

[illegible][illegible]

NTDB id 361	SMU RS01310 WP 002262737.1	SGGMRQRAVIAIALATNFEILVADEPTTALDVTIQAQIIHLMKIEIQKNTDSIIIFITHDLGVVAGMADRVAVMYAGKTIVE	236
NTDB id 978821	MGAS37827 RS08190 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	YGTVDDEVFYNPQHPTYWGLLNSMPTTNTAS	GSLSHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEPPFFKVS	DSHYAA	316
NTDB id 978821	MGAS37827 RS08190 WP 010921893.1	FGTVEEIFYDPRHPYTWSLSSLPQLADESGEL	YAIAGTPPSLYSPIIGDAFALRSEYAMVLDFEKAPPA	INVSETHWAK	320
NTDB id 478	HSIS4 RS06985 WP 021143811.1	YATVEEIFYEPCHPYTWSLSSLPQLADDK	GELFSIPGTPPSLYTPVVGDAFALRSDYAMQIDFEEKAP	QFQVSDTHWAK	320
NTDB id 327	STU RS16115 WP 011226304.1	YATVEEIFYEPCHPYTWSLSSLPQLADDN	GKLFSSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAP	QFQVSDTHWAK	320
NTDB id 295	STER RS06915 WP 011226304.1	YATVEEIFYEPCHPYTWSLSSLPQLADDN	GKLFSSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAP	QFQVSDTHWAK	320
consensus		*** ** ** ** **	*** ** ** ** **	*** ** ** ** * ** ** **	

NTDB id	361	SMU RS01310 WP	002262737.1	TWLLD D RAPKTPPERILQRWEEKWSLQGEKHND.....	350
NTDB id	97821	MGAS37827 RS08190 WP	010921893.1	TWLLHPEAPKVQKPEVIQDLHQIKLRMSQQEEGV....	356
NTDB id	478	HSISS4 RS06985 WP	021143811.1	TWLLHEDAPKVEKPAVIQN L HEKIRANMGFAHLGDDEEGNA	361
NTDB id	327	STU RS16115 WP	011226304.1	TWLLHEDAPKV D KPAVIQN L HEKILANMGFAHLGDDEEGNA	361
NTDB id	295	STER RS06915 WP	011226304.1	TWLLHEDAPKV D KPAVIQN L HEKILANMGFAHLGDDEEGNA	361
consensus				***** *** ** *****	

 non conserved
 similar
 $\geq 50\%$ conserved