

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	TGKGRFMLPNAEYL	LHQP	MGGAGQG	TGQTQTDMAI	VAEQ	LLKTRKR	LEQ	155
NTDB id	611	V4T04	RS07970	WP	003129593.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	TGKGRFMLPNAEYL	LHQP	MGGTGQG	TGQTQTDMAI	VAEQ	LLKTRKR	LEQ	155
NTDB id	330	STU	RS11365	WP	002949732.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNN	LEQ	152				
NTDB id	298	STER	RS01925	WP	002949732.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNN	LEQ	152				
NTDB id	282	KZH43	RS03215	WP	000613477.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNT	LEK	152				
NTDB id	246	SPD	RS03495	WP	000613477.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNT	LEK	152				
NTDB id	244	SPR	RS03300	WP	000613477.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNT	LEK	152				
NTDB id	242	SP	RS03655	WP	000613477.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRNT	LEK	152				
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRHR	LEK	152				
NTDB id	445	SPYM3	RS01720	WP	002985850.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	TGQTQTDMAIAAEHLLKTRHR	LEK	152				
NTDB id	376	SMU	RS07595	WP	255262720.1	LAIVDTMNFIKS	DVQTI	VMGTAASMG	TIASSG	AKGGRFMLPNAEYL	LHQP	MGGTGGGTQQ	SDMAIAAEQLLKTRKK	LEK	160		
NTDB id	1223	Cj0192c	YP	002343650.1	F	SIYDTMN	YIKP	DVQTCICIGQAASMGAFIL	LS	SCGAEGKRFALPN	SRI	MIHQPLGGARG..	QATDIEIQAKE	IIRLKT	ITLND	151	
NTDB id	56294	H175	RS14175	WP	000991612.1	FAILD	TMNLIKP	DVQTCICMGFAASF	GALLLS	GAKGGRFALPN	SE	MIHQPLGGAQG..	QATEIEITAKRILKL	KHD	INK	152	
NTDB id	86	BSU	34540	NP	391334.1	MAIYDTMQFIKP	PKVST	TCIGMAASMGAFLLAAGE	GKGRYA	LPNSE	VMIHQPLGGAQG..	QATEIEIAAKRILL	RDK	LNK	152		
consensus						**!*	!!**!	*!*!*	***!*	*!*	*****!	*!*	*****!	*!*	*****!	*!*	*****!

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGQPPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQPPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAAQNAGKTIIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAAQNAGKTIIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKTIKQIHKDAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNITKKVKVAIKADTERDFFMASQAQEAKEYGLIDKIVLEKSFK..	194	
NTDB id	56294	H175	RS14175	WP	000991612.1	MIAEKTIGQPIERVAHDTTERDYFMTAEEAKEYGIVDVVTKK....	193
NTDB id	86	BSU	34540	NP	391334.1	VLAERTGGPLELVIERDDTRDNEFKSAEEALEYGLIDKIILTHTEDKK	197
consensus						*****!***!* **!* ****!	

 non conserved
 similar
 $\geq 50\%$ conserved