

logo

NTDB id 154063 DE8669 RS02250 WP 014582479.1

NTDB id 1098 NMB RS01465 WP 002224844.1

NTDB id 1099 NMB RS01545 WP 002215704.1

consensus

MKLKHLALTYLTLLAALAACTSSQVQTSVPADSAPSSSSAPAAPALTEGNYTVLSTPIPQQQAGKVEVLEFFGYFCPHCA

MKLKHLPLT.....LSAVLSAQAYALTEGEDYLVLDKPIPQEQSGKIEVLEFFGYFCVHCH

MKSRHLALGVAAAFALAAACDSKVQTSVPADSAPAA.SAAAAPACLVEGQNYTVLANPIPQQQAGKVLEVLEFFGYFCPHCA

MKLKTLALTSLTLLAALAACTSKQAEQTSVPADSAPSSSSAPAAPALNEGVTNYTVLSTPIPQQQAGKIEVLEFFGYFCPHCA

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

57
79
80

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NTDB id 1099 NMB RS01545 WP 002215704.1

consensus

HLEPVLSKHKFEKDDYLRTEHWIQENLLARLAAAVNMAGEKDYANSHIFDAMNQKILNTEVLLKWLSEQT

HFDPLLLKLCKALPSDAYLRTEHVWQPEMLGLARMAAAVNLSGL..KYQANPAVFKAVVEQKIRLENRAVAGKWALSQK

HLEPVLSKHAKSFKDDMYLRTEHVWQKEMLTLARLAAAVDMAADSKDVANSHIFDAMVNQKIKLQNPFLVKKWLGEXT

HLEPVLSEHIKTFKDDTYMREHVWGDENKPLARLAAAVEMAGE..SDKANSHIFDAMVNQKINLADTTLKKWLSEQT

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

135
159
158

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consensus

AFDGGKVLAAYESPESQARAKMQELTEFQDGTPTVIVGGKYVEFNDWQSGMNTIDLVDKVREEQKRPQ

GFDGKKLMRAYDSPEAAAAALKMQLTEQYGIDSTPTVIVGGKYVIFNNGFDGCVHTIKELVAKVREEERKQTPAVQK

AFDGGKVLAAYESPESQARADKMQELTETFDIDGTPTVIVGGKYVEFAD.WESGMNTIDLLADKVREEQKAAQ.....

AFDGGKVLAAFEAPESQARAAQMBELTNKFQISGTPTVIVGGKYQVEFKD.WQSGMTTIDQLVDKVREEQKMPQ.....

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

214
232
231

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved