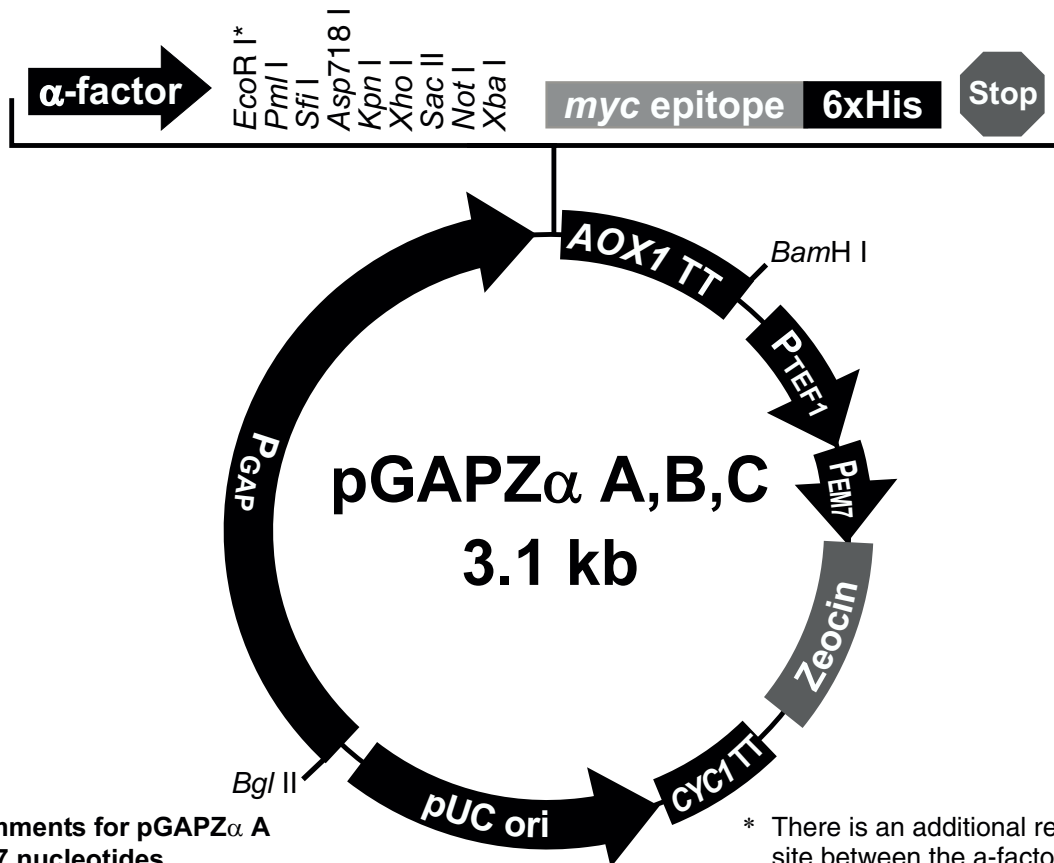


pGAPZ α A, B, and C

Map of pGAPZ α A, B, and C

The figure below summarizes the features of pGAPZ α A (3147 bp), pGAPZ α B (3151 bp), and pGAPZ α C (3152 bp) vectors. The complete nucleotide sequences for pGAPZ α A, B, and C are available for downloading from our Web site (www.invitrogen.com) or from Technical Service (page 34). Details of the multiple cloning sites are shown on page 15 for pGAPZ α A, page 16 for pGAPZ α B, and page 17 for pGAPZ α C.



Comments for pGAPZ α A 3147 nucleotides

GAP promoter region: bases 1-483
 α -factor signal sequence: bases 493-759
 Multiple cloning site: bases 760-828
myc epitope tag: bases 827-856
 Polyhistidine tag: bases 872-889
AOX1 transcription termination region: bases 893-1233
TEF1 promoter region: bases 1234-1644
 EM7 promoter: bases 1645-1712
Sh ble ORF: bases 1713-2087
CYC1 transcription termination region: bases 2088-2405
 pUC origin: bases 2416-3089

* There is an additional restriction site between the α -factor signal sequence and the *EcoR I* site in versions B and C of pGAPZ α :

Pst I in pGAPZ α B
Cla I in pGAPZ α C