

Mammalian cell-specific promoter.

Open reading frame, e.g. containing the gene of interest.

Polyadenylation signal, termination of transcription.

P_{mam}

ORF

pA

Mammalian cell plasmid

P_{Amp}

Amp^R

Ter

Ori

Bacterial antibiotic resistance cassette including promoter, open reading frame, and terminator. Here: ampicillin.

Bacterial origin of replication mediating plasmid propagation during bacterial growth.