

logo

NTDB id 93680 LLL8 RS02640 WP 012897283.1	M..CQNCNINEA.....TI	13
NTDB id 601 KW2 RS02615 WP 021036805.1	M..CQNCNINEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	M..CQNCNINEA.....TI	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	M..CQNCNINDS.....TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	M..CQNCNINDS.....TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	M..CQNCNINDS.....TI	13
NTDB id 241 SP RS04015 WP 000882523.1	M..CQNCNINDS.....TI	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTEAQQKVLALAQEEALRLGHNNIGTEHILLGLVREGEITAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTLDRILEKAEYYAHQYQYGTIESAHLLEAMATTSGSLAYSLLAGMNVDSDDLIDL.....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	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVTGSMAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81
NTDB id 329 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVPGSMAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81
consensus	**.....*	**

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NTDB id 93680 LLL8 RS02640 WP 012897283.1	HLYTSVNCQKKQIDLCQNCYQ...IMKSGGTEALFGAGNASNGNSDEP.....FNP.FNDIFSAIHGQ.DFNGAAS..	79
NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNCQKKQIDLCQNCYQ...IMKSGGTEALFGAGNASNGNSDEP.....FNP.FNDIFSAIQGQ.DFNGAAS..	79
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNCQKKQIDLCQNCYQ...IMKTDPENGPLNHISQQNSSS.....INPFDDFFGDLNNFRAFNNQDL..	78
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNCQKKQIDLCQNCYK...IKTDPNNSIFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..T..	75
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNCQKKQIDLCQNCYK...IKTDPNNSIFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..T..	75
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNCQKKQIDLCQNCYK...IKTDPNNSIFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..T..	75
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNCQKKQIDLCQNCYK...IKTDPNNSIFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..T..	75
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILLGLIREGEVAAARVLNNLGVSLNKARQQVLQL.....LCSNET....	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPPRAEEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLLKL.....QKINIVSRKELEKRTGLKVPESKK	153
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 377 SMU RS09275 WP 002262344.1	MILEQSHALKITLAEAAAISQVTHAKEVCTEHLVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVTERYACFSKEDIKA	164
NTDB id 297 STER RS00545 WP 011680614.1	DIRAQSPALEAMIQEAQEIASVTGAVEVGEHVLMAFLLHKDLMVCRLLLEVAGFYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id 329 STU RS10020 WP 011225298.1	DIRAQSPALEAMIQEAQGIASVTGAVEVGEHVLMAFLLHKDLMVCRLLLEVAGFYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
consensus	* * * * *	* * * *

NTDB	id	93680	LL8	RS02640	WP	012897283.1	...TQTP	PTQTGG		RGPRGPQNPRAKQPKGM	LLEFGIN	ITESARRGEIDPVIGRDEI	KRVIEILNRRTKNNPVL	I	151	
NTDB	id	601	KW2	RS02615	WP	021036805.1	...NQTP	PTQTGG		RGPRGPQNPRAKQPKGM	LLEFGIN	ITESARRGEIDPVIGRDEI	KRVIEILNRRTKNNPVL	I	151	
NTDB	id	378	SMU	RS02690	WP	002263569.1	...PNTP	PTQAGG	GNGNGGN.N.RRP	GPGQQASQKPNGL	LLEFGIN	LTDTARKGEIDPVIGRDEI	TRVIEILNRRTKNNPVL	I	158	
NTDB	id	281	KZH43	RS03550	WP	000882517.1	...PPIP	PTQSGG	GYGGNGGYGSQNRGSAQTPP	PSQEKGL	LLEFGIN	VTEIARRGDI	DPVIGRDEIRVIEILNRRTKNNPVL	I	157	
NTDB	id	245	SPD	RS03860	WP	000882517.1	...PPIP	PTQSGG	GYGGNGGYGSQNRGSAQTPP	PSQEKGL	LLEFGIN	VTEIARRGDI	DPVIGRDEIRVIEILNRRTKNNPVL	I	157	
NTDB	id	243	SPR	RS03635	WP	000882517.1	...PPIP	PTQSGG	GYGGNGGYGSQNRGSAQTPP	PSQEKGL	LLEFGIN	VTEIARRGDI	DPVIGRDEIRVIEILNRRTKNNPVL	I	157	
NTDB	id	241	SP	RS04015	WP	000882523.1	...PPIP	PTQSGG	GYGGNGGYGSQNRGSAQTPP	PSQEKGL	LLEFGIN	VTEIARRGDI	DPVIGRDEIRVIEILNRRTKNNPVL	I	157	
NTDB	id	85	BSU	O0860	NP	387967.1		GSSAAGTNSNANTPT	LDLSLARD	LTAIAKEDS	LDPVIGRSKEIQRVIEI	LSRRTKNNPVL	I	207		
NTDB	id	610	V4T04	RS10165	WP	012897346.1	AVTPMSKRKMAKG		VAENSTTPT	LDVSVD	LTEEARLGKLP	MIGREAIDRLIHILSRRTKNNPVL	V	220		
NTDB	id	290	KZH43	RS10025	WP	001109677.1	.LRQRHRTV.ADK		QNSMANMMGMP	QTPPSG	LEDYTHD	LTEQARSCKLEPVIGRDKEISRMQILSRKTKNNPVL	V	233		
NTDB	id	289	SPD	RS10700	WP	001109677.1	.LRQRHRTV.ADK		QNSMANMMGMP	QTPPSG	LEDYTHD	LTEQARSCKLEPVIGRDKEISRMQILSRKTKNNPVL	V	233		
NTDB	id	287	SP	RS11210	WP	001109712.1	.LRQRHRTV.ADK		QNSMANMMGMP	QTPPSG	LEDYTHD	LTEQARSCKLEPVIGRDKEISRMQILSRKTKNNPVL	V	233		
NTDB	id	377	SMU	RS09275	WP	002262344.1	.IFEMRK	PKKVKN		SSSFSDLMKP	P.SVTGELADFTRD	LTELARQGRLEPVIGREQEISRMVQILSRKTKNNPVL	V	237		
NTDB	id	329	STER	RS00545	WP	011680614.1	.IHDLRK	PKKSKA		SANFANMMQP	PQSSTGELADYTKD	LTLALAESGNLDPVIGRDEISRMQVLSRKTKNNPVL	V	240		
NTDB	id	327	STU	RS10020	WP	011225298.1	.IHDLRK	PKKSKA		SANFANMMQP	PQSSTGELADYTKD	LTLALAESGNLDPVIGRDEISRMQVLSRKTKNNPVL	V	240		
consensus							*	*	*	*	* ! * * *	* ! * * *	* ! * * *	* ! * * *	* ! * * *	*

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NTDB id 93680 LLL8 RS02640 WP 012897283.1	ISNQAQEEAAETTDDEEVP	AE	748
NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVP	AE	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNKVETVTKATSD..		753
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKKAIEVKSSEKEK..		752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKKAIEVKSSEKEK..		752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKKAIEVKSSEKEK..		752
NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKKAIEVKSSEKEK..		752
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....		810
NTDB id 610 V4T04 RS10165 WP 012897346.1	KIAQIV.....		816
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