

[illegible]

NTDB id	602	KW2 RS03060 WP 011834647.1	LAIVDTMNFIKS	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYLIHQPMGGAGQGTTQTDMIAIVAEQLLKTRKRLEQ	155
NTDB id	611	V4T04 RS07970 WP 003129593.1	LAIVDTMNFIKS	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYLIHQPMGGTGQGTQTDMIAIVAEQLLKTRKRLEQ	155
NTDB id	330	STU RS11365 WP 002949732.1	LAIVDTMNFIKS	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNNLEQ	152
NTDB id	298	STER RS01925 WP 002949732.1	LAIVDTMNFIKS	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNNLEQ	152
NTDB id	282	KZH43 RS03215 WP 000613477.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	AKGGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNTLEK	152
NTDB id	246	SPD RS03495 WP 000613477.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	AKGGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNTLEK	152
NTDB id	244	SPR RS03300 WP 000613477.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	AKGGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNTLEK	152
NTDB id	242	SP RS03655 WP 000613477.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	AKGGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRNTLEK	152
NTDB id	446	SpyM6JRS4 RS01695 WP 002985850.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRHRLEK	152
NTDB id	445	SPYM3 RS01720 WP 002985850.1	LAIVDTMNFIKA	DVQTI VMGMAASMGTVIASSGT	TGKGRFMLPNAEYMIHQPMGGTGGGTQTDMIAAAEHLLKTRHRLEK	152
NTDB id	376	SMU RS07595 WP 255262720.1	LAIVDTMNFIKS	DVQTI VMTGAASMGTVIASSGT	AKGGRFMLPNAEYLIHQPMGGTGGGTQQSDMAIAAEQLLKTRKKLEK	160
NTDB id	1223	Cj0192c YP 002343650.1	FSLVDTMNFIKP	DVCTICIGQAASMGAFILISCGAECKRFALPNSSRIIMIHQP LGGARG.. QATDIEIQAKEITRLKITLND		151
NTDB id	241266	BaGK RS18120 WP 003326811.1	MAYDTMQFIKPKVS	TCICIGAASMGAFLLAAGEKGKRYALPNSEVMIHQP LGGAQG.. QATEIEIAAKRILLLRDKLNK		152
NTDB id	86	BSU 34540 NP 391334.1	MAYDTMQFIKPKVS	TCICIGAASMGAFLLAAGEKGKRYALPNSEVMIHQP LGGAQG.. QATEIEIAAKRILLLRDKLNK		152
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	1223	Cj0192c	YP	002343650.1	ILAKNTIKQ	KKVAKIAKDTERDFFMSAQEAKKEYGLIDKVLKSFK..	194	
NTDB id	241266	BaGK	RS18120	WP	003326811.1	VLAERTTGQ	PLEVIERDTDRDNFKSAEEAMEYGLIDKVLTRNTEEQK	198
NTDB id	86	BSU	34540	NP	391334.1	VLAERTTGQ	PLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.	197
consensus						*!*****	****!*!!**!!!**!!!*!***!!*!***!!*!*	**

 non conserved
 similar
 $\geq 50\%$ conserved