

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	MSVLTITGDKRLGAAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1053616	ABUS33 RS01705 WP 001274984.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	160
NTDB id 1168	A1552VC RS11070 WP 000957200.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1293	VP RS12240 WP 005479695.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1053616	ABUS33 RS01705 WP 001274984.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	0
consensus			

NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGE LLLQKGWISREALEEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1053616 ABUS33 RS01705 WP 001274984.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

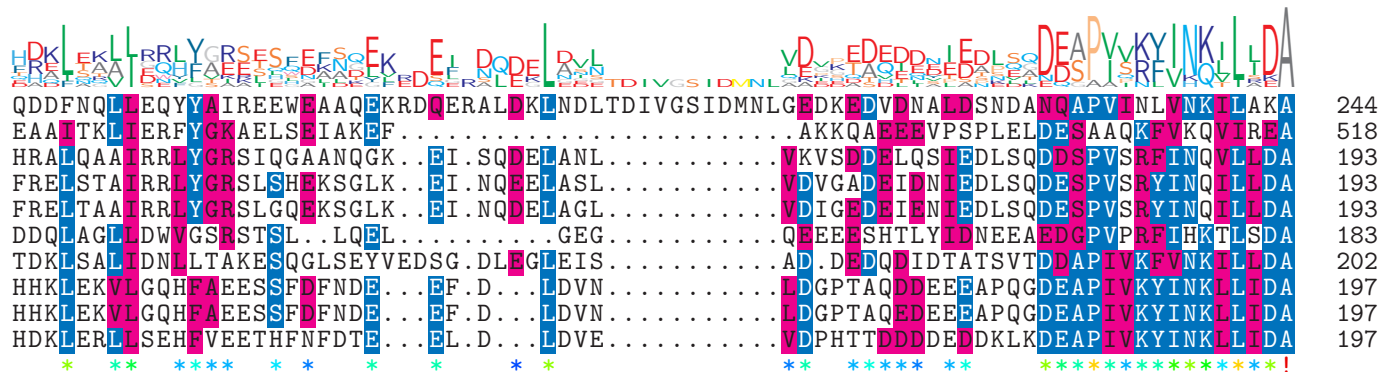
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

NTDB id 1410	SGL RS13950 WP 010873519.1	SKKSRVALRNYSFPGNKL	VAGCHVDAEQ	RQALVQVKK	TGRSLPEEL	KAVTGREL	LSPELLRQYKKNQ	LFELKVL	LYGVD	86	
NTDB id 1028	TT RS08215 WP 011173991.1	KEA	EVQKGLP	RAKPL	GETLVELG	LARPEDVEEAL	QKQREGGGR	LEDTLVQ	..SGKLRPEALAA	VATQLGYP	391
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNL	VAILRQAE	LISATQ	EQAVVTQ	VSASGTS	VP	EALLES	LSIFHAQELTEQ	LSHIFGLP	60
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNL	STILRQKGL	LTF	QESLIEQV	KASGIS	MP	EALIS	SGFFTSSELAEH	LSSIFGLS	60
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNL	STILRQAGIL	TF	QESLIEQV	KASGIS	MP	EALIS	SGFFQSHELTEH	LSSVFGLS	60
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGL	LLRILVQ	NQVVT	VEQAEHYY	NESQAG	KEVLP	MLFS	DGVITSPKSLAAL	IARVFSYS	59
NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MALATEEY	ELQIGQL	LVLEK	LIDKTKA	IELHKLAA	AEKISL	LQYIVK	..NKILSAEQIALT	AAQNFQVP	68
NTDB id 1053616	ABUS33 RS01705 WP 001274984.1	...MSALHTSP	KFTGFFRRL	VEEKHV	SAATMQTAL	DAAKRAKQD	TVAYLIE	..EVHLSPSLLAET	ISAEFAEP	68	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSALHTSP	KFTGFFRRL	VEEKHV	SAATMQTAL	DAAKRAKQD	TVAYLIE	..EVHLSPSLLAET	ISAEFAEP	68	
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAFTTPPK	FSGFI	RRLVEEG	YVNAQNM	QQALEKAK	KFKQD	IVPYLID	..NFSISPLTIAEI	ISLEFGEP	68
consensus		*	*	***	!*!	*****	*****	*****	*****	*****	

NTDB id	1410	SGL RS13950 WP 010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGEDPPSVLVAMVPDPNLAQQDELNRILRVKGF..E.LRRLLVVT	164											
NTDB id	1028	TT RS08215 WP 011173991.1	YVDPEEDPDP.....GAPILLPEDLCRRYGVPFHRLE...GNRLVLMLMKDPRNILA.DDVRLALKRKGLNYEVAPAVAT	463											
NTDB id	1168	A1552VC RS11070 WP 000957200.1	ETDLSTRDYAN.....LCQQLGLRELITRYDALPIAKQ...GNLALLAVSDPTLLQAEEEFRAFATG.....LQVELALAD	127											
NTDB id	1293	VP RS12240 WP 005479695.1	QPPELSQVEYAS.....LCQQLGLRELIITHNALPHRT...PSTLLAVADPTNQQAEDDFRFATG.....LQVELVLAD	127											
NTDB id	1401	DSB67 RS12665 WP 010643259.1	CTSLNQVEYAS.....LCQTLGLRDILTIRHNALPNLRT...SSTLLIIVADPTNLQAEDDFRFATG.....LQVELVLAD	127											
NTDB id	1110	NGFG RS09235 WP 003689817.1	IIDL RHYP RHR.....VLMGVLT EEQM VFEHCV PVFRRL...GDKVFFFAVS DPT QMP QIQKT VSAAG.....IAVELVIVE	126											
NTDB id	1251	GCO85 RS07725 WP 011946523.1	MMDINCIDVGT.....IPVNVLNEKLKRHAMVPLFSR...GTINLYLATDDPSKQASIKKEIQFHGT.....LNTHAIIVE	135											
NTDB id	1053616	ABUS33 RS01705 WP 001274984.1	YFDLDVYDTSQ.....IPKD LVDQK LIL KHR IL PL IQR...GGILY VATSN P S NIE AIDA IR FNSK.....LLVEPVIVE	135											
NTDB id	1058	ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....IPKD LVDQK LIL KHR IL PL IQR...GGILY VATSN P S NIE AIDA IR FNSK.....LLVEPVIVE	135											
NTDB id	1018	ACIAD RS01685 WP 004920473.1	L DLGVGD PAL.....FLKDK IDEK LI QKYR IM PL VHR...GHVLY VATSN PTNI EAMD AIR FNSK.....LKVEPIIVE	135											
consensus			* * * * *	*	* * *	* * * * *	* ! *	*	*	* * * * *	* ! * * *	* * * * * *	*	* * *	* * * *

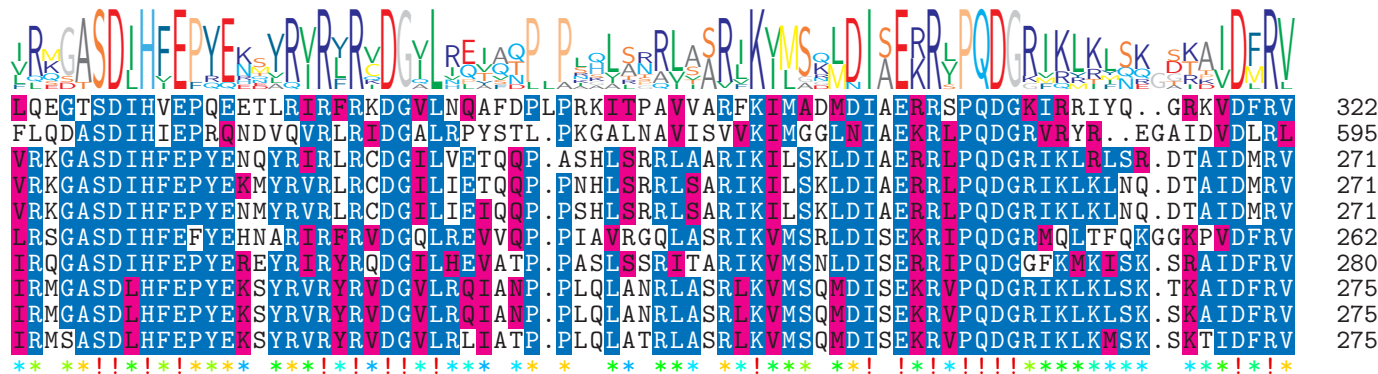
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consensus



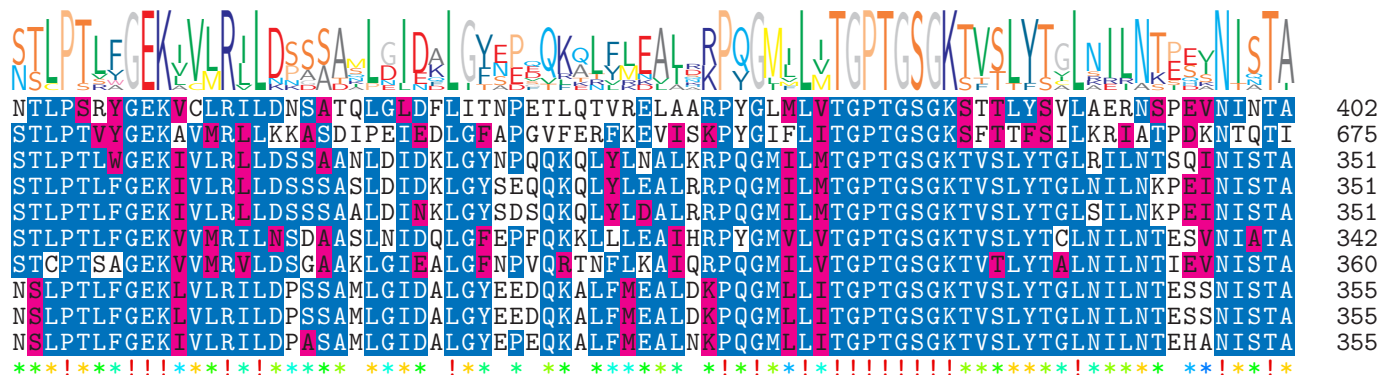
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consensus



logo

NTDB id 1410 SGL RS13950 WP 010873519.1
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consensus



logo

NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1053616 ABUS33 RS01705 WP 001274984.1
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consensus



482
755
431
431
431
422
440
435
435
435

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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consensus

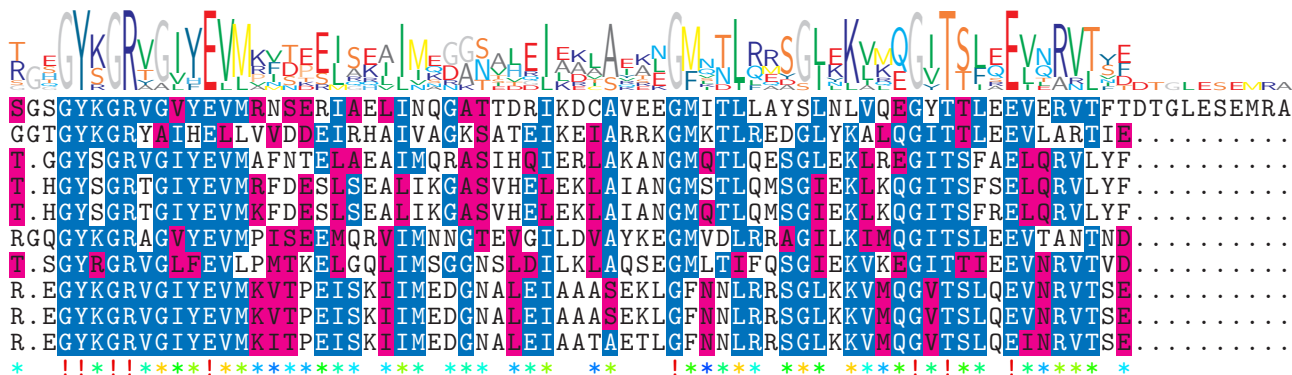


561
819
493
492
492
488
505
501
501
501

logo

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consensus



641
889
562
561
561
558
574
570
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1110 NGFG RS09235 WP 003689817.1		558
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NTDB id 1053616 ABUS33 RS01705 WP 001274984.1		570
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved