

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGTGKGRFMLPNAEYLIIHQPMGGAGQGTQQTDMAIVAEEQLLKTRKRLEQ	155
NTDB id	611	V4T04	RS07970	WP	003129593.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGTGKGRFMLPNAEYLIHQPMGGTGQGTQQTDMAIVAEEQLLKTRKRLEQ	155
NTDB id	330	STU	RS11365	WP	002949732.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGTGKGRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNNLEQ	152
NTDB id	298	STER	RS01925	WP	002949732.1	LAIVDTMNFIKS	DVQTIVMGMAASMGTTIASSGTGKGRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNNLEQ	152
NTDB id	282	KZH43	RS03215	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGAKGFRMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNTLEK	152
NTDB id	246	SPD	RS03495	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGAKGFRMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNTLEK	152
NTDB id	244	SPR	RS03300	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGAKGFRMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNTLEK	152
NTDB id	242	SP	RS03655	WP	000613477.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGAKGFRMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRNTLEK	152
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGTGKGRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRHRLEK	152
NTDB id	445	SPYM3	RS01720	WP	002985850.1	LAIVDTMNFIKA	DVQTIVMGMAASMGTVIASSGTGKGRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAAEHLLKTRHRLEK	152
NTDB id	376	SMU	RS07595	WP	255262720.1	LAIVDTMNFIKS	DVQTIVMGTAASMGTTIASSGAKGFRMLPNAEYLIHQPMGGTGGGTQQSDMAIAAEQLLKTRKKLEK	160
NTDB id	126836	ID12	RS01800	WP	007500118.1	MAYIDTMCFIKPKVSTICIGMAASMGAFLLAAGEKGKRYALPNSEVMIHQPLGGAQG..QATEIEIAAKRIILSLRDKLNQ	152	
NTDB id	86	BSU	34540	NP	391334.1	MAYIDTMCFIKPKVSTICIGMAASMGAFLLAAGEKGKRYALPNSEVMIHQPLGGAQG..QATEIEIAAKRIILLRLDKLNK	152	
NTDB id	1223	Cj0192c	YP	002343650.1	FSAIIDTMNYIKPDVCTICIGQAASMGAFLLSCGAEGKRFALPNSRIMIHQPLGLGAR.G.QATDIEIQAKEILRLKITLND	151		
consensus						**!*!*	*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!	*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!*!!**!

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSL	EQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSL	EQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..	199
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGQP	IEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQP	IEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAAQNAGKT	IKQIHKAERDYWMSAEETLAYGFIDEIMENNELK..	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAAQNAGKT	IKQIHKAERDYWMSAEETLAYGFIDEIMENNELK..	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKT	IKQIHKAERDYWMDAKETLKYGFIDEIMENNELK..	204
NTDB id	126836	ID12	RS01800	WP	007500118.1	VLAERTGGP	LEVIERDTDRDNFKTAEEALQYGLIDKVLTRNTEEQK	198
NTDB id	86	BSU	34540	NP	391334.1	VLAERTGGP	LEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.	197
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNTIKQ	KVIAKIDTERDFFMSAQAQEAKEYGLIDKVLKSFK..	194	
consensus						*!*****!	****!*!!**!!***!!*!***!!*!!*!*	

 non conserved
 similar
 $\geq 50\%$ conserved