

NTDB id	602 KW2 RS03060 WP 011834647.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIIMLTGPVEDGMANSIIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	75
NTDB id	611 V4T04 RS07970 WP 003129593.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIIMLTGPVEDGMANSIIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	75
NTDB id	330 STU RS11365 WP 002949732.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPIEDNMANSIIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	72
NTDB id	298 STER RS01925 WP 002949732.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPIEDNMANSIIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	72
NTDB id	282 KZH43 RS03215 WP 000613477.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDS	TCKDIYLYVNTPGGSVSAG	72
NTDB id	246 SPD RS03495 WP 000613477.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDS	TCKDIYLYVNTPGGSVSAG	72
NTDB id	244 SPR RS03300 WP 000613477.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDS	TCKDIYLYVNTPGGSVSAG	72
NTDB id	242 SP RS03655 WP 000613477.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDS	TCKDIYLYVNTPGGSVSAG	72
NTDB id	446 SpyM6JRS4 RS01695 WP 002985850.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	72
NTDB id	445 SPYM3 RS01720 WP 002985850.1	MIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSVIAQLLFDAQDN	TCKDIYLYVNTPGGSVSAG	72
NTDB id	376 SMU RS07595 WP 255262720.1	MELKEKYSMIPVVIEQTSGRSERSYDIYSRLKDRIIIMLTGPVEDNMANSIIAQLLFDAQDN	TCKDIYL I NSPGGSVSAG	80
NTDB id	1223 Cj0192c YP 002343650.1	MFIPYVVEIKSSRGERSYDIYSRLKDRIIIMLSGEIHDELAASIVAQLLFLAEADP	TCKDIYLI N SPPGVITSG	73
NTDB id	147479 ABH13 RS16495 WP 003151513.1	MNLIPTVIEQTNRGERAYDIYSRLKDRIIIMLGSAIDNVANSIVSQLLFLEADEDPEKDISTIYN	INSPGGSI T AG	74
NTDB id	86 BSU 34540 NP 391334.1	MNLIPTVIEQTNRGERAYDIYSRLKDRIIIMLGSAIDNVANSIVSQLLFLAAEDEDPEKEISLIYN	INSPGGSI T AG	74
consensus		* * ! * ! ! ! *		

[illegible]

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 IHKDAERDYWSAEETLAYGFIDEIMENNELK..	196
NTDB id	445 SPMY3 RS01720 WP 002985850.1	ILAAQNAGKT IHKDAERDYWSAEETLAYGFIDEIMENNELK..	196
NTDB id	376 SMU RS07595 WP 255262720.1	ILSDNSGKT IKQHKAERDYWMDAKETLKYGFIDEIMENNELK..	204
NTDB id	1223 CjO192c YP 002343650.1	ILAKN TKKKVAKIAKDTERDFFMASQAEAKEYGLIDKVLKSFK... 	194
NTDB id	147479 ABH13 RS16495 WP 003151513.1	VLAERTGGPLEVIERDTDRDNF KSADEALEYGLIDKVLTRNTEDQK	198
NTDB id	86 BSU 34540 NP 391334.1	VLAERTGGPLEVIERDTDRDNF KSAEEALEYGLIDKLTHLTEDKK.	197
consensus		*!***** **!*!!**!!!***! !****!!*! **** * *	

 non conserved
 similar
 $\geq 50\%$ conserved