a.

**INSP**

**ESP**

**EAP**

**IFAP**

257 bp

355 bp

577 or 585 bp

b.

14 bp

67 bp

121 bp

257 bp

476

336

269

14

1

Presence of *Bsl*І restriction site (GCTCCATGGGGCGGGAA)

14 bp

188 bp

257 bp

14

269

476

1

Absence of *Bsl*І restriction site due to ‘G’ insertion (GCTCCATGGGG**G**CGGGAA)

**Supplementary Figure 1:** Schematic diagrams showing PCR profiles generated from *badh2.1* and *badh2.7* alleles

1. PCR profile generated from *badh2.1* allele using multiplexing with External sense primer (ESP), External antisense primer (EAP), Internal non-fragrant sense primer (INSP), Internal fragrant antisense primer (IFAP) (Bradbury *et al*.,2015b).

The 355 bp band corresponds to a PCR product amplified from the non-fragrant allele by the INSP and EAP while the 257 bp band corresponds to a PCR product amplified from the fragrant allele by the IFAP primer ESP. The 580 or 577 band corresponds to the positive control amplified by ESP and EAP.

1. PCR profile generated from *badh2.7* allele using *Bad2.7CAPS* marker (Dissanayake *et al*., 2014).

The 255 bp and 188 bp bands corresponds to the DNA fragment amplified by *Bad2.7CAPS* primers followed by *Bsl*I restriction digestion in the presence of ‘G’ base insertion (*badh2.7*allele). The 255 bp, 67bp and 121bp bands correspond to the DNA fragment amplified by *Bad2.7CAPS* primers followed by *Bsl*I restriction digestion in a variety with wild allele.