**Table S1.** Plasmids used and constructed in this study.

|  |  |  |
| --- | --- | --- |
| Plasmid | Origin/Reference | Characteristics |
| pPZP200 | [1] | Binary expression backbone |
| pEND0001 | This study | pPZP200 containing *hph* cassette |
| pEND0002 | This study | Destination vector |
| pDONRTM221 | InvitrogenTM Life Technologies | Donor vector |
| pEND0003 | This study | Entry clone |
| pEND0004 | This study | Entry clone |
| pEND0005 | This study | Entry clone |
| pEND-*DsRed* | This study | Expression clone containing *DsRed* |
| pEND-*egfp* | This study | Expression clone containing *egfp* |
| pEND-*sgfp* | This study | Expression clone containing *sgfp* |

1. Hajdukiewicz, P.; Svab, Z.; Maliga, P., The small, versatile pPZP family of *Agrobacterium* binary vectors for plant transformation. *Plant Molecular Biology* **1994,** *25* (6), 989-994.