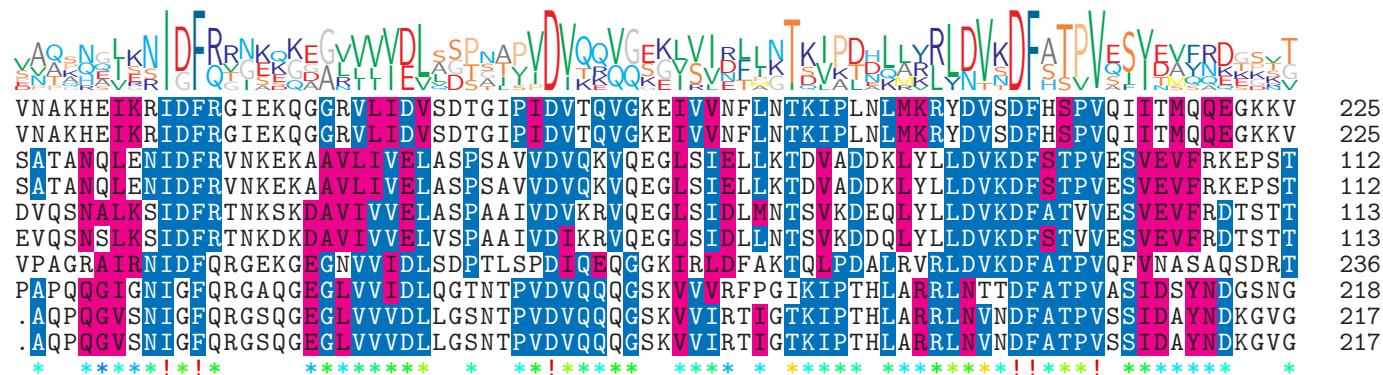
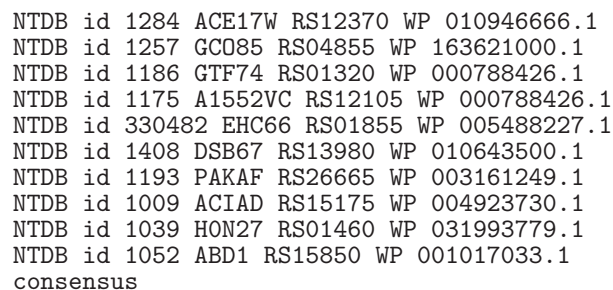
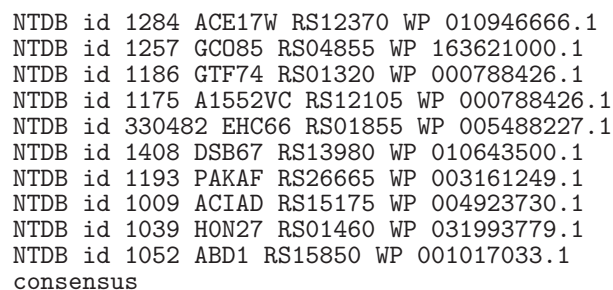


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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 330482 EHC66 RS01855 WP 005488227.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
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NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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logo

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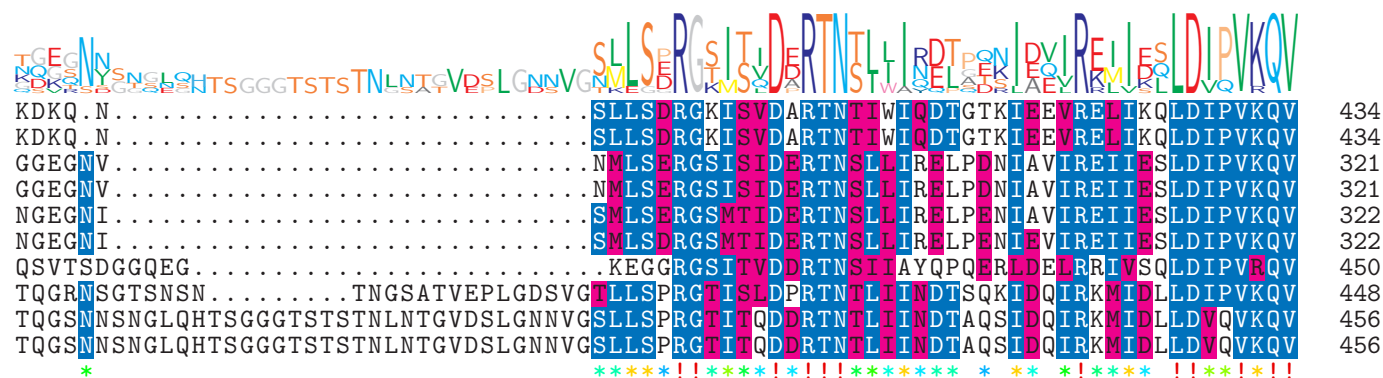
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NTDB id 1257 GC085 RS04855 WP 163621000.1
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NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus
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logo

NTDB id	1284	ACE17W	RS12370	WP	010946666.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....	SGTLEG.....	A.....	NELAR	GTAPANVVP	LERRLN	LDLAA	495
NTDB id	1257	GCO85	RS04855	WP	163621000.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....	SGTLEG.....	A.....	NELAR	GTAPANVVP	LERRLN	LDLAA	495
NTDB id	1186	GTF74	RS01320	WP	000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MSHSHSV...	GGSIENLWQKGLLA		DDEFV	DEFLNVN	LAS	384	
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MSHSHSV...	GGSIENLWQKGLLA		DDEFV	DEFLNVN	LAS	384	
NTDB id	330482	EHC66	RS01855	WP	005488227.1	QIEARIVT	ISEGNMDELGTRW	GFTSINGNNTV...	GGSIENNLATIGLYEG		GGDGE	GEEGGDGVG	IDDFLNVN	LAA	395
NTDB id	1408	DSB67	RS13980	WP	010643500.1	QIEARIVT	INEGNMDELGVRW	GFTSINGSHTV...	GGSIENNLATIGLYDG		GGE..	GDDGGSSVG	IDDFLNVN	LAA	393
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	MIEARIVEAN	VGYDKSLGVRWGG	AYHKGNWSG...	YGKDGN..	IGIKDED	GMNCGPIAG	SCTFPTT	GTSKSPSPF	VDLGA	525
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	MIEARIVRA	TTSFSKEMGVK	WGIILSQGINQNS	NLLVGGSET	TLWNLRNP	D...SN....	GTYTI...	ERP	DNLNVDLGV	517
NTDB id	1039	HON27	RS01460	WP	031993779.1	MVEARIVRA	STSFTELGVK	WGIILSQGITNNNN	LLVGGSET	TLWNLR	REPK...KDETT	GKYKTI...	ERP	DNLNVDLGV	530
NTDB id	1052	ABD1	RS15850	WP	001017033.1	MVEARIVRA	STSFTELGVK	WGIILSQGITNNNN	LLVGGSET	TLWNLR	REPK...KDETT	GKYKTI...	ERP	DNLNVDLGV	530
consensus						*****	*****	*****	*****	*	*	*	*	*****	

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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	APLTGATPASVGI	ALAKLNDN	ILLDLELSALE	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id	1257	GCO85	RS04855	WP	163621000.1	VPLTGATPASVGI	ALAKLNDN	ILLDLELSALE	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id	1186	GTF74	RS01320	WP	000788426.1	T...SANASSIAFQVAKLGS	SGTLLDLELSALQNES	KAEIISPPRLITTNKQPAYIEQ	GTEIPYLESSSSGA...	STVAFK	458																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	T...SANASSIAFQVAKLGS	SGTLLDLELSALQNES	KAEIISPPRLITTNKQPAYIEQ	GTEIPYLESSSSGA...	STVAFK	458																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id	330482	EHC66	RS01855	WP	005488227.1	T...NPNAASIAFQVAKLGS	SDTLLDLELSALQNES	KAEIISPPRLITTNKQPAYIEQ	GTEIPYLESSSSGA...	TSVTFK	469																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id	1408	DSB67	RS13980	WP	010643500.1	T...SPNAT	SIAFQVAKLGS	SDTLLDLELSALQNES	KAEIISPPRLITTNKQPAYIEQ	GTEIPYLESSSSGA...	TSVTFK	467																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	K...DA	TSGIGIGFI	T.DN	ILDLQLSAMEKTGN	GEIVSQPKVVTSDKETAKILKG	SEVPYQEASSGA...	TS	TSFK	596																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	T...TTGASSIAFGLISL	SDFMLDLELSALQADGY	GEVISTPKVMSADKQKAKVAT	GVEVPYQSTTNSAAGSTATT	SFK	593																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id	1039	HON27	RS01460	WP	031993779.1	S...NP	AGSIAFGLISM	SDFMLDLELSALQADGY	GEVISTPKVMTADKQTAKVAT	GQVVPYQSTTNSAAGSTATT	SFK	605																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id	1052	ABD1	RS15850	WP	001017033.1	S...NP	AGSIAFGLISM	SDFMLDLELSALQADGY	GEVISTPKVMTADKQTAKVAT	GQVVPYQSTTNSAAGSTATT	SFK	605																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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logo

NTDB id	1284	ACE17W	RS12370	WP	010946666.1	KAVLSLK	VTPQITPDGKIL	MDLQINQDTPSPQT	.FLGVP...	AIITKEIQTNVLV	NNGTIVLGGIYKQ	DKNKVINRIPF	648
NTDB id	1257	GCO85	RS04855	WP	163621000.1	KAVLSLK	VTPQITPDGKIL	MDLQINQDTPSPQT	.FLGVP...	AIITKEIQTNVLV	NNGTIVLGGIYKQ	DKNKVINRIPF	648
NTDB id	1186	GTF74	RS01320	WP	000788426.1	KAVLSLK	VTPQITPDNRLV	LDLSVTQDRRG	ETV.KTGTGEAVS	IDTQRIGTQVLV	NNGETTVLGGIFQHS	INNSVDKVPL	537
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KAVLSLK	VTPQITPDNRLV	LDLSVTQDRRG	ETV.KTGTGEAVS	IDTQRIGTQVLV	NNGETTVLGGIFQHS	INNSVDKVPL	537
NTDB id	330482	EHC66	RS01855	WP	005488227.1	KAVLSLK	VTPQITPDNRLV	LDLSVTQDRPGKV	V.KTGTGEAMA	IDTQRIGTQVLV	NNGETTVLGGIFQHS	ITNSVDKVPL	548
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KAVLSLK	VTPQITPDNRLV	LDLSVTQDRPGQV	V.KTGTGEA	VAIDTQRIGTQVLV	NNGETTVLGGIFQHS	ITNSVDKVPL	546
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	EALSL	LEVTPQITPDNRI	IVEVKVTKDAPDY	QNMLNGVP...	PINKNEVNAKILV	NDGETIVIGGVFS	NEQSKSVEKVPF	673
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	EALSL	LEVTPNITPDGKIL	MELNIANDSINS	.YAQNGEA...	ILNKNTINTNVLV	NNGETTVLGGVFEQT	TNNAVTKVPF	669
NTDB id	1039	HON27	RS01460	WP	031993779.1	DALLSLN	VTPSITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNNINTNVLV	DNGETVILGGVFEQT	TMNSQTKVPF	681
NTDB id	1052	ABD1	RS15850	WP	001017033.1	DALLSLN	VTPSITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNNINTNVLV	DNGETVILGGVFEQT	TMNSQTKVPF	681
consensus						*****	*****	*****	*****	*	*	*****	

logo



☐ non conserved
☒ similar
☒ ≥ 50% conserved