



Supplementary Figure 2 | Genetic transformation and *in vitro* somatic embryogenesis of *Medicago truncatula* (M9-10a genotype). **(A)** Somatic embryogenesis from M9-10a leaf explants cultured on embryo induction medium (EIM) lacking kanamycin (positive control). **(B)** Leaf explants of M9-10a cultured on EIM containing kanamycin (negative control). **(C)** Leaf explants of M9-10a cultured on EIM with kanamycin after co-cultivation with EHA105 pCas9-CYP72A61. **(D)** Leaf explants of M9-10a cultured on EIM containing kanamycin after co-cultivation with EHA105 pCas9-CYP93E2. Black arrows indicate differentiation of somatic embryos on EIM selective medium.