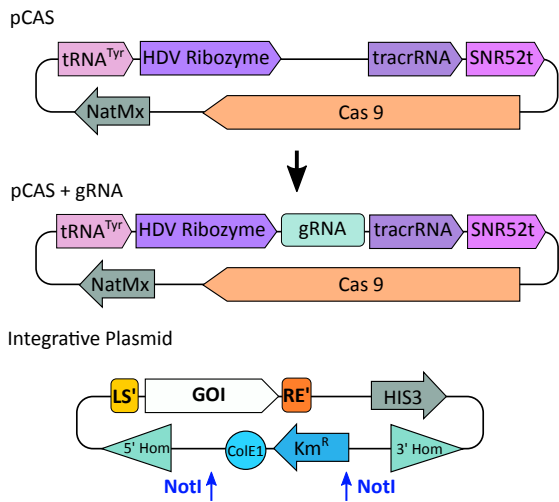


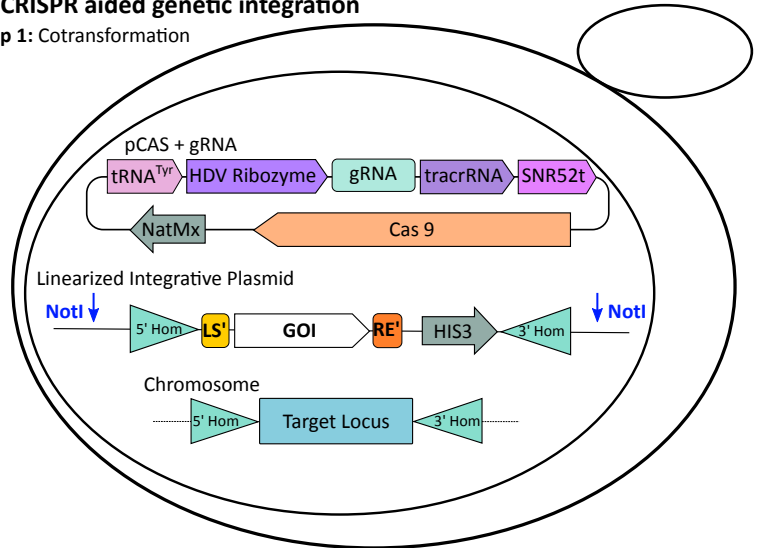
A. CRISPR and helper plasmid cloning



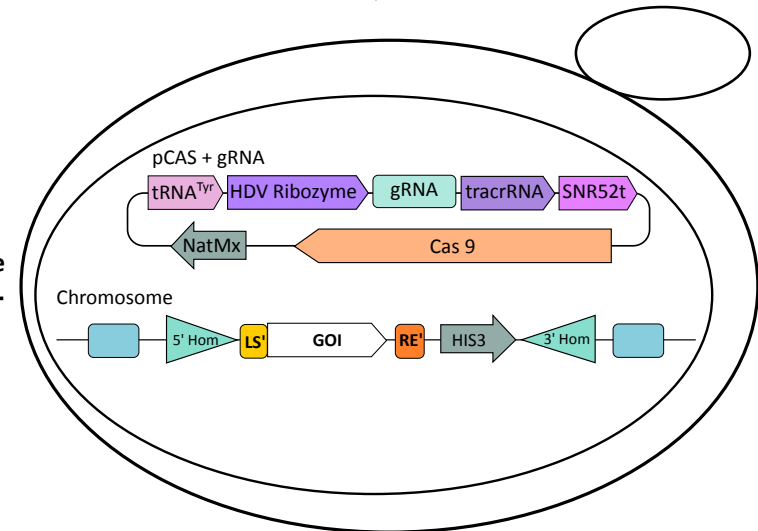
Step 3: Cure to remove pCAS + gRNA plasmid

B. CRISPR aided genetic integration

Step 1: Cotransformation



Step 2: Integration at target locus



Cure

