|  |  |  |  |
| --- | --- | --- | --- |
| Primer | 5′ to 3′ sequence | Temp. (°C) Annealing | Expected size (bp) |
| F435-F | ATCCAAGGCTGCATTCTCAC | As primer pair used | 250 |
| F435IC-R | CTCCCTGGTGGATTGTTCATGT |
| F435WT-R | ACTTCGTCGCGGTCG | 63 | 193 |
| F435SUB-R | TGGGACAAACACTTCGTT | 64 | 203 |
| F435INS-R | AACACTTCGTCGCGGTCT | 66 | 195 |

Primers used in AS-PCR Chen et al (2010) for genotyping AhFAD2 genes on 103 ineterspecific RIL population its progenitors (*A. hypogaea* and amphidiploid) and controls.