Smo_Phot1116726464r2_1, Smo_Phot1116699145_1, Smo_Phot1116700381_1 and Smo_Phot1118156045_1 are removed from this tree
phototropin1(At3g45780): global tree
File name:prototrp1.ntree6.svg
234 aa residues 279 OTU included.
Results of 3 partial trees included
Assemble Job:tzVcFi
selectNalign:PIF9Za
Tree job id: 3YhoBQ
BP values out of 100
Analyzed by thirai@nibb.ac.jp
Date: Tue May 02 19:34:06 JST 2006
YP_054265 Paramecium tetraurelia CAH03534 Putative kinase, similar to Sgk1 serine/threonine-protein kinase /Putative kinas
gnl|CMER|CMR193C_similar_to_ribosomal_protein_S6_kinase
Smo_Phot1_29_1
AAX73301 Lycopersicon esculentum putative ribosomal-protein S6 kinase-like protein
AAG48248 Artemia franciscana p70 ribosomal protein S6 kinase
XP_781234 Strongylocentrotus purpuratus PREDICTED: similar to Ribosomal protein S6 kinase I (S6K) (p70-S6K)
XP_ 499447 Caenorhabditis elegans CAB55075 RSK-gS4ventry (RSK-p70 kinase) homolog family member (rsks-1)/Hypothetical protei
CAE67653 Caenorhabditis briggsae Hypothetical protein CBG13216
XP_623943 Apis mellifera PREDICTED: similar to p70 ribosomal protein S6 kinase
XP_851971 Canis familiaris PREDICTED: similar to ribosomal protein S6 kinase, 70kDa, polypeptide 2 isoform a isoform 2
AAH06106 Homo sapiens Ribosomal protein S6 kinase, 70kDa, polypeptide 2, isoform a
XP_ 003943 Homo sapiens Q9UBS0 BAA34402 BAA37145 AAD20990 AAD46063 AAQ02464 synthetic construct AAH00094 Homo sapiens r
AAG60621 Aplysia californica S6 kinase
XP_ 390645 Gibberella zeae PH-1 EAA66482 hypothetical protein FG00469.1/hypothetical protein FG00469.1
EAD53167 Coccidioides posadasii C735 delta SOWgp 9397
XP_ 648778 Drosophila melanogaster AAF49616 CG6498-PA/CG6498-PA
EAL30644 Drosophila pseudoobscura GA19640-PA
XP_ 563913 Anopheles gambiae str. PEST EAL41443 ENSANGP00000028593/ENSANGP00000028593
XP_ 309691 Anopheles gambiae str. PEST EAA05595 ENSANGP00000012571/ENSANGP00000012571
XP_ 392717 Apis mellifera PREDICTED: similar to ENSANGP00000028593
CAG06039 Tetraodon nigroviridis unnamed protein product
XP_ 699584 Danio rerio XP_ 699875 PREDICTED: similar to Microtubule-associated serine/threonine-protein kinase 2, partial /P
CAG01963 Tetraodon nigroviridis unnamed protein product
AAH79780 Xenopus laevis MGC86290 protein
XP_ 424758 Gallus gallus PREDICTED: similar to KIAA0303
XP_ 929400 Mus musculus XP_ 283179 XP_ 852392 Canis familiaris XP_ 226732 Rattus norvegicus BAA20762 Homo sapiens AAH42511
XP_ 918478 Mus musculus XP_ 903047 XP_ 903082 XP_ 903055 XP_ 903076 XP_ 893383 BAE33328 PREDICTED: similar to Microtubule-associ
XP_ 943100 Homo sapiens XP_ 038150 O60307 BAA02487 PREDICTED: similar to microtubule associated serine/threonine kinase 2 /P
XP_ 533875 Canis familiaris PREDICTED: similar to microtubule associated serine/threonine kinase 2
XP_ 613922 Bos taurus XP_ 866506 PREDICTED: similar to microtubule associated serine/threonine kinase 2 isoform 1 /PREDICTED
XP_ 055790 Homo sapiens Q9Y2H9 AAB51171 BAA76817 microtubule associated serine/threonine kinase 1 /MAST1_HUMAN Microtubule-
XP_ 851607 Rattus norvegicus XP_ 343509 Mus musculus Q81W07 Rattus norvegicus AAD72535 AAH54524 Mus musculus BAC6
CAF92582 Tetraodon nigroviridis unnamed protein product
XP_ 084329 Mus musculus AAD55548 microtubule associated serine/threonine kinase 1 /syntrophin-associated serine-threonine p
XP_ 539630 Canis familiaris PREDICTED: similar to Microtubule-associated serine/threonine kinase 2
XP_ 615751 Bos taurus PREDICTED: similar to microtubule associated serine/threonine kinase 2
XP_ 055927 Homo sapiens BAB40727 AAH15816 BAA33401 microtubule associated serine/threonine kinase 2 /MAST205 /MAST2 protein
Q6PQQ8 Homo sapiens AAH65499 CAH73244 CAH73245 CAI16562 CAI16563 CAI16217 CAI21705 CAI21706 MAST2_HUMAN Microtubule-associa
BAC41448 Mus musculus mKIAA0807 protein
XP_ 233782 Rattus norvegicus NP_ 032667 Mus musculus Q60592 AAC04312 AAH60703 PREDICTED: similar to Mast2 protein/microtub
XP_ 422443 Gallus gallus PREDICTED: similar to Mast2 protein
XP_ 684372 Danio rerio XP_ 685437 PREDICTED: similar to microtubule associated serine/threonine kinase 2 /PREDICTED: similar
XP_ 794904 Strongylocentrotus purpuratus PREDICTED: similar to microtubule associated serine/threonine kinase 1
XP_ 502161 Caenorhabditis elegans CAJ31105 CAB05684 protein KINase family member (kin-4)/KIN-4 protein /Hypothetical prot
AEI62116 Caenorhabditis briggsae Hypothetical protein CBG00155
ATSG62310 = NP_201037 SAA49783 SAA97195 IRE (INCOMPLETE ROOT HAIR ELONGATION); kinase/IRE /IRE
ABA99908 Oryza sativa (japonica cultivar-group) hypothetical protein LOC_Os12g42660
AAX11214 Medicago truncatula nodule-specific IRE-like protein
ATAG17850 = NP_188412 BAB49784 BAB02708 kinase/IRE homolog 1 /IRE homolog; protein kinase-like protein
BAC41900 Arabidopsis thaliana putative protein kinase
XP_ 468518 Oryza sativa (japonica cultivar-group) AAK18843 putative protein kinase/putative protein kinase
AT1G48490 = NP_ 564529 NP_ 001031155 AAK60333 AAN72259 kinase/kinase /At1g48490/T1N15_9 /At1g48490/T1N15_9
Smo_Phot1_52_1
AT1G45160 = NP_175130 kinase
2494_Cre
CAE68459 Caenorhabditis briggsae Hypothetical protein CBG14249
CAA84441 Caenorhabditis elegans Ndr protein kinase
NP_ 508627 Caenorhabditis elegans NP_ 001024858 T16718 AAF91417 ABC71807 ABC71808 Sensory AXon guidance family member (sax-1
XP_ 613156 Bos taurus PREDICTED: similar to Serine/threonine protein kinase 38 (NDR1 protein kinase) (Nuclear Dbf2-related
XP_ 787948 Strongylocentrotus purpuratus PREDICTED: similar to serine/threonine kinase 38 like
XP_ 524170 Drosophila melanogaster AAF49104 AAF97511 AAK93304 tricornered CG8637-PA/CG8637-PA /NDR kinase /LD37189p
EAL31140 Drosophila pseudoobscura GA21227-PA
XP_ 821979 Oryza sativa (japonica cultivar-group) AAK13156 AAL31046 AAP54266 putative protein kinase/putative protein kinas
2660_Cre
gnl|CMER|CMP312C_DBF2-related_serine/threonine_kinase_Orb6
EAR97940 Tetrahymena thermophila SB210 Protein kinase domain containing protein
XP_ 761845 Ustilago maydis 521 EAK86101 hypothetical protein UMO6598.1/hypothetical protein UMO6598.1
XP_ 499761 Yarrowia lipolytica CLIB122 CAG83665 hypothetical protein/unnamed protein product
XP_ 457529 Debaryomyces hansenii CBS767 CAG85538 hypothetical protein DEHA0B13519g/unnamed protein product
XP_ 326236 Neurospora crassa NP_ 956475 Neurospora crassa N150 O42626 Neurospora crassa AAC21677 CAD21180 EAA27239 hypot
NP_ 593065 Schizosaccharomyces pombe SPAC1F8.03c Q09831 Schizosaccharomyces pombe CAA91206 hypothetical protein SPAC4G8.05/KAD5
NP_ 014445 Saccharomyces cerevisiae P53739 CAA96328 Putative protein kinase that, when overexpressed, interferes with phero
XP_ 445329 Candida glabrata CBS 138 CAG58235 unnamed protein product/unnamed protein product
XP_ 504264 Eremothecium gossypii AAS52088 Ashbya gossypii ATCC 10895 ADR167Wp/ADR167Wp
XP_ 453027 Kluyveromyces lactis NRRL Y-1140 CAH01878 unnamed protein product/unnamed protein product
XP_ 010015 Saccharomyces cerevisiae P25341 CAA42256 Putative serine/threonine protein kinase, most similar to cyclic nucleo
XP_ 756726 Schizosaccharomyces pombe 972h- CAB52745 Schizosaccharomyces pombe hypothetical protein SPBC1861.09/SPBC1861.0
XP_ 370515 Magnaporthe grisea 70-15 hypothetical protein MG07012.4
gnl|CMER|CMT328C_serine/threonine_kinase_KIN82
XP_ 657233 Entamoeba histolytica HM-1:IMSS EAL51848 protein kinase/protein kinase, putative
CAC94941 Chlamydomonas reinhardtii putative blue light receptor
1943_Cre
CAC94940 Chlamydomonas reinhardtii putative blue light receptor
AT4G13000 = NP_193036 CAB45499 CAB78342 BAC42493 AAO63394 kinase/putative protein /putative protein /unknown protein /At4
Smo_Phot1_14_1
Smo_Phot1_31_1
NP_ 916481 Oryza sativa (japonica cultivar-group) BAB62563 putative serine/threonine-specific protein kinase ATPK64 /putati
AAB95304 Arabidopsis thaliana putative second messenger-dependent protein kinase
ABA99407 Oryza sativa (japonica cultivar-group) serine/threonine protein kinase, putative
Smo_Phot1_23_1
Smo_Phot1_22_1
→Ppa_Phot1_12_1
→Smo_Phot1_6_1
AT2G36350 = NP_ 181176 AAD21431 kinase/putative protein kinase
AT3G15410 = NP_ 566837 NP_ 850687 CAB43883 AAF76351 AAH71691 AAN72297 KIPK (KCBP-INTERACTING PROTEIN KINASE); kina
AT5G03640 = NP_ 195984 CAB82299 kinase/protein kinase
ABA58253 Oryza sativa (japonica cultivar-group) protein kinase KIPK
AT3G12690 = NP_ 974296 NP_ 974298 NP_ 187875 AAL34050 AAL94952 AAV85687 kinase/kinase /kinase /protein kinase /At3g12690 /At
AAF66637 Lycopersicon esculentum viroid symptom modulation protein
CAA66616 Solanum berthaultii protein kinase
AT1G16440 = NP_ 173094 AAD34696 kinase/Similar to gb|U04556 G11A protein from Oryza sativa and contains a PF|00069 Eukaryo
AT1G79250 = NP_ 178045 AAC17041 kinase/Strong similarity to ser/thr protein kinases, especially gb|X97980 from solanum ber
NP_ 913533 Oryza sativa (japonica cultivar-group) BAA96393 unnamed protein product/putative viroid symptom modulation prote
AAT73640 Oryza sativa (japonica cultivar-group) AAU39155 unknown protein, contains protein kinase domain, PF00069.pfa
XP_ 464977 Oryza sativa (japonica cultivar-group) BAD21495 BAD22209 putative viroid symptom modulation protein/putative vir
AT5G40030 = NP_ 198819 BAA97351 kinase/protein kinase
AAW38935 Lycopersicon esculentum AvrPto-dependent Pto-interacting protein 3
ATG24830 = NP_ 850426 AAC31841 kinase/putative protein kinase
AAL89933 Arabidopsis thaliana At2g44830/T13E15.16
XP_ 467102 Oryza sativa (japonica cultivar-group) BAD25318 putative protein kinase 5/putative protein kinase 5
XP_ 473399 Oryza sativa (japonica cultivar-group) CAD41468 OSJNBa0079A21.10/OSJNBa0079A21.12
NP_ 922739 Oryza sativa (japonica cultivar-group) AAK31277 AAP55026 putative protein kinase/putative protein kinase /protei
Smo_Phot1_8_1 Smo_Phot1_17_1
Smo_Phot1_57_1
AT5G47750 = NP_ 199586 BAA01715 BAB11322 AAL06887 AAL32579 AAM13302 AAM47480 kinase/serine/threonine protein kinase /prote
XP_ 450350 Oryza sativa (japonica cultivar-group) BAD23437 BAD23751 putative protein kinase G11A/putative protein kinase G1
AAA33509 Zea mays protein kinase
P47997 Oryza sativa AAA33905 BAD54643 Oryza sativa (japonica cultivar-group) BAD60398 G11A_ORYSA Protein kinase G11A/G11A
XP_ 467557 Oryza sativa (japonica cultivar-group) BAD12918 BAD13043 putative protein kinase G11A/putative protein kinase G1
BAD46322 Oryza sativa (japonica cultivar-group) BAD46396 putative protein kinase G11A/putative protein kinase G11A
XP_ 483096 Oryza sativa (japonica cultivar-group) BAD90678 BAD90997 putative protein kinase/putative protein kinase /putati
ATG26610 = NP_ 194391 CAB43857 CAB79516 AAL36279 AAM14187 kinase/putative protein kinase /putative protein kinase /putati
PBT7G15910 = NP_ 200402 BAB08656 kinase/serine/threonine-specific protein kinase ATPK64
BAA01731 Arabidopsis thaliana protein kinase
CAA62476 Solanum tuberosum stpk1 protein kinase
BAE20157 Mougeotia scalaris BAE20164 neochrome/neochrome
BAE20159 Mougeotia scalaris BAE20161 neochrome/neochrome
AAX81328 Mougeotia scalaris neochrome
BAE20161 Mougeotia scalaris BAE20166 phototropin/phototropin
BAE20160 Mougeotia scalaris BAE20165 phototropin/phototropin
Smo_Phot1_4_1 Smo_Phot1_3_1
Smo_Phot1_25_1 Smo_Phot1_1_1
→Smo_Phot1116738702_1
→Smo_Phot1_2_1 Smo_Phot1_5_1
EST only
Ppa_Phot1_1_1 BAD32624 Physcomitrella patens phototropin
Ppa_Phot1_4_1
Ppa_Phot1_10_1 BAD33625 Physcomitrella patens phototropin
Ppa_Phot1_8_1 BAD32622 Physcomitrella patens phototropin
Ppa_Phot1_9_1 BAD32623 Physcomitrella patens phototropin
→Ppa_Phot1_11_1 (pt1)
(Ppa_Phot1_3_1 (pt2) and Ppa_Phot1_11_1 corresponds to N and C terminal region of a gene)
BAA36192 Adiantum capillus-veneris PHY3
Smo_Phot1_21_1
Smo_Phot1_33_1
BAA95669 Adiantum capillus-veneris phototropin
BAD16729 Adiantum capillus-veneris BAD16730 phototropin 2/phototropin 2
BAD89968 Phaseolus vulgaris phototropin
ATG58140 = NP_ 851212 NP_ 851210 NP_ 851211 P93025 AAC27293 PHOT2 (NON PHOTOTROPIC HYPOCOTYL 1-LIKE); kinase/PHOT2 (NON PHO
AAB39188 Arabidopsis thaliana putative kinase/phototropin putative kinase
CAA82993 Spinacia oleracea protein kinase
XP_ 471720 Oryza sativa (japonica cultivar-group) BAB84779 CAD40495 OSJNBa0079M09.13/nonphototropic hypocotyl 1b /OSJNBa00
BAD89967 Phaseolus vulgaris phototropin
AAM41023 Pisum sativum phototropin-like protein PsPK4
AAM15725 Pisum sativum phototropin 1
BAC23099 Vicia faba phototropin
BAD89966 Phaseolus vulgaris phototropin
BAC23098 Vicia faba phototropin
1909935A Pisum sativum AAA50304 1909355A protein kinase/protein kinase
CAA82994 Mesembryanthemum crystallinum protein kinase
AAC05083 Avena sativa AAC05084 NPH1-1/NPH1-2
AAB88817 Zea mays nonphototropic hypocotyl 1
BAA84780 Oryza sativa (japonica cultivar-group) ABA95572 nonphototropic hypocotyl 1a/Protein kinase domain, putative
CAB65325 Oryza sativa (indica cultivar-group) non-phototropic hypocotyl-NPH1
ATG45780 = NP_ 001030814 NP_ 190164 O48963 AAC01753 CAB75791 AAK25928 AAK64120 PHOT1; kinase/PHOT1; kinase /PHOT1_ARATH Ph
XP_ 637858 Dictyostelium discoideum AX4 EAL64355 Dictyostelium discoideum AGC family protein kinase/protein kinase 3
XP_ 581630 Bos taurus PREDICTED: similar to protein kinase PKNbeta
NP_ 548434 Canis familiaris PREDICTED: similar to protein kinase PKNbeta
NP_ 607487 Homo sapiens Q6PIZ2 AAH62558 CAI15401 protein kinase PKNbeta/PKN3_HUMAN Protein kinase N3 (Protein kinase PKN-be
BAA85625 Homo sapiens protein kinase PKNbeta
XP_ 722500 Mus musculus Q8K045 AAH34126 BAE24966 protein kinase N3/PKN3_MOUSE Protein kinase N3 (Protein kinase PKN-beta) (
XP_ 216019 Rattus norvegicus PREDICTED: similar to Protein kinase N3
XP_ 415491 Gallus gallus PREDICTED: similar to protein kinase C-like 2
AAB92244 Psaster ochraceus protein kinase C-related kinase
AAM91026 Hydra vulgaris protein kinase C-related kinase
NP_ 871573 Bos taurus XP_ 215718 Rattus norvegicus XP_ 883535 Bos taurus NP_ 006247 Homo sapiens XP_ 597979 Bos taurus X
NP_ 848793 Mus musculus BAC03888 serine/threonine kinase 7 /unnamed protein product
Q00874 Rattus norvegicus AAB53364 PKN2_RAT Protein kinase N2 (Protein kinase C-like 2) (Protein-kinase C-related kinase 2)
XP_ 422357 Gallus gallus PREDICTED: similar to protein kinase C-like 2
BAD13357 Xenopus laevis protein kinase C-related kinase 2
XP_ 695518 Danio rerio PREDICTED: similar to protein kinase N2
XP_ 689331 Danio rerio PREDICTED: similar to protein kinase N1 isoform 2
XP_ 796236 Mus musculus P70268 AAH52923 BAE29005 protein kinase N1/PKN1_MOUSE Serine/threonine-protein kinase N1 (Protein k
AAH61836 Rattus norvegicus Protein kinase N1
XP_ 344513 Rattus norvegicus cardiolipin/protease-activated protein kinase-1
NP_ 058871 Rattus norvegicus Q63433 BAA05168 protein kinase N1/PKN1_RAT Protein kinase N1 (Protein kinase C-like 1) (Protei
NP_ 998725 Homo sapiens NP_ 002732 Q16512 BAA05169 AAB33345 AAC50209 AAH40061 AAX41021 synthetic construct protein kinase
BAE93267 Macaca fascicularis unnamed protein product
XP_ 788292 Drosophila melanogaster NP_ 788290 NP_ 788294 NP_ 788291 AAK93416 AAF58958 AAM68824 AAM68823 AAF58959 AAQ22418 Prot
EAL25636 Drosophila pseudoobscura GA15206-PA
CAA73558 Suberites domuncula Protein kinase C-related kinase (PRKSD)
XP_ 697542 Danio rerio PREDICTED: similar to protein kinase N1 isoform 2
CAG09039 Tetraodon nigroviridis unnamed protein product
XP_ 869213 Bos taurus XP_ 877856 XP_ 582038 XP_ 877949 XP_ 877752 XP_ 877553 PREDICTED: similar to protein kinase C, delta isofo
XP_ 977444 Bos taurus PREDICTED: similar to protein kinase C, delta isoform 3
XP_ 006245 Homo sapiens NP_ 997704 AAG31775 BAA01381 AAH43350 protein kinase C, delta/protein kinase C, delta /protein kinas
XP_ 683138 Danio rerio CAI11874 PREDICTED: similar to Protein kinase C, delta type (nPKC-theta)/novel protein similar to ve
XP_ 787505 Strongylocentrotus purpuratus PREDICTED: similar to Protein kinase C, delta type (nPKC-delta)
XP_ 419464 Gallus gallus PREDICTED: similar to Protein kinase C, epsilon type (nPKC-epsilon)
NP_ 035234 Mus musculus NP_ 005391 Homo sapiens KIRBCE Oryctolagus cuniculus P16054 Mus musculus P10830 Oryctolagus cu
NP_ 058867 Rattus norvegicus P09216 AAA41872 Rattus sp. protein kinase C, epsilon/KPCE_RAT Protein kinase C epsilon type
XP_ 851981 Canis familiaris PREDICTED: similar to Protein kinase C, epsilon type (nPKC-epsilon) isoform 1
CAG00344 Tetraodon nigroviridis unnamed protein product
XP_ 312175 Anopheles gambiae str. PEST EAA07888 ENSANGP00000022036/ENSANGP00000022036
AL27809 Drosophila pseudoobscura GA15149-PA
NP_ 524545 Drosophila melanogaster P13678 AAA28818 AAF56846 AAL25332 AAY84913 Protein C kinase 98E CG1954-PA/KPC3_DROME Pro
XP_ 002731 Homo sapiens NP_ 032883 Mus musculus XP_ 606901 Bos taurus XP_ 535855 Canis familiaris XP_ 342224 Rattus norve
PTPRZ Homo sapiens A Chain A, Crystal Structure Of The Catalytic Domain Of Atypical Protein Kinase C-Iota
NP_ 001012707 Xenopus tropicalis AAW77999 CAJ82563 protein kinase C, lambda/protein kinase C lambda /protein kinase C, iota
NP_ 001026490 Gallus gallus CAH56312 protein kinase C, iota/hypothetical protein
NP_ 001025282 Danio rerio AAY85625 atypical protein kinase C zeta/atypical protein kinase C zeta
XP_ 417561 Gallus gallus PREDICTED: similar to protein kinase C, zeta; 14 - 3 - 3 - zeta isoform
XP_ 849092 Canis familiaris XP_ 858008 PREDICTED: similar to protein kinase C, zeta isoform 2/PREDICTED: similar to protein
NP_ 602809 Bos taurus XP_ 881405 PREDICTED: similar to protein kinase C, zeta isoform 1/PREDICTED: similar to protein kinase
NP_ 032886 Mus musculus NP_ 071952 Rattus norvegicus NP_ 001028754 Homo sapiens NP_ 001028753 NP_ 001034168 Mus musculus N
AAA36488 Homo sapiens protein kinase C zeta
EAS07265 Tetrahymena thermophila SB210 Protein kinase domain containing protein
XP_ 867459 Canis familiaris PREDICTED: similar to cAMP-dependent protein kinase catalytic subunit beta isoform 1 isoform 2
XP_ 396874 Apis mellifera PREDICTED: similar to serine/threonine protein kinase Akt
EAL28863 Drosophila pseudoobscura GA17848-PA
NP_ 732113 Drosophila melanogaster NP_ 732114 NP_ 732115 Q86N89 CAA81204 CAA58500 AAF55275 AAF55276 CAA58409 AAL40001 AAN13699
XP_ 308030 Anopheles gambiae str. PEST EAA03706 ENSANGP00000019348/ENSANGP00000019348
AAP37655 Aedes aegypti serine/threonine protein kinase Akt
XP_ 784669 Strongylocentrotus purpuratus PREDICTED: similar to CG4006-PA, isoform A
XP_ 001024612 Caenorhabditis elegans NP_ 510357 Q9XTG7 AAC62468 CAA20936 CAB07403 CAC70087 CAD21654 AKT kinase family member
AAV80429 Fundulus heteroclitus serum and glucocorticoid-regulated kinase
CAG09091 Tetraodon nigroviridis unnamed protein product
XP_ 954682 Danio rerio AAH52134 AAH67618 serum/glucocorticoid regulated kinase /Serum/glucocorticoid regulated kinase /Seru
NP_ 989807 Gallus gallus AAQ88435 serum/glucocorticoid regulated kinase /serum- and glucocorticoid-induced kinase
NP_ 005618 Homo sapiens O00141 CAA71138 CAA04146 AAD41091 AAH01263 AAQ02446 synthetic construct CAH72579 Homo sapiens CA
AAX36721 synthetic construct AAX42672 serum/glucocorticoid regulated kinase /serum/glucocorticoid regulated kinase
BAE01442 Macaca fascicularis unnamed protein product
NP_ 035491 Mus musculus Q9WVC6 AAD43302 AAF19429 AAH05720 AAH70401 BAE34843 BAE39461 BAE21048 serum/glucocorticoid regulate
BAE26849 Mus musculus BAE26871 unnamed protein product/unnamed protein product
AAI48094 Rattus norvegicus AAH78843 A48094 serum and glucocorticoid-regulated kinase - rat/Serum/glucocorticoid regulated kin
XP_ 859942 Canis familiaris XP_ 849801 PREDICTED: similar to serum/glucocorticoid regulated kinase isoform 7 /PREDICTED: sim
Q2XV78 Oryctolagus cuniculus AAD43363 SGK1_RABIT Serine/threonine-protein kinase Sgk1 (Serum/glucocorticoid-regulated kinas
XP_ 878311 Bos taurus XP_ 878407 XP_ 593946 XP_ 869737 PREDICTED: similar to serum/glucocorticoid regulated kinase isoform 5 /
AAC62398 Xenopus laevis AAH73077 unknown/Sgk protein
AAH74305 Xenopus laevis MGC84110 protein
NP_ 001025593 Xenopus tropicalis AAH91042 MGC107956 protein/MGC107956 protein
CAA11527 Squalus acanthias s-sgk1
AAA11528 Squalus acanthias s-sgk2
AAF27051 Homo sapiens SGK-like protein SGKL
NP_ 037389 Homo sapiens NP_ 001028750 Q96BR1 AAF12758 AAH15326 AAQ02420 synthetic construct CAG38818 Homo sapiens CAH9235
CAH15969 Homo sapiens hypothetical protein
XP_ 870723 Bos taurus XP_ 580614 PREDICTED: similar to Serine/threonine-protein kinase Sgk3 (Serum/glucocorticoid regulated
AAC27349 Mus musculus unnamed protein product
NP_ 001032848 Mus musculus NP_ 808215 NP_ 573483 Q9ERE5 AAG34115 AAH18363 BAC26895 BAC27269 BAE27261 BAE42748 BAE30182 BAE4294
XP_ 503629 Yarrowia lipolytica CLIB122 CAG79210 hypothetical protein/unnamed protein product
BAE55054 Aspergillus oryzae unnamed protein product
XP_ 755395 Aspergillus fumigatus Af293 EAL93357 serine/threonine protein kinase /serine/threonine protein kinase, putative
XP_ 663577 Aspergillus nidulans FGSC A4 EAA57722 hypothetical protein AN5973.2/hypothetical protein AN5973.2
XP_ 962134 Neurospora crassa N150 XP_ 327566 Neurospora crassa EAA32898 EAQ87796 Chaetomium globosum CBS 148.51 protein
XP_ 370084 Magnaporthe grisea 70-15 hypothetical protein MG06599.4
XP_ 567489 Cryptococcus neoformans var. neoformans JEC21 EAL18314 Cryptococcus neoformans var. neoformans B-3501A AAW45972
NP_ 588010 Schizosaccharomyces pombe 972h- Q9PTJ8 Schizosaccharomyces pombe CAB76216 hypothetical protein SPCC245.10.07/GA
XP_ 452097 Kluyveromyces lactis NRRL Y-1140 CAH02490 unnamed protein product/unnamed protein product
XP_ 448372 Candida glabrata CBS 138 CAG61333 unnamed protein product/unnamed protein product
XP_ 448545 Candida glabrata CBS 138 CAG61508 unnamed protein product/unnamed protein product
XP_ 568558 Cryptococcus neoformans var. neoformans JEC21 AAM21494 Cryptococcus neoformans var. grubii EAL17206 Cryptococc
XP_817377 Trypanosoma cruzi strain CL Brener EAN85526 Trypanosoma cruzi rac serine-threonine kinase/rac serine-threonine
XP_815140 Trypanosoma cruzi strain CL Brener EAN93289 Trypanosoma cruzi rac serine-threonine kinase/rac serine-threonine
0.100