

[illegible][illegible]

NTDB id 361	SMU RS01310 WP 002262737.1	SGGMRQRAVIAIALATNFEILVADEPTTALDVTIQAQIIHLMKIEIQKNTDSIIIFITHDLGVVAGMADRVAVMYAGKTIVE	236
NTDB id 977506	MGAS37844 RS08210 WP 010921893.1	SGGMRQRIVIAIALACRPDIILICDEPTTALDVTIQAQIIVELLKSLQREYHFTIIFITHDLGVVASIADKVAVMYAGEIIVE	240
NTDB id 478	HSISS4 RS06985 WP 021143811.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE	240
NTDB id 327	STU RS16115 WP 011226304.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE	240
NTDB id 295	STER RS06915 WP 011226304.1	SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE	240
consensus		***** ** * * * * * * * * * * * * * * * * *	

NTDB id 361	SMU RS01310 WP 002262737.1	YGTVDDEVFYNPQHPPYTWGLLNSMPTTNTAS	GSLSHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEPPFFKVS	SHYAA	316
NTDB id 977506	MGAS37844 RS08210 WP 010921893.1	FGTVEEIFYDPRHPYTWSLLSSLPQLADESGEL	YAIAGTPPSPLYSPIIGDAFALRSEYAMVLDFEKAPPA	INVSETHWAK	320
NTDB id 478	HSIS4 RS06985 WP 021143811.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDK	GELFSIPGTPPSLYTTPVVGDAFALRSDYAMQIDFEEKAPQ	FQVSDTHWAK	320
NTDB id 327	STU RS16115 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDN	GKLFSSIPGTPPSLYTTPVVGDAFALRSDYALQIDFEEKAPQ	FQVSDTHWAK	320
NTDB id 295	STER RS06915 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDN	GKLFSSIPGTPPSLYTTPVVGDAFALRSDYALQIDFEEKAPQ	FQVSDTHWAK	320
consensus		*** ** ** ** **	*** ** ** ** **	*** ** ** ** *	

[illegible]

 non conserved
 similar
 $\geq 50\%$ conserved