Suppl. Table 2: Seventy-six SSR markers used for association mapping.

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| --- | --- | --- |
| Marker | Position (cM) | Chromosome |
| GBMS187 | 2.52 | 1H |
| GBMS062 | 20.50 | 1H |
| Bmac0399 | 28.86 | 1H |
| Bmag0872 | 49.78 | 1H |
| GBM1216 | 64.10 | 1H |
| GBMS037 | 66.52 | 1H |
| GBMS017 | 75.08 | 1H |
| Bmag0382 | 99.69 | 1H |
| GBMS053 | 120.62 | 1H |
| WMC1E8 | 131.93 | 1H |
| GBMS247 | 8.11 | 2H |
| GBM1187 | 19.51 | 2H |
| GBM5018 | 33.20 | 2H |
| GBMS137 | 48.64 | 2H |
| Bmac0218a | 51.14 | 2H |
| Bmag0711 | 79.52 | 2H |
| GBM1408 | 89.44 | 2H |
| GBMS244 | 102.68 | 2H |
| GBM1469 | 112.74 | 2H |
| GBM1200 | 124.80 | 2H |
| GBM1462 | 137.85 | 2H |
| Bmag0749 | 147.93 | 2H |
| GBM1012 | 149.81 | 2H |
| GBM1036 | 156.39 | 2H |
| GBM1040 | 1.69 | 3H |
| GBM1073 | 8.94 | 3H |
| HvLTPPB | 20.49 | 3H |
| GBM1284 | 31.95 | 3H |
| GBMS046 | 49.46 | 3H |
| GBM1110 | 60.27 | 3H |
| HVM60 | 73.19 | 3H |
| GBMS204 | 80.52 | 3H |
| Bmag0013 | 113.70 | 3H |
| GBMS038 | 131.31 | 3H |
| Bmag0853 | 144.10 | 3H |
| GBM1420 | 152.53 | 3H |
| GBMS028 | 4.93 | 4H |
| GBM1221 | 14.65 | 4H |
| HVM40 | 22.40 | 4H |
| GBMS087 | 41.26 | 4H |
| Bmag0740 | 50.86 | 4H |
| Bmag0353 | 65.01 | 4H |
| GBM5210 | 72.93 | 4H |
| EBmac0788 | 97.67 | 4H |
| GBM1015 | 115.94 | 4H |
| GBM1018 | 132.69 | 4H |
| GBM1176 | 18.59 | 5H |
| GBM5028 | 27.41 | 5H |
| Bmag0751 | 42.87 | 5H |
| Bmac0096 | 53.12 | 5H |
| GBM1506 | 75.45 | 5H |
| GBMS013 | 104.51 | 5H |
| GBMS119 | 122.09 | 5H |
| GBMS077 | 144.93 | 5H |
| Bmag0113i | 160.00 | 5H |
| GMS002 | 183.75 | 5H |
| Bmac0316 | 7.16 | 6H |
| GBMS033 | 28.81 | 6H |
| GBM1212 | 55.10 | 6H |
| GBMS180 | 70.16 | 6H |
| EBmac0602 | 75.42 | 6H |
| GBM1022 | 105.26 | 6H |
| GBM1274 | 123.45 | 6H |
| GBM1005 | 131.12 | 6H |
| GBM1126 | 8.80 | 7H |
| Bmag0007 | 20.62 | 7H |
| EBmac0603 | 35.39 | 7H |
| GBMS226 | 62.09 | 7H |
| GBMS111 | 83.80 | 7H |
| GBM1472 | 88.46 | 7H |
| GBMS141 | 93.04 | 7H |
| Bmag0120 | 97.00 | 7H |
| GBM1362 | 123.22 | 7H |
| EBmac0755 | 125.21 | 7H |
| Bmag0135 | 147.51 | 7H |
| GBMS183 | 154.36 | 7H |