**Table S2. SNP and flanking sequences used in this study**

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| **Marker ID** | **SNP Sequence** |
| SWRm\_01617 | TGTATTCCAAGGTAAACCCAGCAACTCTTTGCAAAGGAGCAGGAGAAAAA[A/G]AGATGGGTCGTGTCTTCAARGGCTGCATCACTGCACATTACACATTCTGG |
| SWRm\_01522 | TGTTGAGGACTTGATACTGGATTGGCATGTTCTGTTGTAACGACCACAAC[T/C]AATATGTATATTATATTTAGTTCACCAACTATACATATATGTTGGAGTCT |
| SWRm\_01695 | TCTATCATTGGGTTATCATTAGGCTAGAGGGCCGCTCCACCAACTCTATC[C/T]AACTGCATGGTCACTCCTATCACGTCATTCTTGCTATAGTGCGATAATAT |
| SWRm\_00328 | TCGCCGCCGCCGCTTCGCTCTCATCTCTCCCCGTCTCCGTCTCCACCACCATGGATTGAT[A/G]CCTCAGAAAGTCTTCGGTCTTCGTCGGAGTCACCAATCACATGGCGATTGCGAGCACGCA |