

logo

NTDB id 46768 HPSAT RS00200 WP 012443264.1
NTDB id 1217 CAA10656.1 1440..2420()
consensus

MRKVL^YAL^MGFLLAFSAL^RADDFLEEANETAPANLNHPMQDLNAIQGSFFDKNRSKMSNTLNIDYFQGQTYKIRLRYAMATLLFF

MRKVL^YAL^VGFLLAFSAL^RADDFLEEANETAPANLNHPMQDLNAIQGSFFDKNRSKMSNTLNIDYFQGQTYKIRLRYAMATLLFF

MRKVL^YAL^MGFLLAFSAL^KADDFLEEANETAPANLNHPMQDLNAIQGSFFDKNRSKMSNTLNIDYFQGQTYKIRLRYAMATLLFF

!!!!!!!!*!!!!!!!!*!!

85
85

logo

NTDB id 46768 HPSAT RS00200 WP 012443264.1
NTDB id 1217 CAA10656.1 1440..2420()
consensus

SKPI^SDFVLGDKVGFDAKILE^SNDRI^LLLIKPLQIGVDSN^YSVID^SEGKIFSFYVFSTTFTSSKHPNLQVFI^EDKN^YYSNAF^MKPQ

SKPISDFVLGDKVGFDAKILE^SNDRI^LLLIKPLQIGVDSN^VSVID^NEGKIFSFYVFSTTFTSSKHPNLQVFI^EDKN^YYSNAF^MKPQ

SKPISDFVLGDKVGFDAKILE^SNDRI^LLLIKPLQIGVDSN^ISVID^SEGKIFSFYVFSTTFTSSKHPNLQVFI^EDKN^YYSNAF^LKPQ

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!

170
170

logo

NTDB id 46768 HPSAT RS00200 WP 012443264.1
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consensus

NKEN^TLEN^TPT^T...NNKPLKE^KKEET^KKEEETITIGDNTNAMKIVKKDIQKGY^RALKSSQRK^WYCLGICSKKSKLSLMP^KEIF

NKENTLEN^TPT^T...NNKPLKEEKEET...KEEETITIGDNTNAMKIVKKDIQKGY^RALKSSQRK^WYCLGICSKKSKLSLMP^EEIF

NKENVLENA^LENTPT^TNNKPLKEKKEETKEKEEETITIGDNTNAMKIVKKDIQKGY^KALKSSQRK^WYCLGICSKKSKLSLMP^KEIF

!!!!!!****!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

250
255

<0

logo

NTDB id 46768 HPSAT RS00200 WP 012443264.1
NTDB id 1217 CAA10656.1 1440..2420()
consensus

NDKQFTYFKFDK^RLALSKFPVIYKVDGYDNPVNTRIVGDYIIAEDVS^AKWTLRLGKDYL^CIRF^VKKGKDE

NDKQFTYFKFDK^KLALSKFPVIYKVDGYDNPVNTRIVGDYIIAEDVSAKWTLRLGKDYL^CIRF^VKKGKDE.

NDKQFTYFKFDK^RLALSKFPVIYKVDGYDNPVNTRIVGDYIIAEDVSTKWTLRLGKDYL^CIRF^VKKGKDE*

!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!

321
326

X non conserved

X similar

X ≥ 50% conserved