

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEAT.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDST.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 138937 SC10 RS00525 WP 020449838.1	..MMFGRFTERAQKVLALAQEEALRLGHNNGTEHILLGLVREGEGLAAKALQALGLSPDKIQKEVESLIGR.....GQEMS	75
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNGTEHILLGLVREGEGLAAKALQALGLGSEKIQKEVESLIGR.....GQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPLDRILEKAE EYAHQYQYGTIESAHLAAMATTSGSTAYSLLAGMNVDDSSDLLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN...DI	79
NTDB id 329 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AAVLAMEKRPKDLSESDI	81
NTDB id 327 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AAVLAMEKRPKDLSESDI	81
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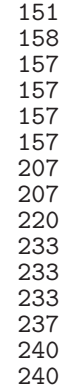
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NTDB id	601	KW2	RS02615	WP	021036805.1	HLYTSVNGQKKQIDLCQNICYQ...IMKSGGQEALFGAGNASNGNSD.....EPFNP.FNDIFSALGGQ.DFNGAASNQ	81
NTDB id	378	SMU	RS02690	WP	002263569.1	HLYANVNGQKKQIDLCQNICYQ...IMKTDPENGPLNHISQQNSSS.....INPFDDDFGDLNNFRAFNNQDLPN	80
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NTDB id	281	KZH43	RS03550	WP	000882517.1	HLYTNLNGKQKKQIDLCQNICYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNNFRPSSN..TPP	77
NTDB id	245	SPD	RS03860	WP	000882517.1	HLYTNLNGKQKKQIDLCQNICYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNNFRPSSN..TPP	77
NTDB id	243	SPR	RS03635	WP	000882517.1	HLYTNLNGKQKKQIDLCQNICYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNNFRPSSN..TPP	77
NTDB id	138937	SC10	RS00525	WP	020449838.1	QSIHYTPRAKKVTTELAMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id	85	BSU	O0860	NP	387967.1	QTIHYTPRAKKVTLELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id	610	V4T04	RS10165	WP	012897346.1	STLRFSPraEEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGLQLKL.....QKINIVSLRKELEKRTGLKVPEskk	153
NTDB id	290	KZH43	RS10025	WP	001109677.1	TELPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRIERAGFSYEDKKDVKIAALRRNLEERAGWTREDLKA	160
NTDB id	289	SPD	RS10700	WP	001109677.1	TELPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRIERAGFSYEDKKDVKIAALRRNLEERAGWTREDLKA	160
NTDB id	287	SP	RS11210	WP	001109712.1	TELPFSRRLLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRIERAGFSYEDKKDVKIAALRRNLEERAGWTREDLKA	160
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NTDB id	329	STER	RS00545	WP	011680614.1	DLRAQSPALEARMLQEAQEIASVTGAVEVGSEHVLMFAFLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id	297	STU	RS10020	WP	011225298.1	DLRAQSPALEARMLQEAQGIASVTGAVEVGSEHVLMFAFLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
consensus						* * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
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NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 138937 SC10 RS00525 WP 020449838.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

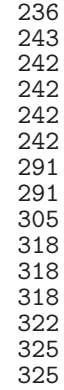
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NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB	id	601	KW2	RS02615	WP	021036805.1	EVTDEDMPVITEKDI	EQIVEQKTI	QIPVGD	LKEKE	QTQL	LI	NLAD	DLKAHVIGQDEAVDK	ISKAIRRSRV	GLGKPN	RPIGSFL	FLVGP	482
NTDB	id	378	SMU	RS02690	WP	002263569.1	KLDKENTPVITEKN	IEVIVEQKTN	NIPVGD	LKEKE	EQSQL	LI	HLADD	LKTRVIGQDAVAVDK	IAKAIRNRV	VCLGTPN	RPIGSFL	FLVGP	489
NTDB	id	241	SP	RS04015	WP	000882523.1	KITDQDTPSISEKT	IEHIIIEQKTN	NIPVGD	LKEKE	EQSQL	LI	HLAED	LKSHVIGQDDAVDK	IAKAIRNRV	VCLGTPN	RPIGSFL	FLVGP	488
NTDB	id	281	KZH43	RS03550	WP	000882517.1	KITDQDTPIISEKT	IEHIIIEQKTN	NIPVGD	LKEKE	EQSQL	LI	HLAED	LKSHVIGQDDAVDK	IAKAIRNRV	VCLGTPN	RPIGSFL	FLVGP	488
NTDB	id	245	SPD	RS03860	WP	000882517.1	KITDQDTPIISEKT	IEHIIIEQKTN	NIPVGD	LKEKE	EQSQL	LI	HLAED	LKSHVIGQDDAVDK	IAKAIRNRV	VCLGTPN	RPIGSFL	FLVGP	488
NTDB	id	243	SPR	RS03635	WP	000882517.1	KITDQDTPIISEKT	IEHIIIEQKTN	NIPVGD	LKEKE	EQSQL	LI	HLAED	LKSHVIGQDDAVDK	IAKAIRNRV	VCLGTPN	RPIGSFL	FLVGP	488
NTDB	id	138937	SC10	RS00525	WP	020449838.1	EKQQGENSEVTVD	IAMVVSSWTG	VPVSKI	IAQTET	DKLL	NMES	ILHSRVIGQDEAVVA	VAKAVRRAR	ACLKDP	KRPIGSFL	FLGP	546	
NTDB	id	85	BSU	00860	NP	387967.1	EKQQGENSEVTVD	IAMVVSSWTG	VPVSKI	IAQTET	DKLL	NMEN	ILHSRVIGQDEAVVA	VAKAVRRAR	ACLKDP	KRPIGSFL	FLGP	546	
NTDB	id	610	V4T04	RS10165	WP	012897346.1	.VKEDKRQEVTDQ	AVAVASTLT	GVPI	ITQMTKS	ESDRL	INLEKE	LHKRVVGQEEAT	ISAVSRAIRRS	SGVADSR	RRP	MGSMFLGP	555	
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NTDB	id	289	SPD	RS10700	WP	001109677.1	.VPV.YKDLVTESD	ILTTLSRLS	GIPVQKLT	TQTD	DAKKYL	NLEAEL	LHKRVIGQDQAVSS	ISRAIRRNQ	SGIRSHK	RPIGSFM	FLGP	550	
NTDB	id	287	SP	RS11210	WP	001109712.1	.VPV.YKDLVTESD	ILTTLSRLS	GIPVQKLT	TQTD	DAKKYL	NLEAEL	LHKRVIGQDQAVSS	ISRAIRRNQ	SGIRSHK	RPIGSFM	FLGP	550	
NTDB	id	377	SMU	RS09275	WP	002262344.1	.PLLKKRAEVKEED	ILATLSKLS	GIPVKKLT	TQAD	SKKKYL	NLEREL	LHKRVIGQDDAVSS	ISRAIRRNQ	SGIRVGK	RPIGSFM	FLGP	553	
NTDB	id	297	STER	RS00545	WP	011680614.1	.AKFPKPALVDA	QIMQTL	SRLSGIP	VEKMT	TQTD	SKRYLN	LESEL	LHKRVIGQDEAVSA	ISRAIRRNQ	SGIRTGK	RPIGSFM	FLGP	556
NTDB	id	329	STU	RS10020	WP	011225298.1	.AKFPKPALVDA	QIMQTL	SRLSGIP	VEKMT	TQTD	SKRYLN	LESEL	LHKRVIGQDEAVSA	ISRAIRRNQ	SGIRTGK	RPIGSFM	FLGP	556
consensus							*	*****	*	***	*****	* *	*	*****	* *	*	*****	* *	*

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NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVP	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNK.VETVTKATSD.	753
NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 138937 SC10 RS00525 WP 020449838.1	VVKTEAKTN.....	810
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
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NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	KFDIA.....	810
NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		



-  non conserved
-  similar
-  ≥ 50% conserved