MYB4_AT4G38620: global tree
File name: MYB4_AT4G38620.mltree0.svg
116 aa residues 78 OTU included.

Assemble Job Id: jicK21
Tree job id: ZaLtB8
BP values out of 100
Analyzed by saori@nibb.ac.jp
Date: Fri Jun 30 22:26:13 JST 2006

4 OTUs were removed t o make this tree

(1) gi¦19057¦[Hordeum vulgare subsp. vulgare]
(2) gi¦19072742¦[Zea mays]
(3) gi¦19548409¦[Sorghum bicolor]
(4) gi¦84181126¦[Vitis vinifera]

AAL84612 *Zea mays* typical P-type R2R3 Myb protein
BAC75671 *Lotus japonicus* transcription factor MYB101
AAK19616 *Gossypium hirsutum* GHMYB25
CAA78386 *Petunia x hybrida* protein 1
AT5G15310 = NP_197035 CAB89341 AAK43932 AAS10094 DNA binding/transcription factor /myb-related protein-like /myb-related protein-like /MYB transcription factor
AAF26160 *Arabidopsis thaliana* AAF65559 putative Myb-related transcription factor/putative transcription factor
XP_472754 *Oryza sativa* (japonica cultivar-group) CAD40986 OSJNBa0072F16.11/OSJNBa0072F16.11
BAD29569 *Oryza sativa* (japonica cultivar-group) MYB27 protein-like
Ppa_MYB4AT4G38620_19_1
Smo_MYB4AT4G38620_32_1
ABD60286 *Picea glauca* R2R3-MYB transcription factor MYB11
AAZ20434 *Malus x domestica* MYB18
ABD32341 *Medicago truncatula* N-6 Adenine-specific DNA methylase; Homeodomain-related
AT4G05100 = NP_192419 CAB81052 AAK62377 AAN65069 AAS10073 DNA binding/transcription factor /MYB-like protein /Unknown protein /Unknown protein /MYB transcription factor
AT4G28110 = NP_194540 CAB79613 AAN71929 AAS10080 DNA binding/transcription factor /putative transcription factor MYB41 /putative myb family transcription factor /MYB transcription factor
AAL32697 *Arabidopsis thaliana* myb-related protein M4
AT4G21440 = NP_567626 CAB77384 CAB81661 AAM64808 AAN65122 AAS10077 DNA binding/transcription factor /putative transcription factor /putative transcription factor /myb-related protein M4 /myb-related protein M4 /MYB transcription factor
XP_478689 *Oryza sativa* (japonica cultivar-group) CAA72218 BAC84030 myb protein/myb /myb protein
AT5G16770 = NP_197179 NP_974792 CAC01841 AAS10096 DNA binding/transcription factor /DNA binding /putative transcription factor (MYB9) /MYB transcription factor
AT3G02940 = NP_186944 AAF26965 AAF65560 AAS10053 MYB107; DNA binding/transcription factor /putative MYB family transcription factor /putative transcription factor /MYB transcription factor
BAA81730 *Glycine max* BAA81731 GmMYB29A1/GmMYB29A1
BAA81732 *Glycine max* GmMYB29A2
AT3G13540 = NP_187963 2206352A AAC49311 BAB01761 AAS10057 ATMYB5; DNA binding/transcription factor /2206352A Atmyb5 gene/myb-related protein Atmyb5 /myb-related protein 5 /MYB transcription factor
AAX51291 *Vitis vinifera* MYB5b
AAY51377 *Petunia x hybrida* PH4
AAA82943 *Picea mariana* MYB-like transcriptional factor MBF1
Smo_MYB4AT4G38620_65_1
AAK84064 *Fragaria x ananassa* transcription factor MYB1
AAC04720 *Gossypium hirsutum* AAN28285 AAN28286 AAN28287 *Gossypium raimondii* AAN28289 *Gossypioides kirkii* MYB-like DNA-binding domain protein/myb-like transcription factor 5 /myb-like transcription factor 6 /myb-like transcription factor 6 /myb-lik
Smo_MYB4AT4G38620_21_1
Smo_MYB4AT4G38620_68_1
Smo_MYB4AT4G38620_92_1 Smo_MYB4AT4G38620_24_1
ABD60284 *Picea glauca* R2R3-MYB transcription factor MYB13
ABD60279 *Pinus taeda* R2R3-MYB transcription factor MYB14
ABD60287 *Picea glauca* R2R3-MYB transcription factor MYB10
ABD60292 *Picea glauca* R2R3-MYB transcription factor MYB5
AAN28273 *Gossypioides kirkii* myb-like transcription factor 1
AAA33067 *Gossypium hirsutum* AAN28269 AAN28270 AAN28271 *Gossypium raimondii* AAN28272 *Gossypium herbaceum* MYB1/myb-like transcription factor 1 /myb-like transcription factor 1 /myb-like transcription factor 1 /myb-like transcription factor 1
AT1G35515 = NP_849749 AAF20989 AAS10031 HOS10/MYB8 (HIGH RESPONSE TO OSMOTIC STRESS 10); DNA binding /putative transcription factor /MYB transcription factor
AT4G09460 = NP_192684 AAA98761 CAB78069 AAM63862 AAO42191 AAO50618 AAS10074 ATMYB6; DNA binding/transcription factor /DNA-binding protein/DNA-binding protein /DNA-binding protein /putative myb family transcription factor /putative myb family transcr
AT1G22640 = NP_564176 AAC25522 AAC83581 AAF18515 AAL60051 AAM38678 AAS10027 MYB3; DNA binding/transcription factor /Similar to myb-related transcription factor (THM27) gb|X95296 from Solanum lycopersicum. ESTs gb|T42000, gb|T04118, gb|AA598042, gb|
AAL84621 *Zea mays* typical P-type R2R3 Myb protein
CAJ42201 *Zea mays* transcription factor MYB8
AAL84619 *Zea mays* AAL90645 typical P-type R2R3 Myb protein/P-type R2R3 Myb protein
BAA23338 *Oryza sativa* OSMYB2
ABA96597 *Oryza sativa* (japonica cultivar-group) typical P-type R2R3 Myb protein
AAX96198 *Oryza sativa* (japonica cultivar-group) AAX96305 ABA91793 transposon protein, putative, CACTA, En/Spm sub-class /transposon protein, putative, CACTA, En/Spm sub-class /transposon protein, putative, CACTA, En/Spm sub-class
AAS19476 *Tradescantia fluminensis* MYB2
AAS19480 *Tradescantia fluminensis* MYB6
AAS19475 *Tradescantia fluminensis* MYB1
CAA50221 *Hordeum vulgare subsp. vulgare* MybHv5
XP_475269 *Oryza sativa* (japonica cultivar-group) BAA23337 *Oryza sativa* AAV59423 *Oryza sativa* (japonica cultivar-group) putative myb protein/OSMYB1 /putative myb protein
AAL78373 *Oryza sativa* putative myb protein
NP_915716 *Oryza sativa* (japonica cultivar-group) BAB86217 BAB89293 BAB92433 putative myb-related protein/putative myb-related protein /putative myb2 /putative myb2
AT2G16720 = NP_179263 CAA62033 AAA98762 AAD24605 AAS10043 MYB7; DNA binding/transcription factor /Y49 /DNA-binding protein/myb DNA-binding protein /MYB transcription factor
AT4G34990 = NP_195225 CAA77764 AAF13100 CAB80216 AAS10082 ABD91498 DNA binding/transcription factor /MYB-like protein /DNA-binding protein /DNA-binding protein /MYB-like protein /MYB transcription factor /At4g34990
CAA64614 *Lycopersicon esculentum* transcription factor
CAE09058 *Eucalyptus gunnii* MYB transcription factor
CAD98762 *Populus tremula x Populus tremuloides* MYB transcription factor R2R3 type
AAK19619 *Gossypium hirsutum* GHMYB9
P20025 *Zea mays* 1613412D MYB38_MAIZE Myb-related protein Zm38/1613412D myb-related gene Zm38
CAJ42204 *Zea mays* transcription factor MYB42
XP_483665 *Oryza sativa* (japonica cultivar-group) AAL84628 BAD08950 typical P-type R2R3 Myb protein/typical P-type R2R3 Myb protein /typical P-type R2R3 Myb protein
AAO49419 *Dendrobium* sp. XMW-2002-10 MYB10
CAJ42202 *Zea mays* transcription factor MYB31
1613412A *Hordeum vulgare subsp. vulgare* P20026 *Hordeum vulgare* CAA50222 *Hordeum vulgare subsp. vulgare* CAA50224 1613412A myb-related gene Hv1/MYB1_HORVU Myb-related protein Hv1 /MybHv1 /MybHv1
AAT37167 *Triticum aestivum* transcription factor Myb1
BAD34380 *Oryza sativa* (japonica cultivar-group) putative Myb-related protein Zm38
AAO49417 *Dendrobium* sp. XMW-2002-8 MYB8
AT4G38620 = NP_195574 Q9SZP1 AAC83582 CAB73518 CAB80526 AAL49837 AAM67537 AAM98178 AAP13410 AAS10085 MYB4; transcription factor/MYB4_ARATH Transcription repressor MYB4 (Myb-related protein 4) (AtMYB4) /putative transcription factor /putative transcr
XP_483654 *Oryza sativa* (japonica cultivar-group) BAD10751 BAD09945 putative Myb13 protein/putative Myb13 protein /putative Myb13 protein
Q50EX6 *Petunia x hybrida* AAV98200 ODO1_PETHY ODORANT1 protein (MYB-like protein ODO1)/MYB-like protein ODORANT1
AT4G22680 = NP_567664 AAD53098 AAM62722 AAS10078 BAD43481 BAD43540 MYB85; DNA binding/transcription factor /putative transcription factor /myb-like protein /MYB transcription factor /myb-like protein /myb-like protein
ABD60296 *Picea glauca* R2R3-MYB transcription factor MYB1
Smo_MYB4AT4G38620_56_2
Ppa_MYB4AT4G38620_22_1 P80073 *Physcomitrella patens* CAA47435 MYB2_PHYPA Myb-related protein Pp2/Pp2
Ppa_MYB4AT4G38620_6_1
Ppa_MYB4AT4G38620_7_1

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