

MSASIRAFDPLTAPISGNTNIEASAGTGKTYGIAALFTRLIVLEQKSVERVLVVTFTKAATAELKTRLRARLDDVLQVLESKEIA
MSASIRAFDPLTVPISGNTNIEASAGTGKTYGIAALFTRLIVLEQKSVERVLVVTFTKAATAELKTRLRARLDDVLQVLESKEIA
MSAPIRAFDPLTAPISGNTNIEASAGTGKTYGIAALFTRLIVLEQKSVERVLVVTFTKAATAELKTRLRARLDDVLQVLESKEIA
!!*!!

WRIHPDLNGNSYRKNSF^{AE}ELF^{DA}LEQKALSTDLPFLSAKLHERLLKLSSDKLEAGLKKGKTPDAAVFAELQKLADFGRDLDALEE
 WRIHPDLNGNSYRKNSF^{AE}ELF^{DA}LEQKALSTDLPFLSAKLHERLLKLSSDKLEAGLKKGKTPDAAVFAELQKLADFGRDLDALEE
 WRIHPDLNGNSYRKNSF^{AE}ELF^{DA}LEQKALSTDLPFLSAKLHERLLKLSSDKLEAGLKKGKTPDAAVFAELQKLADFGRDLDALEE

[illegible]

QTHG|ETRL|SRNNGRSLTNYFQ|LELLAAEDAQNRNPAALHKW|LRDQ|SLAGNNGG|DNRAIR|LESD|EDLVKIVTMHASKGLQYP

QTHGIETRLLSRNNGRSLTNYFQLELLAAEDAQNRNPAALHKWLRDQISLAGNNGGDNRAIRLESD|EDLVKIVTMHASKGLQYP 765

QTHGIETRLLSRNNGRSLTNYFQLELLAAEDAQNRNPAALHKWLRDQISLAGNNGGDNRAIRLESD|EDLVKIVTMHASKGLQYP 765

LVYCPFAIMDAQDTGPSDWILHQ^SANR^TELLAKAQLSE^SEQKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL
 LVYCPFAWDAQDTGPSDWILHQ^GANR^AELLAKAQLSEDEEQKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL 850
 LVYCPFAWDAQDTGPSDWILHQ^GANR^AELLAKAQLSESEEQKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL 850

[illegible]

LSR^Q_{HT}QTPD^GGEEDACPSLDAAETSVAMPSETPTASDGI^SI^HD^FPKGTQAGLCLHEILEDFKFGQAAAG^EQETLI^TADKLKKYGFE
 LSR^Q_{HT}QTPD^GGEEDACPSLDAAETSVAMPSETPTASDGI^SI^HD^FPKGTQAGLCLHEILEDFKFGQAAAG^EQETLI^TADKLKKYGFE 1020
 LSR^Q_{HT}QTPD^GGEEDACPSLDAAETSVAMPSETPTASDGI^SI^HD^FPKGTQAGLCLHEILEDFKFGQAAAG^EQETLI^TADKLKKYGFE 1020
 **

E I W L P A V A E M A E A C R K T P L T G A Y C L S D I P P G Y R R P E M G F T L H T E D F G L K R L R D W L A R D D I R L P E V C R A A A E T L D F H T V N G F L N G F
E I W L P A V A E M A E A C R K T P L T G A Y C L S D I P P E Y R C P E M G F T L H T E D F G L K R L R D W F A R D D I R L P E V C R A A A E T L D F H T V N G F L N G F 1105
E I W L P A V A E M A E A C R K T P L T G A Y C L S D I P P G C R R P E M G F T L H T E D F G L K R L R D W L A R D D I R L P E V C R A A A E T L D F H T V N G F L N G F 1105

1190
 1186

logo

NTDB id 39072 NLA RS07530 WP 013449229.1	WRWDIDAAALEQIK	1204
NTDB id 1132 OK783 RS01905 WP 010951035.1	WRWDIDAAALEQIK	1200
consensus	!!!!!!!!!!!!!!	

-  non conserved
-  similar
-  ≥ 50% conserved