NDPK2 (AT5G63310):partial tree
File name:NDPK2.pt2.svg
46 aa residues 252 OTU included.
Partial tree including **Ppa_NDPK2982574318_1, Ppa_NDPK2_2_2 and Smo_NDPK2_3_1**
Assemble Job Id:Kmgo3a selectNalign: nrosZm
Tree job id: QpUn02
BP values out of 100
Analyzed by thirai@nibb.ac.jp
Date: Thu Jun 22 10:47:47 JST 2006

4256_Cre AAS15573 Chlamydomonas reinhardtii flagellar radial spoke nucleoside diphosphate kinase
XP_516435 Pan troglodytes AAQ02443 synthetic construct PREDICTED: similar to nucleoside diphosphate kinase type 6; inhibitor of p53-induced apoptosis-alpha/non-metastatic cells nucleoside-diphosphate kinase 6
AT1G17410 = NP_173184 AAF97316 AAS77477 AAS88761 ATP binding/nucleoside diphosphate kinase /Unknown protein /At1g17410 /At1g17410
XP_466285 Oryza sativa (japonica cultivar-group) BAD15823 putative outer arm dynein intermediate chain 1/putative outer arm dynein intermediate chain 1
Smo_NDPK2_10_1 Smo_NDPK2_3_1
EAR89336 Tetrahymena thermophila SB210 V-type ATPase 116kDa subunit family protein
10931_Cre
BAD92286 Homo sapiens nucleoside-diphosphate kinase 7 isoform a variant
ZP_00523135 Solibacter usitatus Ellin6076 EAM57797 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
NP_214093 Aquifex aeolicus VF5 O67528 Aquifex aeolicus AAC07481 Aquifex aeolicus VF5 nucleoside diphosphate kinase/NDK_AQUAE Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
ZP_219550 Chlamydophila abortus S26/3 Q5L6Z2 Chlamydophila abortus AAC63578 Chlamydophila abortus S26/3 nucleoside diphosphate kinase /NDK_CHLAB Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /putative nucleoside diphosp
NP_828995 Chlamydophila caviae GPIC Q824M4 Chlamydophila caviae AAP04873 Chlamydophila caviae GPIC nucleoside diphosphate kinase/NDK_CHLCV Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
YP_515802 Chlamydophila felis Fe/C-56 BAE81657 nucleoside diphosphate kinase /nucleoside diphosphate kinase
ZP_297160 Chlamydia muridarum Nigg Q9PJP1 Chlamydia muridarum AAF39590 Chlamydia muridarum Nigg nucleoside diphosphate kinase/NDK_CHLMU Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
YP_328323 Chlamydia trachomatis A/HAR-13 AAX50775 nucleoside diphosphate kinase /nucleoside diphosphate kinase
NP_300675 Chlamydophila pneumoniae J138 NP_876917 Chlamydophila pneumoniae TW-183 NP_224815 Chlamydophila pneumoniae CWL029 NP_444680 Chlamydophila pneumoniae AR39 Q9ZT75 Chlamydophila pneumoniae AAD18758 Chlamydophila pneumoniae CWL029 AAF3
ZP_00056011 Magnetospirillum magneticum MS-1 COG0105 Nucleoside diphosphate kinase
NP_420508 Caulobacter crescentus CB15 Q9A7M2 Caulobacter vibrioides AAK23676 Caulobacter crescentus CB15 nucleoside diphosphate kinase/NDK_CAUCR Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/nucleoside diphosphate kinase
ZP_01158410 Oceanicola granulosus HTCC2516 EAR49471 nucleoside diphosphate kinase /nucleoside diphosphate kinase
ZP_00629489 Parvularcula dentrificans PD1222 EAN67552 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00961021 Roseovarius nubinhibens ISM EAP76592 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01037445 Roseovarius sp. 217 EAO23991 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_00620904 Silicibacter sp. TM1040 EAN57923 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_01057273 Roseobacter sp. MED193 EAQ44962 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_167661 Silicibacter pomeroyi DSS-3 Q5LQP4 Silicibacter pomeroyi AAV95698 Silicibacter pomeroyi DSS-3 nucleoside diphosphate kinase/NDK_SILPO Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
ZP_00962341 Sulfitobacter sp. NAS-14 I EP_00954861 Sulfitobacter sp. EE-36 EAP80734 Sulfitobacter sp. NAS-14 I EAP84369 Sulfitobacter sp. EE-36 nucleoside diphosphate kinase /nucleoside diphosphate kinase /
ZP_00999231 Oceanicola batsensis HTCC2597 EAQ03481 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01012741 Rhodobacterales bacterium HTCC2654 EAQ13646 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_509764 Jannaschia sp. CCS1 ABD54739 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_01003666 Loktanella vestfoldensis SKA53 EAO06459 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00919665 Rhodobacter sphaeroides ATCC 17029 YP_352955 Rhodobacter sphaeroides 2.4.1 ABA79054 EAP67195 Rhodobacter sphaeroides ATCC 17029 Nucleoside-diphosphate kinase/Nucleoside-dip
ZP_00914393 Rhodobacter sphaeroides ATCC 17025 EAP64248 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_427256 Rhodospirillum rubrum ATCC 11170 ABC22969 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00957801 Oceanicaulis alexandrii HTCC2633 EAP88888 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01017991 Parvularcula bermudensis HTCC2503 EAQ16438 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01145537 Acidiphilium cryptum JF-5 EAR40307 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
NP_354141 Agrobacterium tumefaciens str. C58 NP_531819 Q8UGB6 AAK86926 AAL42135 nucleoside diphosphate kinase /NDK_AGRT5 Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /AGR_C_2077p /nucleoside d
NP_540173 Brucella melitensis 16M YP_414157 Brucella melitensis biovar Abortus 2308 YP_221449 Brucella abortus biovar 1 str. 9-941 NP_697708 Brucella suis 1330 Q2YN40 Brucella melitensis biovar Abortus 2308 Q8G1L9 Brucella melitensis biovar S
ZP_00947592 Bartonella bacilliformis KC583 COG0105 Nucleoside diphosphate kinase
YP_033388 Bartonella henselae str. Houston-1 Q6G4Z6 Bartonella henselae CAF27361 Bartonella henselae str. Houston-1 nucleoside diphosphate kinase/NDK_BARHE Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /Nucleoside diphosphate kinase
YP_032148 Bartonella quintana str. Toulouse Q6G043 Bartonella quintana CAF25968 Bartonella quintana str. Toulouse nucleoside diphosphate kinase/NDK_BARQU Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /Nucleoside diphosp
YP_469002 Rhizobium etli CFN 42 ABC90375 nucleoside-diphosphate kinase protein/nucleoside-diphosphate kinase protein
ZP_385270 Sinorhizobium meliloti 1021 Q92QX9 Sinorhizobium meliloti CAD45743 nucleoside diphosphate kinase/NDK_RHIME Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /PROBABLE NUCLEOSIDE DIPHOSPHATE KINASE PROTEIN
ZP_00611178 Mesorhizobium sp. BNC1 EAN08358 Nucleoside diphosphate kinase/Nucleoside-diphosphate kinase
YP_496173 Novosphingobium aromaticivorans DSM 12444 ABD25339 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_458661 Erythrobacter litoralis HTCC2594 ABC63864 probable nucleoside diphosphate kinase protein/probable nucleoside diphosphate kinase protein
ZP_01040281 Erythrobacter sp. NAP1 EAQ30752 nucleoside diphosphate kinase/nucleoside diphosphate kinase
Smo_NDPK2721080433_1
ZP_00513170 Chlorobium limicola DSM 245 EAM42200 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00589554 Pelodictyon phaeoclathratiforme BU-1 EAN25255 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_374160 Pelodictyon luteolum DSM 273 ABB23117 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00527714 Chlorobium phaeobacteroides DSM 266 EAM36157 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00591068 Prosthecochloris aestuarii DSM 271 EAN23873 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00531123 Chlorobium phaeobacteroides BS1 EAM64513 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
NP_662678 Chlorobium tepidum TLS Q8KA26 Chlorobaculum tepidum AAM73220 Chlorobium tepidum TLS nucleoside diphosphate kinase/NDK_CHLTE Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
ZP_00662001 Prosthecochloris vibrioformis DSM 265 EAO14715 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_01051602 Cellulophaga sp. MED134 EAQ37632 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01202372 Flavobacteria bacterium BBFL7 EAS19666 nucleoside diphosphate kinase A/nucleoside diphosphate kinase A
ZP_00950789 Croceibacter atlanticus HTCC1559 EAP86497 nucleoside diphosphate kinase/nucleoside diphosphate kinase
NP_770759 Bradyrhizobium japonicum USDA 110 Q89MS3 Bradyrhizobium japonicum BAC49384 Bradyrhizobium japonicum USDA 110 nucleoside diphosphate kinase/NDK_BRAJA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside di
ZP_00845290 Rhodopseudomonas palustris BisB18 ABD87872 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_948395 Rhodopseudomonas palustris CGA009 Q6N5C3 Rhodopseudomonas palustris CGA009 nucleoside diphosphate kinase/NDK_RHOPA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside-d
YP_486101 Rhodopseudomonas palustris HaA2 ABD07190 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00861018 Bradyrhizobium sp. BTAi1 EAP28518 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_445205 Salinibacter ruber DSM 13855 BAC44829 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_266139 Candidatus Pelagibacter ubique HTCC1062 AAZ21536 Nucleoside diphosphate kinase/Nucleoside diphosphate kinase
ZP_00676233 Pelobacter propionicus DSM 2379 EAO38443 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_385629 Geobacter metallireducens GS-15 Q39S70 ABB32904 Nucleoside diphosphate kinase/NDK_GEOMG Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
NP_952163 Geobacter sulfurreducens PCA Q74E54 Geobacter sulfurreducens PCA nucleoside diphosphate kinase/NDK_GEOSL Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate k
YP_011546 Desulfovibrio vulgaris subsp. vulgaris str. Hildenborough Q729L7 AAS96806 nucleoside diphosphate kinase/NDK_DESVH Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/nucleoside diphosphate kinase
YP_387933 Desulfovibrio desulfuricans G20 Q312A8 ABB38238 nucleoside-diphosphate kinase/NDK_DESDG Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
YP_342941 Nitrosococcus oceani ATCC 19707 ABA57411 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
BAC55152 Halomonas sp. #593 nucleoside diphosphate kinase
Smo_NDPK2972918942_1
ZP_00586940 Shewanella amazonensis SB2B EAN38645 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_341635 Pseudoalteromonas haloplanktis TAC125 CAI89189 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_00901270 Pseudomonas putida F1 NP_743010 Pseudomonas putida KT2440 Q88PK1 AAN66474 BAD01055 Pseudomonas putida EAP94598 Pseudomonas putida F1 Nucleoside diphosphate kinase/nucleoside diphosphate kinase /NDK_PSEPK Nucleoside diphosphate kinas
ZP_2620038 Pseudomonas fluorescens Pf-5 AAY94187 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_234333 Pseudomonas syringae pv. syringae B728a YP_273574 Pseudomonas syringae pv. phaseolicola 1448A NP_791256 Pseudomonas syringae pv. tomato str. DC3000 Q886Z4 Pseudomonas syringae pv. tomato AAO54951 Pseudomonas syringae pv. tomato str. D
AAC44154 Pseudomonas aeruginosa Ndk
ZP_00654043 Psychrobacter cryohalolentis K5 EAO11232 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_263971 Psychrobacter arcticus 273-4 AAZ18537 putative nucleoside diphosphate kinase/putative nucleoside diphosphate kinase
ZP_01101391 gamma proteobacterium KT 71 EAQ99492 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_201174 Xanthomonas oryzae pv. oryzae KACC10331 NP_642341 Xanthomonas axonopodis pv. citri str. 306 YP_243279 Xanthomonas campestris pv. campestris str. 8004 YP_451422 Xanthomonas oryzae pv. oryzae MAFF 311018 YP_363797 Xanthomonas campestris
ZP_00568897 Xylella fastidiosa Temecula1 CFBP 8417 Xylella fastidiosa Dixon ZP_00080814 Xylella fastidiosa Ann-1 ZP_00681439 Q87B35 Xylella fastidiosa Temecula1 AAO29465 EAO14055 Xylella fastidiosa Dixon EAO30974 Xylella fastidiosa Ann-1 EAO
NP_297748 Xylella fastidiosa 9a5c Q9PG44 Xylella fastidiosa AAF83268 Xylella fastidiosa 9a5c nucleoside diphosphate kinase/NDK_XYLFA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
YP_169420 Francisella tularensis subsp. tularensis SCHU S4 Q5NHS2 Francisella tularensis subsp. tularensis CAG45006 Francisella tularensis subsp. tularensis SCHU S4 AAX78066 synthetic construct nucleoside diphosphate kinase/NDK_FRATT Nucleoside
YP_513981 Francisella tularensis subsp. holarctica FTNF002-00 ABD47419 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_00371969 Campylobacter upsaliensis RM3195 EAL52445 nucleoside diphosphate kinase Cj0332c/nucleoside diphosphate kinase Cj0332c
ZP_00369416 Campylobacter lari RM2100 EAL54582 nucleoside diphosphate kinase/nucleoside diphosphate kinase
NP_206997 Helicobacter pylori 26695 NP_222905 Helicobacter pylori J99 Q9ZNM4 P56075 Helicobacter pylori AAD07268 Helicobacter pylori 26695 AAD05756 Helicobacter pylori J99 nucleoside diphosphate kinase (ndk)/NUCLEOSIDE DIPHOSPHATE KINASE /NDK
YP_394284 Thiomicrospira denitrificans ATCC 33889 ABB45049 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_01168249 Oceanospirillum sp. MED92 EAR59660 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_00566341 Methylobacillus flagellatus KT EAN01759 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_413061 Nitrosospira multiformis ATCC 25196 ABB75688 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00986560 Burkholderia dolosa AUO158 COG0105: Nucleoside diphosphate kinase
ZP_00464711 Burkholderia cenocepacia HI2424 ZP_00453109 Burkholderia cenocepacia AU 1054 YP_369354 Burkholderia sp. 383 ZP_00421663 Burkholderia vietnamiensis G4 ZP_00979717 Burkholderia cenocepacia PC184 Q39FQ6 Burkholderia sp. 383 EAM1
ZP_00689798 Burkholderia ambifaria AMMD EAO44121 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00283758 Burkholderia xenovorans LB400 COG0105: Nucleoside diphosphate kinase
YP_442752 Burkholderia thailandensis E264 ABC37309 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_00478746 rpoZ ZP_00494325 ZP_00478324 ZP_00494326 Burkholderia pseudomallei 1710b ZP_00936293 Burkholderia mallei 1710b ZP_00936293 Burkholderia mallei JHU YP_103008 Burkholderia mallei ATCC 23344
NP_885057 Bordetella parapertussis 12822 NP_880850 Bordetella pertussis Tohama I NP_889715 Bordetella bronchiseptica RB50 Q7W6P4 Bordetella parapertussis Q7VWK7 Bordetella pertussis Q7WHM7 Bordetella bronchiseptica CAE42480 Bordetella pertu
ZP_00669765 Nitrosomonas eutropha C71 NP_840240 Nitrosomonas europaea ATCC 19718 Q82XV5 Nitrosomonas europaea CAD84055 Nitrosomonas europaea ATCC 19718 EAO17728 Nitrosomonas eutropha C71 Nucleoside-diphosphate kinase/nucleoside diphosphate ki
ZP_01127905 Nitrococcus mobilis Nb-231 EAR21194 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00597375 Ralstonia metallidurans CH34 EAN50557 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_296298 Ralstonia eutropha JMP134 AAZ61454 nucleoside diphosphate kinase/nucleoside diphosphate kinase
NP_519332 Ralstonia solanacearum GMI1000 Q8Y033 Ralstonia solanacearum CAD14913 nucleoside diphosphate kinase/NDK_RALSO Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/PROBABLE NUCLEOSIDE-DIPHOSPHATE KINASE PROTEIN
ZP_01020528 Polaromonas naphthalenivorans CJ2 EAZ20954 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00507296 Polaromonas sp. JS666 EAM38604 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_523560 Rhodoferax ferrireducens DSM 15236 ABD70029 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_286189 Dechloromonas aromatica RCB AAZ47719 nucleoside diphosphate kinase/Nucleoside-diphosphate kinase
YP_157703 Azoarcus sp. EbN1 Q5P7A9 CAI06802 nucleoside diphosphate kinase/NDK_AZOSE Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/Nucleoside diphosphate kinase
NP_903212 Chromobacterium violaceum ATCC 12472 Q7NSA4 Chromobacterium violaceum AAQ61204 Chromobacterium violaceum ATCC 12472 nucleoside-diphosphate kinase/NDK_CHRVO Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/nucleo
YP_051313 Erwinia carotovora subsp. atroseptica SCRI1043 Q6D2T1 Pectobacterium atrosepticum CAG76122 Erwinia carotovora subsp. atroseptica SCRI1043 nucleoside diphosphate kinase/NDK_ERWCT Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleosi
ZP_00821255 Yersinia bercovieri ATCC 43970 YP_071352 Yersinia pseudotuberculosis IP 32953 ZP_00827233 Yersinia mollaretii ATCC 43969 ZP_00830213 Yersinia frederiksenii ATCC 33641 Q667Z5 Yersinia pseudotuberculosis CAH22083 Yersinia pseudotube
ZP_00832807 Yersinia intermedia ATCC 29909 COG0105: Nucleoside diphosphate kinase
ZP_00792469 Yersinia pseudotuberculosis IP 31758 COG0105: Nucleoside diphosphate kinase
NP_994060 Yersinia pestis biovar Medievalis str. 91001 ZP_01176048 Yersinia pestis biovar Orientalis str. IP275 NP_406388 Yersinia pestis CO92 NP_668671 Yersinia pestis KIM ZP_00795482 Yersinia pestis Angola Q8ZCT2 Yersinia pestis CAC92134
NP_878812 Candidatus Blochmannia floridanus CAD83219 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_278040 Candidatus Blochmannia pennsylvanicus str. BPEN AAZ41163 3'-phosphodiesterase/nucleoside diphosphate kinase
NP_871573 Wigglesworthia glossinida endosymbiont of Glossina brevipalpis Q8D116 BAC24716 hypothetical protein WGLp570/NDK_WIGBR Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /ndk
YP_154238 Anaplasma marginale str. St. Maries Q5P9P7 AAV86983 nucleoside diphosphate kinase/NDK_ANAMM Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
YP_505748 Anaplasma phagocytophilum HZ AAN15208 Anaplasma phagocytophilum ABD44269 Anaplasma phagocytophilum HZ nucleoside diphosphate kinase/NDP kinase /nucleoside diphosphate kinase
ZP_198547 Wolbachia endosymbiont strain TRS of Brugia malayi Q5GRR9 AAW71385 Wolbachia endosymbiont strain TRS of Brugia malayi nucleoside diphosphate kinase/NDK_WOLTR Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
NP_966895 Wolbachia endosymbiont of Drosophila melanogaster Q73FY9 Wolbachia sp. wMel AAS14829 Wolbachia endosymbiont of Drosophila melanogaster nucleoside diphosphate kinase/NDK_WOLPM Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleosid
ZP_00373513 Wolbachia endosymbiont of Drosophila ananassae EAL58965 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_303522 Ehrlichia canis str. Jake AAZ68924 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_180719 Ehrlichia ruminantium str. Welgevonden YP_197784 YP_196824 Ehrlichia ruminantium str. Gardel Q5HA25 Ehrlichia ruminantium str. Welgevonden Q5FGN1 Ehrlichia ruminantium str. Gardel CAH58592 Ehrlichia ruminantium str. Welgevonden CAI28
YP_507901 Ehrlichia chaffeensis str. Arkansas ZP_00545136 Ehrlichia chaffeensis str. Sapulpa EAM85495 ABD45237 Ehrlichia chaffeensis str. Arkansas nucleoside diphosphate kinase/Nucleoside-diphosphate kinase /Nucleoside-diphosphate kinase /nucleos
ZP_00339799 Rickettsia akari str. Hartford COG0105: Nucleoside diphosphate kinase
NP_220449 Rickettsia prowazekii str. Madrid E Q9ZE91 Rickettsia prowazekii AAL14526 nucleoside diphosphate kinase/NDK_RICPR Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/NUCLEOSIDE DIPHOSPHATE KINASE (ndk)
ZP_00153150 Rickettsia rickettsii NP_359720 Rickettsia conorii str. Malish 7 Q92JI4 Rickettsia conorii AAL02621 Rickettsia conorii str. Malish 7 COG0105: Nucleoside diphosphate kinase/nucleoside diphosphate kinase /NDK_RICCN Nucleoside diphosph
YP_246136 Rickettsia felis URRWXCal2 YP_067045 Rickettsia typhi str. Wilmington O4UN87 Rickettsia felis Q68X59 Rickettsia typhi AAU03563 Rickettsia typhi str. Wilmington AAY60971 Rickettsia felis URRWXCal2 nucleoside diphosphate kinase/nucl
NP_873638 Haemophilus ducreyi 35000HP Q7VMD0 Haemophilus ducreyi 35000HP AAP95927 Haemophilus ducreyi 35000HP nucleoside diphosphate kinase/NDK_HAEDU Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside diphosphate kinase
ZP_00133909 Actinobacillus pleuropneumoniae serovar 1 str. 4074 COG0105: Nucleoside diphosphate kinase
NP_341781 Sulfolobus solfataricus P2 Q980G7 Sulfolobus solfataricus AAK40571 Sulfolobus solfataricus P2 Nucleoside diphosphate kinase (NDP kinase) (ndk)/NDK_SULSO Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /Nucleosid
NP_963594 Nanoarchaeum equitans Kin4-M AAR39155 hypothetical protein NEQ307/NEQ307
NP_681058 Thermosynechococcus elongatus BP-1 Q8DM56 Synechococcus elongatus BAC07820 Thermosynechococcus elongatus BP-1 nucleoside diphosphate kinase/NDK_SYNEL Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside d
gnl|CMERI|CMK060C_nucleoside-diphosphate_kinase
XP_449901 Candida glabrata CBS 138 CAG62901 hypothetical protein CAGL0M13277g/unnamed protein product
YP_476531 Synechococcus sp. JA-2-3B'a(2-13) ABD01268 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_01125278 Synechococcus sp. WH 7805 EAR17317 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_378172 Synechococcus sp. CC9902 ABB27129 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_382797 Synechococcus sp. CC9605 ABB36242 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
NP_895972 Prochlorococcus marinus str. MIT 9313 Q7V425 CAE22322 Nucleoside diphosphate kinase/NDK_PROMM Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/Nucleoside diphosphate kinase
ZP_874444 Prochlorococcus marinus subsp. marinus str. CCMP1375 AAP99096 Nucleoside diphosphate kinase/Nucleoside-diphosphate kinase
YP_292570 Prochlorococcus marinus str. NATL2A AAZ58857 nucleoside diphosphate kinase/nucleoside-diphosphate kinase
ZP_01006252 Prochlorococcus marinus str. MIT 9211 EAQ09990 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
NP_892167 Prochlorococcus marinus subsp. pastoris str. CCMP1986 Q7VSM8 CAE18505 Nucleoside diphosphate kinase/NDK_PROMP Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/Nucleoside diphosphate kinase
ZP_3962544 Prochlorococcus marinus str. MIT 9312 EAK69105 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
1LEO Dictyostelium discoideum 1LWX 1LWX 1LWX P100s Nucleoside Diphosphate Kinase/C Chain C, Azt Diphosphate Binding To Nucleoside Diphosphate Kinase /B Chain B, Azt Diphosphate Binding To Nucleoside Diphosphate Kinase /A Chain A, Azt Diphosphate Bin
YP_401514 Synechococcus elongatus PCC 7942 YP_172319 Synechococcus elongatus PCC 6301 Q5N1M1 P50590 Synechococcus elongatus PCC 7942 AAA81018 BAD78799 Synechococcus elongatus PCC 6301 ABB58527 Synechococcus elongatus PCC 7942 Nucleoside-dipho
ZP_00111984 Nostoc punctiforme PCC 73102 COG0105: Nucleoside diphosphate kinase
ZP_00675606 Trichodesmium erythraeum IMS101 EAO25585 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_00513837 Crocosphaera watsonii WH 8501 EAM53040 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
ZP_148062 Geobacillus kaustophilus HTA426 Q5KXU2 Geobacillus kaustophilus BAD76494 Geobacillus kaustophilus HTA426 nucleoside diphosphate kinase/NDK_GEOKA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/nucleoside-diphosp
ZP_01172019 Bacillus sp. NRRL B-14911 EAR65392 nucleoside diphosphate kinase/nucleoside diphosphate kinase
ZP_692708 Oceanobacillus iheyensis HTE831 Q8ECB4 Oceanobacillus iheyensis BAC13743 Oceanobacillus iheyensis HTE831 nucleoside diphosphate kinase/NDK_OCEIH Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase) /nucleoside-diphos
ZP_242520 Bacillus halodurans C-125 Q9KCB9 Bacillus halodurans BAB05373 Bacillus halodurans C-125 nucleoside diphosphate kinase/NDK_BACHD Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/nucleoside diphosphate kinase
ZP_296219 Deinococcus radiodurans R1 Q9RFL1 Deinococcus radiodurans R1 NP_294601 Deinococcus radiodurans R1 nucleoside diphosphate kinase/NDK_DEIRA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/F75266 nucleoside diph
O58429 Pyrococcus horikoshii NDK_PYRHO Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)
ZP_01150231 Desulfotomaculum reducens MI-1 EAR42367 Nucleoside-diphosphate kinase/Nucleoside-diphosphate kinase
YP_143454 Thermus thermophilus HB8 1WKJ Q5SLV5 1WKL 1WKL 1WKM 1WKK 1WKK BAD70699 Thermus thermophilus HB8 AAS80111 Thermus thermophilus HB8 nucleoside diphosphate kinase/A Chain A, Crystal Structure Of Nucleoside Diphosphate Kinase From Thermus Therm
ZP_00770938 Mycobacterium tuberculosis F11 ZP_00878075 Mycobacterium tuberculosis C NP_216961 Mycobacterium tuberculosis H37Rv NP_337006 Mycobacterium tuberculosis CDC1551 NP_856119 Mycobacterium bovis AF2122/97 P84284 Mycobacterium tuberculo
YP_250331 Corynebacterium jeikeium K411 CAI36713 hypothetical protein jk0554/ndk
YP_014551 Listeria monocytogenes str. 4b F2365 ZP_00034986 Listeria monocytogenes str. 1/2a F6854 NP_465453 Listeria monocytogenes EGD-e Q71Y86 Listeria monocytogenes str. 4b F2365 Q8Y5X4 Listeria monocytogenes CAD00007 AAT04728 Listeria mono
YP_301367 Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305 BAE18422 nucleoside diphosphate kinase/nucleoside diphosphate kinase
YP_188614 Staphylococcus epidermidis RP62A Q8CSI0 Staphylococcus epidermidis ATCC 12228 Q5HP76 Staphylococcus epidermidis RP62A AAW54428 nucleoside diphosphate kinase/NDK_STAES Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kina
Ppa_NDPK2_2_2
BAC98400 Halomonchum mukohataei nucleoside diphosphate kinase
BAC98404 Halobacterium salinarum nucleoside diphosphate kinase
XP_952294 Theileria annulata strain Ankara CAI74562 Theileria annulata nucleoside diphosphate kinase/nucleoside diphosphate kinase, putative
XP_765325 Plasmodium yoelii yoelii 17XNL EAA16852 Plasmodium yoelii yoelii nucleoside diphosphate kinase A (NDK A) (NDP kinase A) (Tumor metastatic process-associated protein) (Metastasis inhibition factor nm23) (nm23-H1) (Granzyme A-activated DNase) (GAAD)
NP_212597 Borrelia burgdorferi B31 O51419 Borrelia burgdorferi F70157 AAC66829 Borrelia burgdorferi B31 nucleoside diphosphate kinase (ndk)/NDK_BORBU Nucleoside diphosphate kinase (NDK) (NDP kinase) (Nucleoside-2-P kinase)/F70157 nucleoside-dipho
XP_308641 Anopheles gambiae str. PEST EAA04524 ENSANGP00000011253/ENSANGP00000011253
ABD72677 Acyrthosiphon pisum abnormal wing disks-like protein
Ppa_NDPK2997338160_1
AAM53644 Choristoneura parallela abnormal wing disc-like protein
Q6XI71 Drosophila yakuba AAR05984 NDKA_DROYA Nucleoside diphosphate kinase (NDK) (NDP kinase) (Abnormal wing disks protein)/similar to Drosophila melanogaster awd
AAX09326 Suberites domuncula nucleoside diphosphate kinase Nm23-SD1
EAR89586 Tetrahymena thermophila SB210 nucleoside diphosphate kinase family protein
P27950 Gingivimastoma cirratum AAA49312 NDK_GINCI Nucleoside diphosphate kinase (NDK) (NDP kinase)/nucleoside diphosphate kinase
NP_005000 Homo sapiens O00746 1EHW 1EHW CAA68877 AAH04880 CAC37288 AAK61230 AAH17067 AAQ02438 synthetic construct AAV38242 AAV38243 AAV38244 AAV38245 Homo sapiens AAV38281 synthetic construct AAX41293 AAX42881 AAX42882 AAX42883 AAX42884 nucleos
AAO42980 Oncorhynchus mykiss nucleoside diphosphate kinase
AAC03020 Salmo salar nucleoside diphosphate kinase
NP_032730 Mus musculus 1516349 P15532 AAA53391 AAA39826 AAB42080 AAB87689 AAH05629 BAC28873 CAI35364 BAE22943 nucleoside-diphosphate kinase 1/1516349A nm23 gene/NDKA_MOUSE Nucleoside diphosphate kinase A (NDK A) (NDP kinase A) (Tumor metastatic proc
NP_612557 Rattus norvegicus Q05982 BAA02635 expressed in non-metastatic cells 1, protein (NM23A) (nucleoside diphosphate kinase)/NDKA_RAT Nucleoside diphosphate kinase A (NDK A) (NDP kinase A) (Tumor metastatic process-associated protein)