**Table S1** Primers for SNPs based on Tetra-AMRS PCR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Position | Reference genome | Yudou25 | Zaoshu18 | Primer sequence |
| YZSnp2 | 4038036 | T | A | T |  Forward inner primer (A allele) | TCATATATTTTTTGGTTTAATGAGGGT |
|  |  |  |  |  | Reverse inner primer (C allele) | AATAAAATGGTGATCAAATCTTCAGTT |
|  |  |  |  |  | Forward outer primer (5’ – 3’) | CCTGATAGTTTGTACCTTAGAAAGTGAG |
|  |  |  |  |  | Reverse outer primer (5’ – 3’) | ACTTCTCCTAACTCTATTTCAGAAATGG |
| YZSnp7 | 4223193 | C | A | C | Forward inner primer (T allele): | CCTTTAGACCTCTTAAATTGACGATCGA |
|  |  |  |  |  |  Reverse inner primer (A allele): | ATTTTACGGTAGCAACACATGATACGTG |
|  |  |  |  |  | Forward outer primer (5’ – 3’): | TCATTTGAAAATCCATTTTTTTGGATTC |
|  |  |  |  |  | Reverse outer primer (5’ – 3’): | ATCAATTGTATCATCAAAAGCAGTCCAA |