

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGT	TGKGRFMLPNAEYLIHQPMGGAGQ	GQTQQTDMAIVAEEQLLKRKRLEQ	155
NTDB id	611	V4T04	RS07970	WP	003129593.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGT	TGKGRFMLPNAEYLIHQPMGGTGQ	GQTQQTDMAIVAEEQLLKRKRLEQ	155
NTDB id	330	STU	RS11365	WP	002949732.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAAEHLKTRNNLEQ	152
NTDB id	298	STER	RS01925	WP	002949732.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRNNLEQ	152
NTDB id	282	KZH43	RS03215	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRNTLEK	152
NTDB id	246	SPD	RS03495	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRNTLEK	152
NTDB id	244	SPR	RS03300	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRNTLEK	152
NTDB id	242	SP	RS03655	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	AKGGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRNTLEK	152
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	TGKGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRHRLEK	152
NTDB id	445	SPYM3	RS01720	WP	002985850.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSG	TGKGRFMLPNAEYMIHQPMGGTGGGT	QQTDMAIAAEHLLKTRHRLEK	152
NTDB id	376	SMU	RS07595	WP	255262720.1	LAIVDTMNFIKS	DVQTIVMGTAASMGTTIASSG	AKGGRFMLPNAEYLIHQPMGGTGGGT	QQSDMAIAAEQLLKTRKKLEK	160
NTDB id	1223	Cj0192c	YP	002343650.1	FSIYDTMNVIKP	DVCTICIGQAASMGAFILISCG	AEGKRFALPNSSRI	MIHQPLGGARG..QATDIEIQAKEITRLKTI	LND	151
NTDB id	246851	CMR26	RS00050	WP	003151513.1	MAIYDTMQFIKPKVS	TCICGMAASMGAFLLAAGE	EKGKRYALPNSEVM	IHQPLGGAQG..QATEIEIAAKRILLRLDKLNK	152
NTDB id	86	BSU	34540	NP	391334.1	MAIYDTMQFIKPKVS	TCICGMAASMGAFLLAAGE	EKGKRYALPNSEVM	IHQPLGGAQG..QATEIEIAAKRILLRLDKLNK	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	ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK..	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK..	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKTIKQIHKAERDYWMDAKETLKYGFIDEIMENNELK..	204
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNTTKQKVAKIAKDTERDFFMSAQEAKLEYGLIDKVLKSFK..	194	
NTDB id	246851	CMR26	RS00050	WP	003151513.1	VLAERTTGQPLEVIERDTDRDNFKSADAEALEYGLIDKVLTRNTEDQK	198
NTDB id	86	BSU	34540	NP	391334.1	VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.	197
consensus						*!***** *!*!!**!!!***!! !****!!*!***** ** *	

 non conserved
 similar
 $\geq 50\%$ conserved