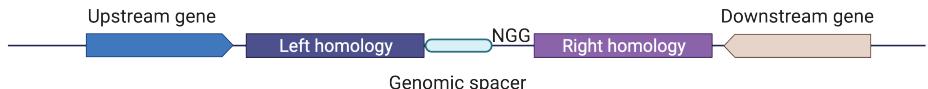


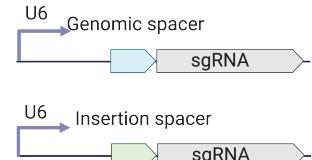
A

① Identify new insertion site

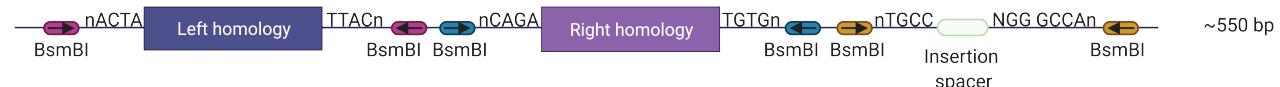


② Gene synthesis

sgRNAs



Conversion fragment

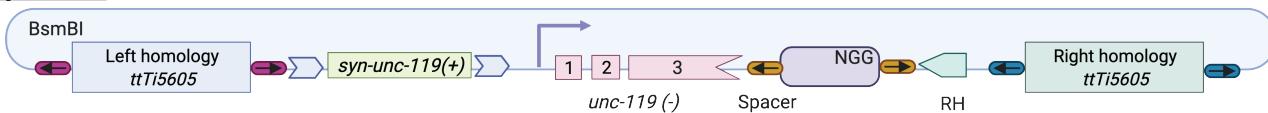


③ Single-pot Golden Gate reaction

Conversion fragment



ttTi5605 landing site vector



BsmBI enzyme
T4 ligase

Converted targeting site vector

