

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	KGKRFMLPNAEYL	LHQPMGGAGQG	TQQTDMAI	VAEQLLKTRKRLEQ	155
NTDB id	611	V4T04	RS07970	WP	003129593.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	KGKRFMLPNAEYL	LHQPMGGTGQG	TQQTDMAI	VAEQLLKTRKRLEQ	155
NTDB id	282	KZH43	RS03215	WP	000613477.1	LAIVDTMNFKA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNTLEK	152	
NTDB id	246	SPZ	RS03495	WP	000613477.1	LAIVDTMNFIKA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNTLEK	152	
NTDB id	244	SPR	RS03300	WP	000613477.1	LAIVDTMNFKA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNTLEK	152	
NTDB id	242	SP	RS03655	WP	000613477.1	LAIVDTMNFKA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNTLEK	152	
NTDB id	330	STU	RS11365	WP	002949732.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	KGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNNLEQ	152	
NTDB id	298	STER	RS01925	WP	002949732.1	LAIVDTMNFIKS	DVQTI	VMGMAASMG	TIASSGT	KGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRNNLEQ	152	
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	LAIVDTMNFICA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRHRLEK	152	
NTDB id	445	SPYM3	RS01720	WP	002985850.1	LAIVDTMNFICA	DVQTI	VMGMAASMG	VIASSG	AKGKRFMLPNAEYMIHQP	MGGTGGGT	TQQTDMAIAAAEHLLKTRHRLEK	152	
NTDB id	376	SMU	RS07595	WP	255262720.1	LAIVDTMNFIKS	DVQTI	VMGTAASMG	TIASSG	AKGKRFMLPNAEYLIHQPMGGTGGGT	QQSDMAIAAEQLLKTRKKLEK	160		
NTDB id	39450	N565	RS01020	WP	002806309.1	FSIIYDTMNYIKP	DVCTICIGQAASMGAFLLSCGAEGKRFALPN	SRIMIHQPLGGARG..QATDIEIQAKEILRLKTI	LND	151				
NTDB id	1223	Cj0192c	YP	002343650.1	FSIIYDTMNYIKP	DVCTICIGQAASMGAFLLSCGAEGKRFALPN	SRIMIHQPLGGARG..QATDIEIQAKEILRLKTI	LND	151					
NTDB id	86	BSU	34540	NP	391334.1	MAIYDTMQFIKPVS	TJCIGMAASMGAFLLAAGEKGKRYALPNSEVMIHQPLGGAGQ..QATEIEIAAKRIILLRLDKLNK	152						
consensus						**!*!!!!!!	*!*****!	*****!	****!!*	*****!	*****!	*****!	*****!	

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGQPTEKVVHVAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQPTEKVVHVAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEBETLAYGFIDEIMENNELK.	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEBETLAYGFIDEIMENNELK.	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKTIKQIHKAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id	39450	N565	RS01020	WP	002806309.1	ILAKNTKKQVAKIAKDTERDFFMSAQEAKEYGLIDKVLKSFK..	194
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNTKKQVAKIAKDTERDFFMSAQEAKEYGLIDKVLKSFK..	194	
NTDB id	86	BSU	34540	NP	391334.1	VLAERTGGPLEVIERDTDRDNFKAEEALEYGLIDKILTHTEDKK	197
consensus						*!*****!!**!* **!* **!* **!* **!* **!	

 non conserved
 similar
 $\geq 50\%$ conserved