MSI1 (AT5G58230): global tree
File name: MSI1.mltree0.svg
281 aa residues 59 OTU included.

XP_668615 *Cryptosporidium hominis TU502* EAL38409 *Cryptosporidium hominis* hypothetical protein Chro.40382/hypothetical protein Chro.40382
EAS04841 *Tetrahymena thermophila SB210* hypothetical protein TTHERM_00467910
AAN40972 *Tortula ruralis* WD40
ABA91317 *Oryza sativa* (japonica cultivar-group) WD-40 repeat protein, putative
AT2G19540 = NP_179544 AAD10153 AAK43883 AAM91214 nucleotide binding/putative WD-40 repeat protein /putative WD-40 repeat protein /putative WD-40 repeat protein
CAF74836 *Silene noctiflora* putative WD repeat protein
CAF74835 *Silene diclinis* putative WD repeat protein
CAB52218 *Silene latifolia* CAB52219 CAC81927 CAF74832 *Silene dioica* CAF74833 CAF74834 *Silene diclinis* Y1 protein/X1 protein /putative WD-repeat protein /putative WD repeat protein /putative WD repeat protein /putative WD repeat protein
AAX58755 *Physcomitrella patens* WD-40 repeat domain protein
Smo_MSI1_41_1
NP_916585 *Oryza sativa* (japonica cultivar-group) BAD81520 putative WD-repeat protein RBAP1/putative Y1 protein
AAM77039 *Zea mays* nucleosome/chromatin assembly factor group C
AAF97517 *Zea mays* AAK67147 WD-repeat protein RBAP1/nucleosome/chromatin assembly factor C
AAX47182 *Pisum sativum* FVE
AT4G29730 = NP_194702 Q9SU78 CAB45333 CAB79731 AAQ89632 BAD44188 MSI5/MSI5_ARATH WD-40 repeat protein MSI5/WD-40 repeat-like protein /WD-40 repeat-like protein /At4g29730 /WD-40 repeat-like protein
AT2G19520 = NP_565456 O22607 AAD03340 AAL15286 AAL24281 AAM10009 AAD10151 AAP29474 AAP29475 AAX51264 FVE (FVE)/MSI4_ARATH WD-40 repeat protein MSI4 (Altered cold-responsive gene 1 protein)/WD-40 repeat protein MSI4 /At2g19520/F3P11.12 /putative WD-4
Smo_MSI1_6_1
Smo_MSI1_12_1
NP_586003 *Encephalitozoon cuniculi GB-M1* CAD25607 HISTONE ACETYLTRANSFERASE TYPE B SUBUNIT 2/HISTONE ACETYLTRANSFERASE TYPE B SUBUNIT 2
NP_587881 *Schizosaccharomyces pombe* 972h- O94244 *Schizosaccharomyces pombe* CAA20448 hypothetical protein SPCC1672.10/HAT2_SCHPO Histone acetyltransferase type B subunit 2/SPCC1672.10
EAQ86490 *Chaetomium globosum CBS 148.51* hypothetical protein CHGG_07743
XP_960994 *Neurospora crassa* N150 XP_326965 *Neurospora crassa* Q7S7N3 EAA31758 hypothetical protein/hypothetical protein /HAT2_NEUCR Histone acetyltransferase type B subunit 2 /hypothetical protein
XP_367398 *Magnaporthe grisea 70-15* hypothetical protein MG07323.4
XP_748030 *Aspergillus fumigatus Af293* Q4WEI5 *Aspergillus fumigatus* EAL85992 *Aspergillus fumigatus Af293* chromatin assembly factor 1 subunit C/HAT2_ASPFU Histone acetyltransferase type B subunit 2 /chromatin assembly factor 1 subunit C, putative
Q2UA71 *Aspergillus oryzae* BAE61544 HAT2_ASPOR Histone acetyltransferase type B subunit 2/unnamed protein product
XP_571944 *Cryptococcus neoformans var. neoformans JEC21* Q5KDT9 *Filobasidiella neoformans* EAL19568 *Cryptococcus neoformans var. neoformans B-3501A* AAW44637 *Cryptococcus neoformans var. neoformans JEC21* H3/H4 histone acetyltransferase /HAT2_CRYNE
XP_760907 *Ustilago maydis 521* Q4P553 *Ustilago maydis* EAK86140 *Ustilago maydis 521* hypothetical protein UM04760.1/HAT2_USTMA Histone acetyltransferase type B subunit 2/hypothetical protein UM04760.1
XP_640105 *Dictyostelium discoideum AX4* EAL66124 *Dictyostelium discoideum* hypothetical protein DDB0204816/hypothetical protein DDB0204816
CAE60159 *Caenorhabditis briggsae* Hypothetical protein CBG03711
NP_492551 *Caenorhabditis elegans* P90917 CAB03172 RbAp48 related family member (rba-1)/RBA1_CAEEL Probable histone-binding protein rba-1 /Hypothetical protein K07A1.11
AAL56459 *Oikopleura dioica* similar to retinoblastoma binding proteins 4 and 7
AAW27171 *Schistosoma japonicum* SJCHGC09312 protein
XP_520956 *Pan troglodytes* XP_858055 *Canis familiaris* PREDICTED: retinoblastoma binding protein 7/PREDICTED: similar to retinoblastoma binding protein 7 isoform 8
XP_708179 *Danio rerio* XP_707625 PREDICTED: similar to Retinoblastoma binding protein 4 isoform 2/PREDICTED: similar to Retinoblastoma binding protein 4 isoform 2
CAF90748 *Tetraodon nigroviridis* unnamed protein product
XP_848223 *Canis familiaris* PREDICTED: similar to retinoblastoma binding protein 4 isoform 1
Q60972 *Mus musculus* 2201425A AAC52275 RBBP4_MOUSE Histone-binding protein RBBP4 (Retinoblastoma-binding protein 4) (RBBP-4) (Retinoblastoma-binding protein p48) (Chromatin assembly factor 1 subunit C) (CAF-1 subunit C) (Chromatin assembly factor I p48
gnl|CMER|CMT515C_chromatin_assembly_factor_1_55_kDa_subunit
AAM28229 *Zea mays* nucleosome/chromatin assembly factor 104
BAD46577 *Oryza sativa* (japonica cultivar-group) putative WD-40 repeat protein
AAB70244 *Arabidopsis thaliana* WD-40 repeat protein
AAO22687 *Arabidopsis thaliana* putative WD-40 repeat protein (MSI3)
AT4G35050 = NP_195231 O22469 CAA17770 CAB80222 AAW38992 MSI3/MSI3_ARATH WD-40 repeat protein MSI3/WD-40 repeat protein (MSI3) /WD-40 repeat protein (MSI3) /At4g35050
AAM65591 *Arabidopsis thaliana* putative WD-40 repeat protein, MSI2
AT2G16780 = NP_179269 B84544 O22468 AAB70243 AAD24611 AAL10505 MSI2/B84544 probable WD-40 repeat protein, MSI2 /MSI2_ARATH WD-40 repeat protein MSI2/WD-40 repeat protein /putative WD-40 repeat protein, MSI2 /At2g16780/T24I21.19
3886_Cre
Ppa_MSI1_1_1
Smo_MSI1_4_1 Smo_MSI1_1_1
AAL33648 *Zea mays* MSI type nucleosome/chromatin assembly factor C
AAT85286 *Oryza sativa* (japonica cultivar-group) MSI type nucleosome/chromatin assembly factor C, putative
ABB92268 *Triticum aestivum* MSI
O22466 *Lycopersicon esculentum* AAB70241 MSI1_LYCES WD-40 repeat protein MSI1/WD-40 repeat protein
AT5G58230 = NP_200631 O22467 AAB70242 BAA96914 AAL24356 AAM47965 MSI1 (MULTICOPY SUPRESSOR OF IRA1)/MSI1_ARATH WD-40 repeat protein MSI1 (Protein MULTICOPY SUPPRESSOR OF IRA 1) (Protein medicis) /WD-40 repeat protein /WD-40 repeat protein MSI1 /WD-4
NP_705178 *Plasmodium falciparum 3D7* CAD52414 chromatin assembly factor 1 subunit, putative/chromatin assembly factor 1 subunit, putative
XP_728365 *Plasmodium yoelii yoelii str. 17XNL* EAA19930 *Plasmodium yoelii yoelii* hypothetical protein PY01043/wd-40 repeat protein msi1
XP_680059 *Plasmodium berghei strain ANKA* CAH99707 *Plasmodium berghei* chromatin assembly factor 1 subunit/chromatin assembly factor 1 subunit, putative
XP_665583 *Cryptosporidium hominis TU502* EAL35353 *Cryptosporidium hominis* ENSANGP00000014714/ENSANGP00000014714
XP_626028 *Cryptosporidium parvum Iowa II* EAK88156 *Cryptosporidium parvum* hypothetical protein cgd5_740/WD protein
XP_628031 *Cryptosporidium parvum Iowa II* EAK88601 *Cryptosporidium parvum* hypothetical protein cgd1_1930/WD40 repeat protein, predicted histone deacetylase subunit

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