

NTDB id	361	SMU RS01310 WP 002262737.1	. .MSKEKILQVNNLHVNFHTYAGEVKAIRDVSFYLEKGETLAIVGESGSGKSVTTRTLMLGLSAKNAEI.FGDTEFKGHNL	77
NTDB id	977618	MGAS37842 RS08210 WP 010921893.1	MTKENNVILTAKDVVFVEFDVRDRVLTAIRNVSIELVEGEVLAIFVGESGSGKS SVLTKTFTGMLESNGRIANGSIIVRGQEL	80
NTDB id	478	HSISS4 RS06985 WP 021143811.1	M TENKNVILSARDIVFEF DVRDRVLT AIRGVSLDLVEGEVLALVGESGSGKS SVLT KTFTGMLEENGRVASGSIDYRQG DL	80
NTDB id	327	STU RS16115 WP 011226304.1	M TENKNVILSARDIVFEF DVRDRVLT AIRGVSLDLVEGEVLALVGESGSGKS SVLT KTFTGMLEENGRVASGSIDYRK D L	80
NTDB id	295	STER RS06915 WP 011226304.1	M TENKNVILSARDIVFEF DVRDRVLT AIRGVSLDLVEGEVLALVGESGSGKS SVLT KTFTGMLEENGRVASGSIDYRK D L	80
consensus			* * * * *	

NTDB id 361	SMU RS01310 WP 002262737.1	NDLK [*] E [*] EDWVH [*]	IRGND [*] ISMIFQDPM [*] TSLD [*]	P [*] TMRL [*] IGLQIAEPTI [*] KHEKV [*]	TKKEAL [*] KRALDMMEKVGIPNAQEHI [*] NDYPHQ [*]	156
NTDB id 977618	MGAS37842 RS08210 WP 010921893.1	TDLKT [*] NK [*] EWAK [*]	IRGSKIATIFQDPM [*] TSLS [*]	PIKTIGSQIT [*] EVIIKHQKV [*]	SHAKAKEMALDYMKVGI [*] PNKKRFEDYPF [*] EY [*]	160
NTDB id 478	HSISS4 RS06985 WP 021143811.1	TKLKSHQDWAH [*]	IRGAKIATIFQDPM [*] TSLD [*]	PIKTIGSQI [*] VEVIVKHGGKS [*]	SAKEAKMAIDYMDKVGIPDAEKRFNEYPPFQY [*]	160
NTDB id 327	STU RS16115 WP 011226304.1	TKFKSHQDWAA [*]	IRGAKIATIFQDPM [*] TSLN [*]	PIKTIGSQI [*] I [*] EVIVKHQGKTAKEAKMAIDYMDKVGIPDAEKRFNEYPPFQY [*]		160
NTDB id 295	STER RS06915 WP 011226304.1	TKFKSHQDWAA [*]	IRGAKIATIFQDPM [*] TSLN [*]	PIKTIGSQI [*] I [*] EVIVKHQGKTAKEAKMAIDYMDKVGIPDAEKRFNEYPPFQY [*]		160
consensus		** ** *	! ! ! ! !	** ** *	! ! ! ! !	

[illegible]

NTDB id 361	SMU RS01310	WP 002262737.1	YGTVDDEVFYNPQHPPYTWGLLNSMPTTNTAS	GSLSHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEPPFFKVSDDSHYAA	316
NTDB id 977618	MGAS37842	RS08210 WP 010921893.1	FGTVEEIFYDPRHPYTWSLLSSLPQLADES	GELYAIPTGTPPSLYSPIIGDAFALRSEYAMVLDFEKAPPAINVEETHWAK	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	TWLLD D RAPK I TPPER I L R WEK W KS L QGEK H ND.....	350
NTDB id 977618 MGAS37842 RS08210 WP 010921893.1	TWLLH P EAPKVQ K PEV I QD L H Q KIL R KMS S QEEG N V.....	356
NTDB id 478 HSIS54 RS06985 WP 021143811.1	TWLLHEDAPKV E KPAVIQNLHEK I L R ANMGFAHLGDEEEGNA	361
NTDB id 327 STU RS16115 WP 011226304.1	TWLLHEDAPKV D KPAVIQNLHEK I L R ANMGFAHLGDEEEGNA	361
NTDB id 295 STER RS06915 WP 011226304.1	TWLLHEDAPKV D KPAVIQNLHEK I L R ANMGFAHLGDEEEGNA	361
consensus	!!!! * * * * ! ! ! ! * * * * ! ! ! ! * * * * ! ! ! ! * * * * ! ! ! ! * * * * ! ! ! !	

 non conserved
 similar
 $\geq 50\%$ conserved