|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S4 Phylogeneticanalysisof *JrMYBs*** | | | | | | | |
| 1R-MYB/MYB-related | | R2R3-MYB | | 3R-MYB | | 4R-MYB | |
| ID | Renamed ID | ID | Renamed ID | ID | Renamed ID | ID | Renamed ID |
| JreChr09G11192.mrna1 | JrMYB010 | JreChr13G11920.mrna1 | JrMYB111 | JreChr12G11029.mrna1 | JrMYB123 | JreChr15G11179.mrna1 | JrMYB119 |
| JreChr09G11680.mrna1 | JrMYB018 | JreChr09G11582.mrna1 | JrMYB105 | JreChr07G12080.mrna1 | JrMYB126 |  |  |
| JreChr06G10605.mrna1 | JrMYB047 | JreChr13G11465.mrna1 | JrMYB101 | JreChr03G12161.mrna1 | JrMYB125 |  |  |
| JreChr11G12445.mrna1 | JrMYB073 | JreChr15G11027.mrna1 | JrMYB091 | JreChr01G13703.mrna1 | JrMYB124 |  |  |
| JreChr05G10390.mrna1 | JrMYB093 | JreChr16G10755.mrna1 | JrMYB098 |  |  |  |  |
| JreChr11G12219.mrna1 | JrMYB097 | JreChr07G11159.mrna1 | JrMYB121 |  |  |  |  |
| JreChr13G12042.mrna1 | JrMYB062 | JreChr04G12409.mrna1 | JrMYB095 |  |  |  |  |
| JreChr10G10958.mrna1 | JrMYB042 | JreChr02G11564.mrna1 | JrMYB028 |  |  |  |  |
| JreChr15G11855.mrna1 | JrMYB079 | JreChr02G11728.mrna1 | JrMYB081 |  |  |  |  |
| JreChr01G12502.mrna1 | JrMYB089 | JreChr12G10228.mrna1 | JrMYB116 |  |  |  |  |
| JreChr12G10484.mrna1 | JrMYB084 | JreChr09G11558.mrna1 | JrMYB106 |  |  |  |  |
| JreChr16G10640.mrna1 | JrMYB031 | JreChr03G10575.mrna1 | JrMYB122 |  |  |  |  |
| JreChr02G11238.mrna1 | JrMYB100 | JreChr14G11553.mrna1 | JrMYB113 |  |  |  |  |
| JreChr03G11982.mrna1 | JrMYB086 | JreChr14G11044.mrna1 | JrMYB120 |  |  |  |  |
| JreChr07G10252.mrna1 | JrMYB051 | JreChr16G10244.mrna1 | JrMYB049 |  |  |  |  |
| JreChr09G12233.mrna1 | JrMYB074 | JreChr08G12278.mrna1 | JrMYB118 |  |  |  |  |
| JreChr08G11938.mrna1 | JrMYB030 | JreChr01G13386.mrna1 | JrMYB090 |  |  |  |  |
| JreChr10G10982.mrna1 | JrMYB040 | JreChr15G10894.mrna1 | JrMYB094 |  |  |  |  |
| JreChr01G11515.mrna1 | JrMYB013 | JreChr01G13149.mrna1 | JrMYB003 |  |  |  |  |
| JreChr10G10696.mrna1 | JrMYB002 |  |  |  |  |  |  |
| JreChr16G11045.mrna1 | JrMYB048 |  |  |  |  |  |  |
| 1R-MYB/MYB-related | | R2R3-MYB | | 3R-MYB | | 4R-MYB | |
| ID | Renamed ID | ID | Renamed ID | ID | Renamed ID | ID | Renamed ID |
| JreChr12G10723.mrna1 | JrMYB043 |  |  |  |  |  |  |
| JreChr06G12209.mrna1 | JrMYB029 |  |  |  |  |  |  |
| JreChr14G11402.mrna1 | JrMYB044 |  |  |  |  |  |  |
| JreChr05G12209.mrna1 | JrMYB087 |  |  |  |  |  |  |
| JreChr14G11465.mrna1 | JrMYB009 |  |  |  |  |  |  |
| JreChr09G10036.mrna1 | JrMYB066 |  |  |  |  |  |  |
| JreChr10G12190.mrna1 | JrMYB108 |  |  |  |  |  |  |
| JreChr02G10473.mrna1 | JrMYB053 |  |  |  |  |  |  |
| JreChr16G10498.mrna1 | JrMYB112 |  |  |  |  |  |  |
| JreChr01G12468.mrna1 | JrMYB041 |  |  |  |  |  |  |
| JreChr10G11674.mrna1 | JrMYB060 |  |  |  |  |  |  |
| JreChr10G10967.mrna1 | JrMYB027 |  |  |  |  |  |  |
| JreChr13G10354.mrna1 | JrMYB064 |  |  |  |  |  |  |
| JreChr04G12029.mrna1 | JrMYB115 |  |  |  |  |  |  |
| JreChr01G11040.mrna1 | JrMYB014 |  |  |  |  |  |  |
| JreChr02G11145.mrna1 | JrMYB037 |  |  |  |  |  |  |
| JreChr02G12307.mrna1 | JrMYB103 |  |  |  |  |  |  |
| JreChr06G11544.mrna1 | JrMYB071 |  |  |  |  |  |  |
| JreChr04G11822.mrna1 | JrMYB077 |  |  |  |  |  |  |
| JreChr15G10238.mrna1 | JrMYB001 |  |  |  |  |  |  |
| JreChr10G11427.mrna1 | JrMYB006 |  |  |  |  |  |  |
| JreChr15G11588.mrna1 | JrMYB032 |  |  |  |  |  |  |
| JreChr09G12635.mrna1 | JrMYB102 |  |  |  |  |  |  |
| 1R-MYB/MYB-related | | R2R3-MYB | | 3R-MYB | | 4R-MYB | |
| ID | Renamed ID | ID | Renamed ID | ID | Renamed ID | ID | Renamed ID |
| JreChr06G10494.mrna1 | JrMYB088 |  |  |  |  |  |  |
| JreChr01G13453.mrna1 | JrMYB004 |  |  |  |  |  |  |
| JreChr14G11607.mrna1 | JrMYB045 |  |  |  |  |  |  |
| JreChr06G11238.mrna1 | JrMYB107 |  |  |  |  |  |  |
| JreChr01G12607.mrna1 | JrMYB092 |  |  |  |  |  |  |
| JreChr05G10767.mrna1 | JrMYB067 |  |  |  |  |  |  |
| JreChr14G10817.mrna1 | JrMYB054 |  |  |  |  |  |  |
| JreChr08G12292.mrna1 | JrMYB036 |  |  |  |  |  |  |
| JreChr01G11382.mrna1 | JrMYB055 |  |  |  |  |  |  |
| JreChr15G10243.mrna1 | JrMYB038 |  |  |  |  |  |  |
| JreChr08G12189.mrna1 | JrMYB033 |  |  |  |  |  |  |
| JreChr01G13876.mrna1 | JrMYB096 |  |  |  |  |  |  |
| JreChr11G10352.mrna1 | JrMYB080 |  |  |  |  |  |  |
| JreChr11G10234.mrna1 | JrMYB075 |  |  |  |  |  |  |
| JreChr10G11043.mrna1 | JrMYB068 |  |  |  |  |  |  |
| JreChr06G11224.mrna1 | JrMYB008 |  |  |  |  |  |  |
| JreChr05G12466.mrna1 | JrMYB059 |  |  |  |  |  |  |
| JreChr06G11297.mrna1 | JrMYB022 |  |  |  |  |  |  |
| JreChr11G12655.mrna1 | JrMYB007 |  |  |  |  |  |  |
| JreChr05G12365.mrna1 | JrMYB024 |  |  |  |  |  |  |
| JreChr10G12069.mrna1 | JrMYB035 |  |  |  |  |  |  |
| JreChr07G11890.mrna1 | JrMYB039 |  |  |  |  |  |  |
| JreChr09G12000.mrna1 | JrMYB061 |  |  |  |  |  |  |
| 1R-MYB/MYB-related | | R2R3-MYB | | 3R-MYB | | 4R-MYB | |
| ID | Renamed ID | ID | Renamed ID | ID | Renamed ID | ID | Renamed ID |
| JreChr02G11160.mrna1 | JrMYB082 |  |  |  |  |  |  |
| JreChr05G10679.mrna1 | JrMYB011 |  |  |  |  |  |  |
| JreChr07G10679.mrna1 | JrMYB034 |  |  |  |  |  |  |
| JreChr05G10601.mrna1 | JrMYB021 |  |  |  |  |  |  |
| JreChr10G11470.mrna1 | JrMYB023 |  |  |  |  |  |  |
| JreChr04G11180.mrna1 | JrMYB085 |  |  |  |  |  |  |
| JreChr07G12340.mrna1 | JrMYB020 |  |  |  |  |  |  |
| JreChr04G11042.mrna1 | JrMYB083 |  |  |  |  |  |  |
| JreChr07G11237.mrna1 | JrMYB109 |  |  |  |  |  |  |
| JreChr10G12258.mrna1 | JrMYB063 |  |  |  |  |  |  |
| JreChr13G11187.mrna1 | JrMYB005 |  |  |  |  |  |  |
| JreChr06G11206.mrna1 | JrMYB078 |  |  |  |  |  |  |
| JreChr16G10888.mrna1 | JrMYB046 |  |  |  |  |  |  |
| JreChr03G13109.mrna1 | JrMYB117 |  |  |  |  |  |  |
| JreChr09G10561.mrna1 | JrMYB110 |  |  |  |  |  |  |
| JreChr09G11489.mrna1 | JrMYB057 |  |  |  |  |  |  |
| JreChr01G10237.mrna1 | JrMYB114 |  |  |  |  |  |  |
| JreChr13G10425.mrna1 | JrMYB076 |  |  |  |  |  |  |
| JreChr05G12678.mrna1 | JrMYB015 |  |  |  |  |  |  |
| JreChr09G10741.mrna1 | JrMYB012 |  |  |  |  |  |  |
| JreChr13G10269.mrna1 | JrMYB072 |  |  |  |  |  |  |
| JreChr03G13484.mrna1 | JrMYB056 |  |  |  |  |  |  |
| JreChr02G11947.mrna1 | JrMYB058 |  |  |  |  |  |  |
| 1R-MYB/MYB-related | | R2R3-MYB | | 3R-MYB | | 4R-MYB | |
| ID | Renamed ID | ID | Renamed ID | ID | Renamed ID | ID | Renamed ID |
| JreChr05G11003.mrna1 | JrMYB026 |  |  |  |  |  |  |
| JreChr13G11713.mrna1 | JrMYB065 |  |  |  |  |  |  |
| JreChr05G12459.mrna1 | JrMYB019 |  |  |  |  |  |  |
| JreChr06G10254.mrna1 | JrMYB025 |  |  |  |  |  |  |
| JreChr07G11600.mrna1 | JrMYB017 |  |  |  |  |  |  |
| JreChr09G11623.mrna1 | JrMYB016 |  |  |  |  |  |  |
| JreChr02G11067.mrna1 | JrMYB050 |  |  |  |  |  |  |
| JreChr15G11793.mrna1 | JrMYB099 |  |  |  |  |  |  |
| JreChr03G12684.mrna1 | JrMYB070 |  |  |  |  |  |  |
| JreChr05G10614.mrna1 | JrMYB069 |  |  |  |  |  |  |
| JreChr09G11200.mrna1 | JrMYB104 |  |  |  |  |  |  |
| JreChr01G12922.mrna1 | JrMYB052 |  |  |  |  |  |  |