

MSDPTLFDYSMIKGTVEAILFQNSDNFYTVLKVDITETNEDFD.TMPTTVVGFLPNIVEGDVYTFKGQGVVDHPRYGKQLKAE
MQQHMDLLKEDEPMTEAITFHDDNFYTVLKVKVTETSEAFDDKAPSTTFFATQEEDTKKIVDHPRYGLQLQAE

[illegible]

RNQVQVAPASQKEALQTALNSPVMLLTGGPGTGKTTVIRGIVELYGELHGVSLDYSDYVWVEDYPVLAAPTGRASKRMSESTGLPE
 AMDVNIAAATKATNSKMLLLTGGPGTGKTTVIRGIVELYAETHGLSLDYPDAKKDDAFIVLAAPTGRASKRLQESTGLE
 ANQVNYAASQKEALQTALINSKVMLLTGGPGTGKTTVIRGIVELYAEIHGLSLDYDDYVNDDYPVLAAPTGRASKRLQESTGLE
 RMDVQYAPASQKEALIKKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRASKRMSESTGLP

RLTEVYRQQEGSSVELAHQMKNGQLPNTLTQRTKDRSFRCQGSQIPTWEKWTSAVYVNGGYTMDIQVLAPMYRGKAGINRKLNL
 NLTEVYRQQDGSSIIELAHRMKLGKQKILDITQRFHDRSFINCQANQIPTVVEKVVTSAYVNGGYTMDIQVLAPMYRGKAGIKRNLN
 RLTDITYRQAEQGSSVELAHQMKNGLLPNNLTAPTDRSFIRCGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNL

586
595

NTDB id 87955 OCX19 RS08520 WP 001283312.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



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consensus



-  non conserved
-  similar
-  $\geq 50\%$ conserved