

## PDD82, PDD112 AND PDD120 PLASMIDS

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### Description:

Plasmids-

- pDD82- minimal shuttle vector between *Escherichia coli* and *Rhodococcus opacus* PD630 that contains the pB264 origin of replication.
- pDD112- a shuttle vector between *Escherichia coli* and *Rhodococcus opacus* PD630 that contains the pNG2 origin of replication and a codon optimized chloramphenicol resistance marker.
- pDD120 is a plasmid construct containing the bacteriophage derived recombinases Che9c60 and Che9c61 expressed by a constitutive promoter on the pB264 vector backbone.

### Publication:

DeLorenzo DM, Rottinghaus AG, Henson WR, Moon TS. [Molecular Toolkit for Gene Expression Control and Genome Modification in \*Rhodococcus opacus\* PD630](#). ACS Synth Biol. 2018 Feb 16;7(2):727-738. doi: 10.1021/acssynbio.7b00416. Epub 2018 Feb 5.