

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

MRNSRLLLPMMAASATAGITAAAYFPAIFLFILFLLIILIKTRHAFLIIVCFFSFILFFVLYAVTDSQNVSSYRQGTYP
MRNSRLLLPMMAASATAGITAAAYFPAIFLFILFLLIILIKTRHAFLIIVCFFSFILFFVLYAVTDSQNVSSYRQGTYP
MRNSRLLLPMMAASATAGITAAAYFPAIFLFILFLLIILIKTRHAFLIIVCFFSFILFFVLYAVTDSQNVSSYRQGTYP

80
80

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

KAVDITPKIDGRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDMEYLYRQHI
KAVDITPKIDGRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHI
KAVDITPKIDGRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHI

160
160

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

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

240
240

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

GILTAGLFYIMIRLGITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVHSATAICLSYIVLLLFNP
GILTAGLFYIMIRLGITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVHSATAICLSYIVLLLFNP
GILTAGLFYIMIRLGITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVHSATAICLSYIVLLLFNP

320
320

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

YHLFEAGFQLSFAVSFSLILSSSIHQVKTSLGQLTIVSLIAQLGSLPILLYHFHQFSISVPMNMLMVPFYTCILPGA
YHLFEAGFQLSFAVSFSLILSSSIHQVKTSLGQLTIVSLIAQLGSLPILLYHFHQFSISVPMNMLMVPFYTCILPGA
YHLFEAGFQLSFAVSFSLILSSSIHQVKTSLGQLTIVSLIAQLGSLPILLYHFHQFSISVPMNMLMVPFYTCILPGA

400
400

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

VAGVLLLSLSxSFGRLFFSWFDLLISHTNRLITNIADVbVFTIMAH PAPVLLFLFTVTIILLMAIEKRSLSQLMVTGQ

VAGVLLLSLSV[SFGRLFFSWFDLLISHTNRLITNIADVbVFTIMAH PAPVLLFLFTVTIILLMAIEKRSLSQLMVTGQ

VAGVLLLSLSA[SFGRLFFSWFDLLISHTNRLITNIADVbVFTIMAH PAPVLLFLFTVTIILLMAIEKRSLSQLMVTGQ

*

480
480

logo

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus

CCTVMFLLFYIYPCLSSEGEVDMIDIGQGDSMFVGVAPHQRGRVLIDTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKG
 ICCTVMFLLFYIYPCLSSEGEVDMIDIGQGDSMFVGVAPHQRGRVLIDTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKG
 ICCTVMFLLFYIYPCLSSEGEVDMIDIGQGDSMFVGVAPHQRGRVLIDTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKG

560
560

NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus



NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus



NTDB id 103409 QUE82 RS13265 WP 033881047.1
NTDB id 107 BSU 25570 NP 390435.1
consensus



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