



Vector information

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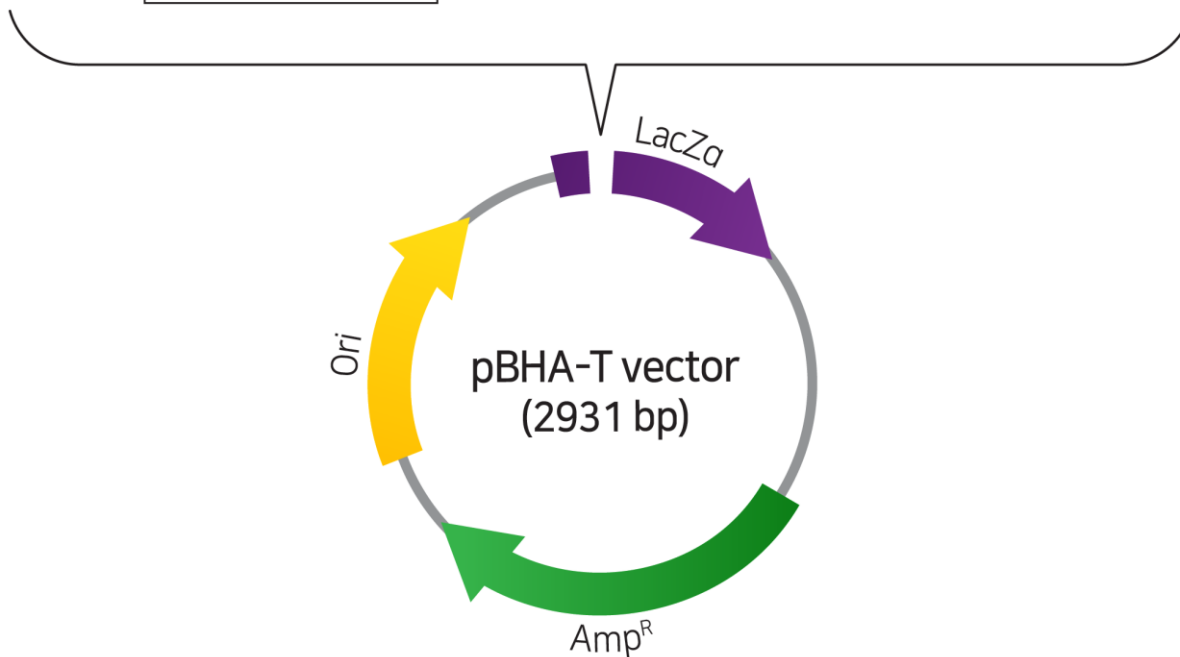
M13 reverse primer →lacZα ATG
CAC AGG AAA CAG CTA TGA CCA TGA TTA CGC CAA GCT ATT TAG GTG ACA CTA TAG AAT ACT
GTG TCC TTT GTC GAT ACT GGT ACT AAT GCG GTT CGA TAA ATC CAC TGT GAT ATC TTA TGA

Hind III Kpn I BamH I Spe I
CAA GCT ATG CAT CAA GCT TGG TAC CGA GCT CGG ATC CAC TAG TAA CGG CCG CCA GTG TGC
GTT CGA TAC GTA GTT CGA ACC ATG GCT CGA GCC TAG GTG ATC ATT GCC GGC GGT CAC ACG

Pst I BamH I
TGG AAT TCT GCA GAT CCA ATA CAG TAA GGT GAA PCR Product AGT ATT GGG GGA TCC ATC CAT CAC ACT
ACC TTA AGA CGT CTA GGT TAT GAA PCR Product CA TAA CCC CCT AGG TAG GTA GTG TGA

Not I Xho I Xba I T7 promoter
GGC GGC CGC TCG AGC ATG CAT CTA GAG GGC CCA ATT CGG CCT ATA GTG AGT CGT ATT ACA
CCG CCG GCG AGC TCG TAC GTA GAT CTC CCG GGT TAA GCC GGA TAT CAC TCA GCA TAA TGT

M13 forward primer
ATT CAC TGG CCG TCG TTT TAC AAC GTC GTG ACT GGG AAA ACC
TAA GTG ACC GGC AGC AAA ATG TTG CAG CAC TGA CCC TTT TGG
    
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pBHA-T vector	Position (Bases)
M13 Reverse primer site	1-17
LacZα gene	13-441
SP6 promoter	35-53
T7 promoter	236-254
M13 Forward primer site	261-277
Ampicillin resistance gene	1,003-1,863
pUC ori (high copy number)	2,034-2,622