Figure S8

**Insertion of binary construct in to the plant genome (bombardment/co-cultivation)**

- **Explant**
- **Obtaining seeds from T0 plants**

**Antibiotic selection & regeneration (weeks)**

- **Callus development & embryogenesis (weeks)**
- **Shoot/root development (weeks)**
- **Hardening & matured plant (weeks)**
- **Total duration (weeks)**

**This study (Agrobacterium-mediated)**

- **Seed (var. GPU28)**
  - 6
  - 2
  - 4
  - 4
  - 16

**Latha et al., 2005 (particle gun-mediated)**

- **Shoot apex (e.g., var. PEGC2)**
  - 3
  - 2
  - ~1
  - 3
  - ~4
  - ~13

**Antony Ceasar et al., 2011 (Agrobacterium-mediated)**

- **Shoot apex (var. GPU45)**
  - 3
  - 2
  - 5
  - ~5
  - ~4
  - ~19

**Jagga-Chugh et al., 2012 (particle gun-mediated)**

**Sharma et al., 2011 (Agrobacterium-mediated)**

**Seed/Shoot apex (var. PR202)**

- Progeny plants were not analyzed and hence the duration could not be assessed

- Ranged from 3 to 44%* with very small sample size
  - 1 to 3**

---

*transformation efficiency

**copy number of transgene integrated into genome

~denotes calculated theoretical values (authors did not mention the actual values) and the sample number was small (<20)

Numbers given in filled boxes indicate duration in weeks
References: