AT1G09000 = NP_563832 O22040 BAA21854 BAA21855 BAC41954 AAO64884 ANP1 (NPK1-RELATED PROTEIN KINASE 1S); kinase/M3K1_ARATH Mitogen-activated protein kinase kinase kinase 1 (Arabidopsis NPK1-related protein kinase 1)/NPK1-related protein kinase 1L /N
BAA21856 *Arabidopsis thaliana* NPK1-related protein kinase 2
AT1G54960 = NP_175894 Q9FZ36 AAG00876 AAG51109 ANP2; kinase/M3K2_ARATH Mitogen-activated protein kinase kinase kinase 2 (Arabidopsis NPK1-related protein kinase 2)/NPK1-related protein kinase 2 /NPK1-related protein kinase, putative
XP_482452 *Oryza sativa* (japonica cultivar-group) BAC98657 putative protein kinase/putative protein kinase
XP_450818 *Oryza sativa* (japonica cultivar-group) BAD25847 putative protein kinase/putative protein kinase
AT3G06030 = NP_187254 O22042 BAA21857 AAF66131 AAL47465 AAN46778 ANP3; ATP binding/kinase/protein kinase/protein serine/threonine kinase/protein-tyrosine kinase /M3K3_ARATH Mitogen-activated protein kinase kinase kinase 3 (Arabidsopsis NPK1-related
BAA05648 *Nicotiana tabacum* protein kinase
Smo_ANP1_212_2
Smo_ANP1_211_2
Ppa_ANP1_10_1
Ppa_ANP1_125_1
3245_Cre
Smo_ANP1_89_2
AT1G63700 = NP_176557 AAG52426 AAR10434 AAR10435 AAR10436 YDA (YODA); ATP binding/kinase/protein kinase/protein serine/threonine kinase/protein-tyrosine kinase /putative protein kinase; 39749-43572 /YDA /YDA /YDA
XP_473481 *Oryza sativa* (japonica cultivar-group) CAD41079 OSJNBa0084K11.3/OSJNBa0084K11.3
BAD28399 *Oryza sativa* (japonica cultivar-group) BAD27776 putative MAP3K alpha 1 protein kinase/putative MAP3K alpha 1 protein kinase
Ppa_ANP1_171_1
Smo_ANP1_18_1
XP_472590 *Oryza sativa* (japonica cultivar-group) CAD40821 OSJNBa0006B20.13/OSJNBa0006B20.13
XP_466203 *Oryza sativa* (japonica cultivar-group) BAD15457 putative MEK kinase/putative MEK kinase
AAF34436 *Oryza sativa* (japonica cultivar-group) ABA92000 *Oryza sativa* (japonica cultivar-group) similar to mitogen-activated protein kinases/mitogen-activated protein kinases, putative
CAA08995 *Brassica napus* MAP3K alpha 1 protein kinase
AT1G53570 = NP_564635 NP_849803 NP_001031181 AAD10848 AAF78433 AAG51965 AAL31904 AAM98147 AAO00958 MAP3KA; ATP binding/kinase/protein kinase/protein serine/threonine kinase/protein-tyrosine kinase /MAP3KA; ATP binding /kinase/protein kinase/protein
BAD12492 *Lotus japonicus* mitogen-activated kinase kinase kinase alpha
AAS78639 *Nicotiana benthamiana* MAP3Ka
AAS78640 *Lycopersicon esculentum* MAP3Ka
XP_639165 *Dictyostelium discoideum* AX4 AAC97114 *Dictyostelium discoideum* EAL65773 MEK kinase/MEK kinase alpha /protein serine/threonine kinase
1044_Cre
1457_Cre
NP_595714 *Schizosaccharomyces pombe* 972h- P28829 *Schizosaccharomyces pombe* CAA48731 AAA35289 CAB10150 CAB10981 hypothetical protein SPBC1D7.05a/BYR2_SCHPO Protein kinase byr2 (Protein kinase ste8) (MAPK kinase kinase) (MAPKKK) /protein kinase /byr2
XP_445090 *Candida glabrata* CBS 138 CAG57990 AAT98628 *Candida glabrata* unnamed protein product/unnamed protein product /protein kinase MAPKKK
NP_013466 *Saccharomyces cerevisiae* P23561 CAA37522 AAB67571 Signal transducing MEK kinase involved in pheromone response and pseudohyphal/invasive growth pathways, where it phosphorylates Ste7p, and the high osmolarity response pathway, via phosphory
XP_721090 *Candida albicans* SC5314 XP_720968 EAL02148 EAL02276 putative pheromone pathway MAPKKK/putative pheromone pathway MAPKKK /potential pheromone pathway MAPKKK /potential pheromone pathway MAPKKK
XP_457180 *Debaryomyces hansenii* CBS767 CAG85175 hypothetical protein DEHA0B04895g/unnamed protein product
AAG30572 *Pneumocystis carinii* mekk
XP_760405 *Ustilago maydis* 521 AAF86841 *Ustilago maydis* AAN63948 EAK85307 *Ustilago maydis* 521 hypothetical protein UM04258.1/pheromone-responsive MAPKK kinase Ubc4 /MAPKK kinase Kpp4 /hypothetical protein UM04258.1
AAN39295 *Cryptococcus neoformans var. neoformans* AAN75612 MAP kinase kinase kinase/STE11
AAN75180 *Cryptococcus neoformans var. grubii* STE11
AAV28794 *Cryptococcus gattii* STE11p
XP_570496 *Cryptococcus neoformans var. neoformans* JEC21 AAG30205 *Cryptococcus neoformans var. neoformans* AAN75716 EAL21367 *Cryptococcus neoformans var. neoformans* B-3501A AAW43189 *Cryptococcus neoformans var. neoformans* JEC21 Ste11alpha protein
BAE55040 *Aspergillus oryzae* unnamed protein product
XP_753991 *Aspergillus fumigatus* Af293 EAL91543 MAP kinase kinase kinase STE11/MAP kinase kinase kinase (STE11), putative
XP_659873 *Aspergillus nidulans* FGSC A4 CAD44493 *Emericella nidulans* EAA63842 *Aspergillus nidulans* FGSC A4 hypothetical protein AN2269.2/MAPKK kinase /hypothetical protein AN2269.2
XP_385660 *Gibberella zeae* PH-1 EAA73817 hypothetical protein FG05484.1/hypothetical protein FG05484.1
XP_369824 *Magnaporthe grisea* 70-15 hypothetical protein MG06339.4
EAQ91374 *Chaetomium globosum* CBS 148.51 hypothetical protein CHGG_03309
AAC21676 *Neurospora crassa* MAPKK kinase
XP_962994 *Neurospora crassa* N150 XP_326037 *Neurospora crassa* EAA33758 hypothetical protein ( (AF034090) MAPKK kinase/hypothetical protein ( (AF034090) MAPKK kinase /hypothetical protein ( (AF034090) MAPKK kinase
XP_505381 *Yarrowia lipolytica* CLIB122 CAG78188 CAE12161 *Yarrowia lipolytica* hypothetical protein/unnamed protein product /MAP kinase kinase kinase
BAC11348 *Homo sapiens* unnamed protein product
NP_006600 *Homo sapiens* BAD92200 AAY15070 mitogen-activated protein kinase kinase kinase 2/Protein kinase MEKK2b variant /unknown
AAF63496 *Homo sapiens* protein kinase MEKK2b
NP_036076 *Mus musculus* mitogen activated protein kinase kinase kinase 2
XP_580739 *Bos taurus* PREDICTED: similar to Mitogen-activated protein kinase kinase kinase 2 (MAPK/ERK kinase kinase 2) (MEK kinase 2) (MEKK 2)
XP_852274 *Canis familiaris* PREDICTED: similar to Mitogen-activated protein kinase kinase kinase 2 (MAPK/ERK kinase kinase 2) (MEK kinase 2) (MEKK 2)
XP_422075 *Gallus gallus* PREDICTED: similar to protein kinase MEKK2b
XP_683488 *Danio rerio* PREDICTED: similar to mitogen-activated protein kinase kinase kinase 3 isoform 2
CAG31279 *Gallus gallus* hypothetical protein
AAH90230 *Xenopus laevis* Unknown (protein for MGC:85086)
CAG07232 *Tetraodon nigroviridis* unnamed protein product
XP_221034 *Rattus norvegicus* PREDICTED: similar to MEK Kinase 3
XP_537600 *Canis familiaris* XP_886062 *Bos taurus* XP_886084 XP_873027 XP_886100 NP_002392 *Homo sapiens* NP_976226 Q99759 AAB41729 AAH08336 CAD38973 AAH90859 AAH93674 AAH93672 PREDICTED: similar to mitogen-activated protein kinase kinase kinase 3 iso
XP_418076 *Gallus gallus* PREDICTED: similar to mitogen-activated protein kinase kinase kinase 3 isoform 1; MAP/ERK kinase kinase 3; MAP/ERK kinase kinase 3
XP_688694 *Danio rerio* PREDICTED: similar to Mitogen-activated protein kinase kinase kinase 3 (MAPK/ERK kinase kinase 3) (MEK kinase 3) (MEKK 3)
XP_782621 *Strongylocentrotus purpuratus* PREDICTED: similar to Mitogen-activated protein kinase kinase kinase 2 (MAPK/ERK kinase kinase 2) (MEK kinase 2) (MEKK 2)
XP_701002 *Danio rerio* XP_693799 PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4 /PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4
XP_426605 *Gallus gallus* PREDICTED: similar to hypothetical protein FLJ23074
XP_919148 *Mus musculus* PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4 isoform 1
XP_856097 *Canis familiaris* XP_541017 PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4 isoform 2 isoform 4 /PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4 isoform 1 isoform 1
XP_583510 *Bos taurus* PREDICTED: similar to Yeast Sps1/Ste20-related kinase 4 isoform 1
NP_079328 *Homo sapiens* NP_001018056 AAT81410 AAT81411 AAT81413 Yeast Sps1/Ste20-related kinase 4 isoform 1 /Yeast Sps1/Ste20-related kinase 4 isoform 2 /regulated in COPD kinase transcript variant 1 /regulated in COPD kinase transcript variant 2 /reg

0.100