|  |  |  |
| --- | --- | --- |
| **Table S3 Collinear pairs of *MYB* genes between Walunt and Pecan** | | |
| **Walunt gene ID** | **Renamed ID** | **Pecan gene ID** |
| JreChr01G11040.mrna1 | JrMYB014 | Jr-rna-XM\_043118632.1 |
| JreChr15G10238.mrna1 | JrMYB001 | Jr-rna-XM\_043113007.1 |
| JreChr10G10696.mrna1 | JrMYB002 | Jr-rna-XM\_043090290.1 |
| JreChr01G13149.mrna1 | JrMYB003 | Jr-rna-XM\_043096681.1 |
| JreChr01G13453.mrna1 | JrMYB004 | Jr-rna-XM\_043115730.1 |
| JreChr11G12655.mrna1 | JrMYB007 | Jr-rna-XM\_043091314.1 |
| JreChr06G11224.mrna1 | JrMYB008 | Jr-rna-XM\_043113007.1 |
| JreChr02G11067.mrna1 | JrMYB050 | Jr-rna-XM\_043090226.1 |
| JreChr05G10679.mrna1 | JrMYB011 | Jr-rna-XM\_043122375.1 |
| JreChr09G10741.mrna1 | JrMYB012 | Jr-rna-XM\_043090290.1 |
| JreChr02G11564.mrna1 | JrMYB028 | Jr-rna-XM\_043096681.1 |
| JreChr01G11515.mrna1 | JrMYB013 | Jr-rna-XM\_043136825.1 |
| JreChr03G13484.mrna1 | JrMYB056 | Jr-rna-XM\_043114934.1 |
| JreChr07G11600.mrna1 | JrMYB017 | Jr-rna-XM\_043130915.1 |
| JreChr09G11680.mrna1 | JrMYB018 | Jr-rna-XM\_043115730.1 |
| JreChr05G12459.mrna1 | JrMYB019 | Jr-rna-XM\_043113007.1 |
| JreChr07G12340.mrna1 | JrMYB020 | Jr-rna-XM\_043134274.1 |
| JreChr05G12466.mrna1 | JrMYB059 | Jr-rna-XM\_043107201.1 |
| JreChr14G11465.mrna1 | JrMYB009 | Jr-rna-XM\_043086606.1 |
| JreChr05G12678.mrna1 | JrMYB015 | Jr-rna-XM\_043125531.1 |
| JreChr05G10601.mrna1 | JrMYB021 | Jr-rna-XM\_043123245.1 |
| JreChr06G10254.mrna1 | JrMYB025 | Jr-rna-XM\_043126699.1 |
| JreChr06G11297.mrna1 | JrMYB022 | Jr-rna-XM\_043118632.1 |
| JreChr10G11470.mrna1 | JrMYB023 | Jr-rna-XM\_043086606.1 |
| **Walunt gene ID** | **Renamed ID** | **Pecan gene ID** |
| JreChr05G12365.mrna1 | JrMYB024 | Jr-rna-XM\_043118632.1 |
| JreChr05G11003.mrna1 | JrMYB026 | Jr-rna-XM\_043126699.1 |
| JreChr06G12209.mrna1 | JrMYB029 | Jr-rna-XM\_043128345.1 |
| JreChr07G11890.mrna1 | JrMYB039 | Jr-rna-XM\_043132919.1 |
| JreChr16G10640.mrna1 | JrMYB031 | Jr-rna-XM\_043134274.1 |
| JreChr15G11588.mrna1 | JrMYB032 | Jr-rna-XM\_043134274.1 |
| JreChr08G11938.mrna1 | JrMYB030 | Jr-rna-XM\_043135908.1 |
| JreChr08G12189.mrna1 | JrMYB033 | Jr-rna-XM\_043134274.1 |
| JreChr07G10679.mrna1 | JrMYB034 | Jr-rna-XM\_043136825.1 |
| JreChr08G12292.mrna1 | JrMYB036 | Jr-rna-XM\_043133336.1 |
| JreChr10G12069.mrna1 | JrMYB035 | Jr-rna-XM\_043088423.1 |
| JreChr02G11145.mrna1 | JrMYB037 | Jr-rna-XM\_043091940.1 |
| JreChr09G11489.mrna1 | JrMYB057 | Jr-rna-XM\_043085035.1 |
| JreChr09G11623.mrna1 | JrMYB016 | Jr-rna-XM\_043085965.1 |
| JreChr10G10982.mrna1 | JrMYB040 | Jr-rna-XM\_043089967.1 |
| JreChr01G12468.mrna1 | JrMYB041 | Jr-rna-XM\_043091940.1 |
| JreChr10G10958.mrna1 | JrMYB042 | Jr-rna-XM\_043083928.1 |
| JreChr10G10967.mrna1 | JrMYB027 | Jr-rna-XM\_043089434.1 |
| JreChr14G11402.mrna1 | JrMYB044 | Jr-rna-XM\_043100473.1 |
| JreChr14G11607.mrna1 | JrMYB045 | Jr-rna-XM\_043101349.1 |
| JreChr16G10888.mrna1 | JrMYB046 | Jr-rna-XM\_043104576.1 |
| JreChr06G10605.mrna1 | JrMYB047 | Jr-rna-XM\_043125442.1 |
| JreChr16G11045.mrna1 | JrMYB048 | Jr-rna-XM\_043110068.1 |
| JreChr16G10244.mrna1 | JrMYB049 | Jr-rna-XM\_043104682.1 |
| JreChr12G10723.mrna1 | JrMYB043 | Jr-rna-XM\_043096849.1 |
| **Walunt gene ID** | **Renamed ID** | **Pecan gene ID** |
| JreChr13G11187.mrna1 | JrMYB005 | Jr-rna-XM\_043099728.1 |
| JreChr14G10817.mrna1 | JrMYB054 | Jr-rna-XM\_043104097.1 |
| JreChr07G10252.mrna1 | JrMYB051 | Jr-rna-XM\_043133909.1 |
| JreChr01G12922.mrna1 | JrMYB052 | Jr-rna-XM\_043113011.1 |
| JreChr02G10473.mrna1 | JrMYB053 | Jr-rna-XM\_043135695.1 |
| JreChr01G11382.mrna1 | JrMYB055 | Jr-rna-XM\_043135695.1 |
| JreChr02G11947.mrna1 | JrMYB058 | Jr-rna-XM\_043116665.1 |
| JreChr10G11674.mrna1 | JrMYB060 | Jr-rna-XM\_043084651.1 |
| JreChr09G12000.mrna1 | JrMYB061 | Jr-rna-XM\_043084651.1 |
| JreChr13G12042.mrna1 | JrMYB062 | Jr-rna-XM\_043101349.1 |
| JreChr10G12258.mrna1 | JrMYB063 | Jr-rna-XM\_043085472.1 |
| JreChr13G10354.mrna1 | JrMYB064 | Jr-rna-XM\_043099073.1 |
| JreChr13G11713.mrna1 | JrMYB065 | Jr-rna-XM\_043100473.1 |
| JreChr09G10036.mrna1 | JrMYB066 | Jr-rna-XM\_043085472.1 |
| JreChr05G10767.mrna1 | JrMYB067 | Jr-rna-XM\_043125082.1 |
| JreChr10G11043.mrna1 | JrMYB068 | Jr-rna-XM\_043085307.1 |
| JreChr05G10614.mrna1 | JrMYB069 | Jr-rna-XM\_043116665.1 |
| JreChr03G12684.mrna1 | JrMYB070 | Jr-rna-XM\_043117894.1 |
| JreChr06G11544.mrna1 | JrMYB071 | Jr-rna-XM\_043116665.1 |
| JreChr13G10269.mrna1 | JrMYB072 | Jr-rna-XM\_043099658.1 |
| JreChr11G12445.mrna1 | JrMYB073 | Jr-rna-XM\_043093220.1 |
| JreChr09G12233.mrna1 | JrMYB074 | Jr-rna-XM\_043087932.1 |
| JreChr04G11822.mrna1 | JrMYB077 | Jr-rna-XM\_043117894.1 |
| JreChr06G11206.mrna1 | JrMYB078 | Jr-rna-XM\_043128708.1 |
| JreChr15G11855.mrna1 | JrMYB079 | Jr-rna-XM\_043116625.1 |
| **Walunt gene ID** | **Renamed ID** | **Pecan gene ID** |
| JreChr11G10352.mrna1 | JrMYB080 | Jr-rna-XM\_043093994.1 |
| JreChr02G11728.mrna1 | JrMYB081 | Jr-rna-XM\_043112837.1 |
| JreChr02G11160.mrna1 | JrMYB082 | Jr-rna-XM\_043092428.1 |
| JreChr04G11042.mrna1 | JrMYB083 | Jr-rna-XM\_043092428.1 |
| JreChr12G10484.mrna1 | JrMYB084 | Jr-rna-XM\_043093994.1 |
| JreChr04G11180.mrna1 | JrMYB085 | Jr-rna-XM\_043116625.1 |
| JreChr03G11982.mrna1 | JrMYB086 | Jr-rna-XM\_043116625.1 |
| JreChr05G12209.mrna1 | JrMYB087 | Jr-rna-XM\_043124271.1 |
| JreChr06G10494.mrna1 | JrMYB088 | Jr-rna-XM\_043126469.1 |
| JreChr01G12502.mrna1 | JrMYB089 | Jr-rna-XM\_043092428.1 |
| JreChr01G13386.mrna1 | JrMYB090 | Jr-rna-XM\_043099794.1 |
| JreChr15G11027.mrna1 | JrMYB091 | Jr-rna-XM\_043104682.1 |
| JreChr01G12607.mrna1 | JrMYB092 | Jr-rna-XM\_043093849.1 |
| JreChr05G10390.mrna1 | JrMYB093 | Jr-rna-XM\_043126469.1 |
| JreChr15G10894.mrna1 | JrMYB094 | Jr-rna-XM\_043107057.1 |
| JreChr04G12409.mrna1 | JrMYB095 | Jr-rna-XM\_043119812.1 |
| JreChr01G13876.mrna1 | JrMYB096 | Jr-rna-XM\_043124271.1 |
| JreChr11G12219.mrna1 | JrMYB097 | Jr-rna-XM\_043126469.1 |
| JreChr16G10755.mrna1 | JrMYB098 | Jr-rna-XM\_043107057.1 |
| JreChr15G11793.mrna1 | JrMYB099 | Jr-rna-XM\_043105283.1 |
| JreChr02G11238.mrna1 | JrMYB100 | Jr-rna-XM\_043093849.1 |
| JreChr13G11465.mrna1 | JrMYB101 | Jr-rna-XM\_043099400.1 |
| JreChr09G12635.mrna1 | JrMYB102 | Jr-rna-XM\_043084314.1 |
| JreChr02G12307.mrna1 | JrMYB103 | Jr-rna-XM\_043110479.1 |
| JreChr09G11200.mrna1 | JrMYB104 | Jr-rna-XM\_043087752.1 |
| **Walunt gene ID** | **Renamed ID** | **Pecan gene ID** |
| JreChr09G11582.mrna1 | JrMYB105 | Jr-rna-XM\_043087268.1 |
| JreChr09G11558.mrna1 | JrMYB106 | Jr-rna-XM\_043099794.1 |
| JreChr06G11238.mrna1 | JrMYB107 | Jr-rna-XM\_043127536.1 |
| JreChr10G12190.mrna1 | JrMYB108 | Jr-rna-XM\_043084314.1 |
| JreChr07G11237.mrna1 | JrMYB109 | Jr-rna-XM\_043134248.1 |
| JreChr09G10561.mrna1 | JrMYB110 | Jr-rna-XM\_043086159.1 |
| JreChr13G11920.mrna1 | JrMYB111 | Jr-rna-XM\_043099794.1 |
| JreChr16G10498.mrna1 | JrMYB112 | Jr-rna-XM\_043105884.1 |
| JreChr14G11553.mrna1 | JrMYB113 | Jr-rna-XM\_043099794.1 |
| JreChr01G10237.mrna1 | JrMYB114 | Jr-rna-XM\_043127146.1 |
| JreChr04G12029.mrna1 | JrMYB115 | Jr-rna-XM\_043114437.1 |
| JreChr12G10228.mrna1 | JrMYB116 | Jr-rna-XM\_043091753.1 |
| JreChr03G13109.mrna1 | JrMYB117 | Jr-rna-XM\_043114437.1 |
| JreChr08G12278.mrna1 | JrMYB118 | Jr-rna-XM\_043130891.1 |
| JreChr15G11179.mrna1 | JrMYB119 | Jr-rna-XM\_043105682.1 |
| JreChr14G11044.mrna1 | JrMYB120 | Jr-rna-XM\_043102506.1 |
| JreChr07G11159.mrna1 | JrMYB121 | Jr-rna-XM\_043130891.1 |
| JreChr03G10575.mrna1 | JrMYB122 | Jr-rna-XM\_043113646.1 |
| JreChr12G11029.mrna1 | JrMYB123 | Jr-rna-XM\_043123022.1 |
| JreChr01G13703.mrna1 | JrMYB124 | Jr-rna-XM\_043123022.1 |
| JreChr03G12161.mrna1 | JrMYB125 | Jr-rna-XM\_043117230.1 |
| JreChr07G12080.mrna1 | JrMYB126 | Jr-rna-XM\_043132125.1 |