

logo

NTDB id 96312 OW489 RS04645 WP 120857046.1
NTDB id 1206 C694 RS04180 WP 000774319.1
consensus

MADLLSSLK^{SN}LV^{PH}SSGVYQYFDKNRQLLYIGKAKNLKKRIKSYFSYRNEITPN^{YH}RTSLRIQMMVKQIAFLETILVENEQDALIL
MADLLSSLK^{SH}LV^{PH}SSGVYQYFDKNRQLLYIGKAKNLKKRIKSYFSYRNEITPN^{YH}RTSLRIQMMVKQIAFLETILVENEQDALIL
MADLLSSLK^{SN}LV^{PH}SSGVYQYFDKNRQLLYIGKAKNLKKRIKSYFSYRNEITPN^{YH}RTSLRIQMMVKQIAFLETILVENEQDALIL
* * * * *

85
85

logo

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consensus

ENSLIKQLKPKYNILLRDDKTPYIYMDFSTDFPIPLITRKILKQPGVKYFGPFTSGAKDILDSLYELLPLVQKKNCIKDKKACM
 ENSLIKQLKPKYNILLRDDKTPYIYMDFSTDFPIPLITRKILKQPGVKYFGPFTSGAKDILDSLYELLPLVQKKNCIKDKKACM
 ENSLIKQLKPKYNILLRDDKTPYIYMDFSTDFPIPLITRKILKQPGVKYFGPFTSGAKDILDSLYELLPLVQKKNCIKDKKACM

170
170

logo

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consensus

FYQIERCKAPCENKITKEEYLKIAKECLEMIENKDKLKELELKMERSNNLRFEELIYRDRIAKIQKIAPFTCMDLAKLYDLD
 FYQIERCKAPCENKITKEEYLKIAKECLEMIENKDKLKELELKMERSNNLRFEELIYRDRIAKIQKIAPFTCMDLAKLYDLD
 FYQIERCKAPCENKITKEEYLKIAKECLEMIENKDKLKELELKMERSNNLRFEELIYRDRIAKIQKIAPFTCMDLAKLYDLD

255
255

logo

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consensus

IFAFYSGSNKAVLVKMFMRGGKIISSAFEKIHSLNGFDTDEAMKQAIINHYQSHLPLMPEQILLNACSNETLKELQEFISHQYSK
 IFAFYSGSNKAVLVKMFMRGGKIISSAFEKIHSLNGFDTDEAMKQAIINHYQSHLPLMPEQILLNACSNETLKELQEFISHQYSK
 IFAFYGSNKA^{*}VLVKMFMRGGKIISSAFEKIHSLNGFDTDEAMKQAIINHYQSHLPLMPEQILLNACSNETLKELQEFISHQYSK

340
340

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

425
425

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consensus

RRYHLKGS_NEYTMSELLTRRALD_FNKEPPPNLWVIDGGR_AQLNIALEILKSSGSFVEVIAISKEKRDSKAYRSKGGAKDIIHT_P
 RRYHLKGS_NEYTMSELLTRRALD_FNKEPPPNLWVIDGGR_VQLNIALEILKSSGSFVEVIAISKEKRDSKAYRSKGGAKDIIHT_A
 RRYHLKGS_DEYTMSELLTRRALD_FAKEPPPNLWVIDGGR_AQLNIALEILKSSGSFVEVIAISKEKRDSKAYRSKGGAKDIIHT_P*

510
510

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consensus

SDTFKLLPSDKRLQWVQKL RDESHRYAINFHRSTKLK N M K Q I A L L K E K G I G E A S V K K L L D Y F G S F E A I E K A S E Q E K N A V L K K R I
NDTFKLLPSDKRLQWVQKL RDESHRYAINFHRSTKLK N M K Q I A L L K E K G I G E A S V K K L L D Y F G S F E A I E K A S E Q E K N A V L K K R I
SDTFKLLPSDKRLQWVQKL RDESHRYAINFHRSTKLK N M K Q I A L L K E K G I G E A S V K K L L D Y F G S F E A I E K A S E Q E K N A V L K K R I

94
94

 non conserved
 similar
 $\geq 50\%$ conserved