**Ligation of non-pGEM vectors**

1 uL 10 x ligation buffer (NEB)

x uL insert (3 molecules)

x uL vector (1 molecule)

z uL MQ water

0.1 uL (40 U) T4 DNA ligase [400 U/uL] (NEB M0202S)

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10 ul

Incubate o/n at 16oC