

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus

MFRRWFLPCWVVGVAVSFALSVPVPHWPFWLAFAVLAVLARRFAFAGLMLCVLAGAAYGVFRTEAALSSQWRAEAVSGVPLTVEV
MFRRWFLPCWVVGVAVSFALSVPVPHWPFWLAFAVLAVLARRFAFAGLMLCVLAGAAYGVFRTEAALSSQWRAEAVSGVPLTVEV
!!

85
85

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus

TDMPRSDGRRVQFAAKAVDSGGRTFDLLLSDYKRREWAVGSRWRITARVHPVVGELNLRGLNREAWALSNGVGGVGTGADRVL
TDMPRSDGRRVQFAAKAVDSGGRTFDLLLSDYKRREWAVGSRWRITARVHPVVGELNLRGLNREAWALSNGVGGVGTGADRVL
TDMPRSDGRRVQFAAKAVDSGGRTFDLLLSDYKRREWAVGSRWRITARVHPVVGELNLRGLNREAWALSNGVGGVGTGADRVL
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170
170

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus

HGGSGWGIAVWRSRISRNWRQADADGGLSDGIGLMRALSVGEQSALRPGLWQAFRPLGLTHLVSISGLHVTMVAVLFWLAQRLL
HGGSGWGIAVWRSRISRNWRQADADGGLSDGIGLMRALSVGEQSALRPGLWQAFRPLGLTHLVSISGLHVTMVAVLFWLAQRLL
HGGSGWGIAVWRSRISRNWRQADADGGLSDGIGLMRALSVGEQSALRPGLWQAFRPLGLTHLVSISGLHVTMVAVLFWLAQRLL
!!

255
255

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus

ACSPRLPARPRAWVLAAGCAGALFYALLAGFSVPTQRSVLMIAAFAWARRGRLSAWATWQALAAVLLFDPLAVLGVGTWLSFG
ACSPRLPARPRAWVLAAGCAGALFYALLAGFSVPTQRSVLMIAAFAWARRGRLSAWATWQALAAVLLFDPLAVLGVGTWLSFG
ACSPRLPARPRAWVLAAGCAGALFYALLAGFSVPTQRSVLMIAAFAWARRGRLSAWATWQALAAVLLFDPLAVLGVGTWLSFG
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340
340

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
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consensus

LVAALIWACAGRLYEGKRQTAVRGQWAAASVLSLVLLGYLFASLPLVSPVNAVSIPWFSWVLTPLALLGSVVPFAPLQQAGAF
LVAALIWACAGRLYEGKRQTAVRGQWAAASVLSLVLLGYLFASLPLVSPVNAVSIPWFSWVLTPLALLGSVVPFAPLQQAGAF
LVAALIWACAGRLYEGKRQTAVRGQWAAASVLSLVLLGYLFASLPLVSPVNAVSIPWFSWVLTPLALLGSVVPFAPLQQAGAF
!!

425
425

logo

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consensus

EYTLRFLVWLADVSPFAVAAPLPLLVAVCAALLLLLPRGLGLRPWAVLLLAGFVSYRPEAVPENEAATVMDAGQGLSVLVR
EYTLRFLVWLADVSPFAVAAPLPLLVAVCAALLLLLPRGLGLRPWAVLLLAGFVSYRPEAVPENEAATVMDAGQGLSVLVR
EYTLRFLVWLADVSPFAVAAPLPLLVAVCAALLLLLPRGLGLRPWAVLLLAGFVSYRPEAVPENEAATVMDAGQGLSVLVR
!!

510
510

logo

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consensus

TANRHLLFDGTGTVAAAQTGIVPSLNAAGVRRDKLVLSHSDSDHGGFQAVGKIPNGGIYAGQPEFYEGARHCAEQRWQWDGVDF
TANRHLLFDGTGTVAAAQTGIVPSLNAAGVRRDKLVLSHSDSDHGGFQAVGKIPNGGIYAGQPEFYEGARHCAEQRWQWDGVDF
TANRHLLFDGTGTVAAAQTGIVPSLNAAGVRRDKLVLSHSDSDHGGFQAVGKIPNGGIYAGQPEFYEGARHCAEQRWQWDGVDF
!!

595
595

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus



680
680

logo

NTDB id 31213 NGK RS01825 WP 020997305.1
NTDB id 1128 NGFG RS01490 WP 020997305.1
consensus



739
739

- non conserved
- similar
- ≥ 50% conserved