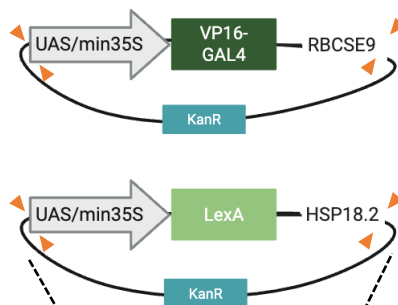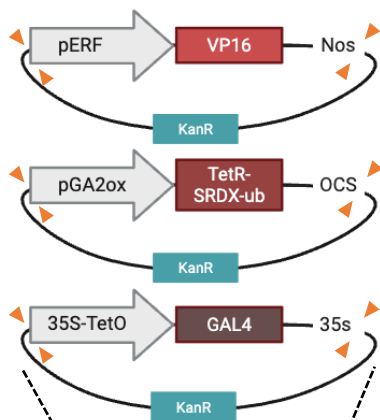A

Level 0 parts assembled into pDGB1_α vectors forming level 1 TUs

Level 1

pERF — VP16 — Nos
KanR

pGA2ox — TetR-SRDX-ub — OCS
KanR

35S-TetO — GAL4 — 35s
KanR

UAS/min35S — VP16-GAL4 — RBCSE9
KanR

UAS/min35S — LexA — HSP18.2
KanR

Level 2

pDGB1_α
KanR
α1

+

pDGB1_α
KanR
α2

▲ Bsa1 RE sites
▲ BsmB1 RE sites

B

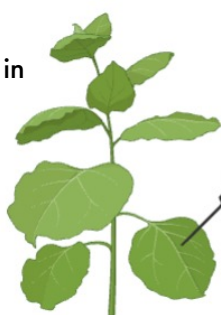UAS/SOS + min35s — Adh1 — F2A — PDC — MAS
KanR
α3

+

pCIDER_Ω
SmR
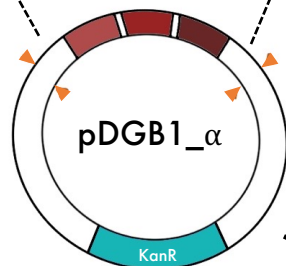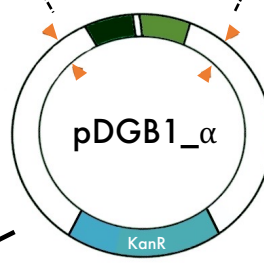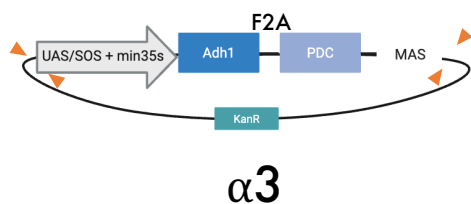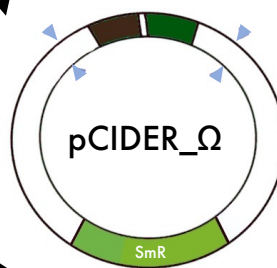
Assembly in *E. coli* 7-10 days

C

Expression in plant 5-9 days

N. benthamiana

Agroinfiltration 2-3 days

Helper Plasmid — Vir genes
pCIDER Binary Vector
Bacterial chromosome
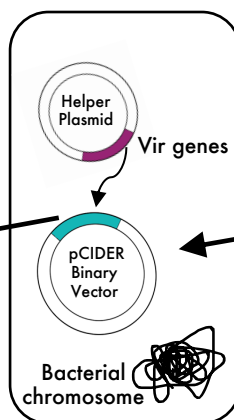
Electroporation into *A. tumefaciens* 2-3 days

pCIDER Binary Vector_α
KanR

T-DNA Border