

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1

NTDB id 1000747 ABFU61 RS17185 WP 043877723.1

NTDB id 1473 PAKAF RS24000 WP 003094694.1

consensus

MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDNLNLPDGSGLDLVKHVSQNYPNPTPI

..MSRQKALIVDDDEPDIRELLEITLGRMKLDTRSAENVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV

80

79

78

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consensus

AMITAYGSMIDAIKAGAFDFVSKPVDQWYLRVQALRLNVEERPTTPPLPYNSRLLGSSPMQLRSTGKYA

AVLTAYGNMDIATAALKAGAFDFVSKPVDNQVHLDQLLQKALNRQKVHDT..TENALENKLITGRSLPIQQLRIAIAIKKITA

AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNRRDPAPPPPPLEQASRLLGDESTAMESLRSTIGKVA

AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAE...PVDNRLLGESPPMRALRNQIGKLA

158

159

153

logo

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consensus

RSQAPVYIYGESGSGKELVARLIHEQGRSEGPFIPVNCGAIPPELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTFL

RSQAPVFTIGESGIGKEVVANLVHRLSNRSEGPPIAINGCAIPTELMESEFFGHKKGSFTGATQDKQGLLILSAHGGSLFL

RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTFL

RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAASGGTFL

238

239

233

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consensus

DEVAELPLMQVKLLRAIQEKSVRVPVSSQEVVDVRILSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERSEDY

DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLVRQGGKFRQDLFFRIHVMIDLILPPLRERGEDV

DEVAELPLMQVKLLRAIQEKSVRVPVGSGETLVDVRILSATHKDLGLVSDGRFRHDLYYRINVIELRVPPLRERSGDL

DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI

318

319

313

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consensus

PLLANRILQRLARSWGTPPPRITAAQTYLTYFPGNVRELMLERAYTLSEDQSPSDRLAPLHGNSSASAA

LLLANHFIQKICMEWETPPKQLTEAAETYLLQHFPGNVRELNMTERAITLSEDATIDISHLHPAPLRANISNPFASAA

PQLAAATIAARLARSHGRPIPLLTQSALDALDITYGFPGNVRELENILERALALAEDDQISASDLRLPAHGCHRL...AASP

PLLAERIILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA

398

396

390

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consensus

SSIQTIVREPQVKKSPSSNLEYLEERKILQAL EETRINRTAAQRGLTFRSLRYRLKKLGMD

QSIQTITVAAPQAVKKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKKLGMTFRSLRYRLKKFGLDTETETEDEV

GSAAIEPREAVVIDIDPASSALPSYTEQLERAATIKKALEENRWNTKTAAQLGITFRALRYLKKKLGME.....

S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARGLGLTFRSMRYRLKKLGID.....

473

464

445

X

non conserved

X

similar

X

≥ 50% conserved