

[illegible][illegible]

NTDB id 361 SMU RS01310 WP 002262737.1	SGGMRQRAVIAIALATNFEILVADEPTTALDVTIQAQIHLHMKIEIQKNTDSSIIFITHDLGVVAGMADRVAVMYAGKIVE	236
NTDB id 977674 MGAS37839 RS08210 WP 010921893.1	SGGMRQRIVIAIALACRPDILICDEPTTALDVTIQAQIVELLKSLQREYHFTIIFITHDLGVVASIADKVAVMYAGEIVE	240
NTDB id 478 HSIS4 RS06985 WP 021143811.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFVIFITHDLGVVASIADKVAVMYAGEIIE	240
NTDB id 327 STU RS16115 WP 011226304.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFVIFITHDLGVVASIADKVAVMYAGEIIE	240
NTDB id 295 STER RS06915 WP 011226304.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFVIFITHDLGVVASIADKVAVMYAGEIIE	240
consensus	*****	

NTDB id 361	SMU RS01310 WP 002262737.1	YGTVDDEVFYNPQHPPYTWGLLNSMPTTNTAS	GSLSHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEEPPFFKVSDDSHYAA	316
NTDB id 977674	MGAS37839 RS08210 WP 010921893.1	FGTVEEIFYDPRHPYTWSLLSSLPQLADES	GELIYAIPGTPPSLYSPIIGDAFALRSEYAMVLDFEKAPPAINVSETHWAK	320
NTDB id 478	HSISS4 RS06985 WP 021143811.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDK	GELFSIPGTPPSLYTTPVVGDAFALRSDYAMQIDFEEKAPQFQVSDTHWAK	320
NTDB id 327	STU RS16115 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDN	GKLFSSIPGTPPSLYTTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
NTDB id 295	STER RS06915 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDN	GKLFSSIPGTPPSLYTTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
consensus		*****	*****	

NTDB id 361	SMU RS01310 WP 002262737.1	TWLLDTRAPKTPPERILRWEEKWSLQGEKHND.....	350
NTDB id 977674	MGAS37839 RS08210 WP 010921893.1	TWLLHPEAPKVQKPEVIQDLHQIKLRKMSQQEEGV....	356
NTDB id 478	HSISS4 RS06985 WP 021143811.1	TWLLHEDAPKVVKPAVIQNLEHKIRANMGFAHLGDEEEGNA	361
NTDB id 327	STU RS16115 WP 011226304.1	TWLLHEDAPKVVKPAVIQNLEHKILANMGFAHLGDEEEGNA	361
NTDB id 295	STER RS06915 WP 011226304.1	TWLLHEDAPKVVDKPAVIQNLEHKILANMGFAHLGDEEEGNA	361
consensus		!! ! ! * * * * ! ! ! * * * * ! ! ! * * * * ! ! ! * * * * ! ! ! * * * * ! ! ! * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved