

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1

NTDB id 1038263 AB9L18 RS04410 WP 100553378.1

NTDB id 1473 PAKAF RS24000 WP 003094694.1

consensus

MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGGLDLVKHVSQNYPTNTPTI

..MSRQKALIVDDDEPDIRELLEITLGRMKLDTRSAENVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV

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consensus

AVLTAYGNMDIAIAALKAGAFDFVSKPVDITVLRGLVKHALELNNSERP VAGPAAEQARLLGESPPMRLRATISKVAR

AMITAFGSMDLAVEALKAGAFDFVSKPVDITVLRGLVKHALELNNSERP VAGPAAEQARLLGESPPMRLRATISKVAR

AMITAYGSLDTAIQALKAGAFDFLTTPVDLGRRLRELVTATLRRLNPEAE...EAPVDNRLLGESPPMRALRNQIGKLAR

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consensus

SQAPVYILGESGIGKELVARLIHQGRREGPFVYPVNCGAIPTELMESSEFGHKGSFTGAIDKQGLFQAAHGGTLFLD

SQAPVYILGESGIGKELVARTIHAQCARAAGPFVYPVNCGAIPTELMESSEFGHKGSFTGAHADKPGLFQAAHGGTLFLD

SQAPVYISGESGSGKELVARLIHQGPRIERPFVYPVNCGAIPSELMESSEFGHKGSFTGAIEDKQGLFQAAHGGTLFLD

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consensus

EVAELPLMQVKLLRAIQEKSVRAVGQEVVDVRILSATHKDLALLVGRFRQDLYYRINVIELRVPPLRERREDYP

EVAELPLMQVKLLRAIQEKSVRAVGAPSEEPVDVRILSATHKDLAELVEDGRFRHDLYYRINVIELRVPPLRERRQDLP

EVAELPLMQVKLLRAIQEKAVRAVGQGEVAVDVRILCATHKDAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP

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consensus

LLANHFILKIKMEWETPPKQLTEAAETYLQGHFPGNVRELNRMIERATITLSEDATIDISHLHPAPLRANISNPFASAAQ

ALAASILARLARSHGRATPLAPSALDALAQYGFPGNVRELENILERALALAEEDRIGADDLRLPQHAPRSPGSA....A

LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEGA....A

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consensus

SIQTTVAAAPQAVKKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGIDTETETEDEV

HAEA....VVDLHPGSAALPSYTEQLERSAIQRALEENRNWKRTRAAQLGITFRALRYKLKKLGMEDTETETEDEV

SL.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLIDTETETEDEV

473

457

445

X

non conserved

X

similar

X

≥ 50% conserved