

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1

NTDB id 1001015 ABFU29 RS16385 WP 043921909.1

NTDB id 1473 PAKAF RS24000 WP 003094694.1

consensus

MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDNLNLPDGSGLDLVKHSQNYPNPTPI

..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSAENVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV

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NTDB id 1473 PAKAF RS24000 WP 003094694.1

consensus

AVLTAYGNMDIATAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLITGRSLPIQQLRIAICKTIA

AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSTAMESLRSTIGKVA

AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAE...PVDNRLLGESPPMRALRNQIGKLA

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consensus

RSQAPVYIVGESGIGKELVARLIHEQGRSEGPFIIPVNCGAIPSELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTFL

RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTFL

RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAHGGTFL

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consensus

DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERREDY

DEVAELPLMQVKLLRAIQEKSVRVPVSGSETLVDVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPLRERSGDL

DEVAELPLMQVKLLRAIQEKAVRAVGGQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI

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consensus

LLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNMTERAITLSEDATIDISHLHPAPLRANISNPFASAA

PQLAAATIIARLARSHGRPIPLLTQSALDALDITYGFGPNVRELENILERALALAEDDQISATDLRLPAHGHR...LAASP

PLLAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFGPNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QEGAA

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consensus

QSIQTTVAAPQAVKKLPSECLERYLENIEKDILLNALNMTHTNRTLAACKKLGMTFRSLRYRLKKFGLDTETETEVEV

GSAAIEPREAVVIDIDPASAAFPSYTEQLERAATIKKALEENRWNKTRTAAQLGITFRALRYLKKKLGME.....

S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....

473

464

445

X

non conserved

X

similar

X

≥ 50% conserved