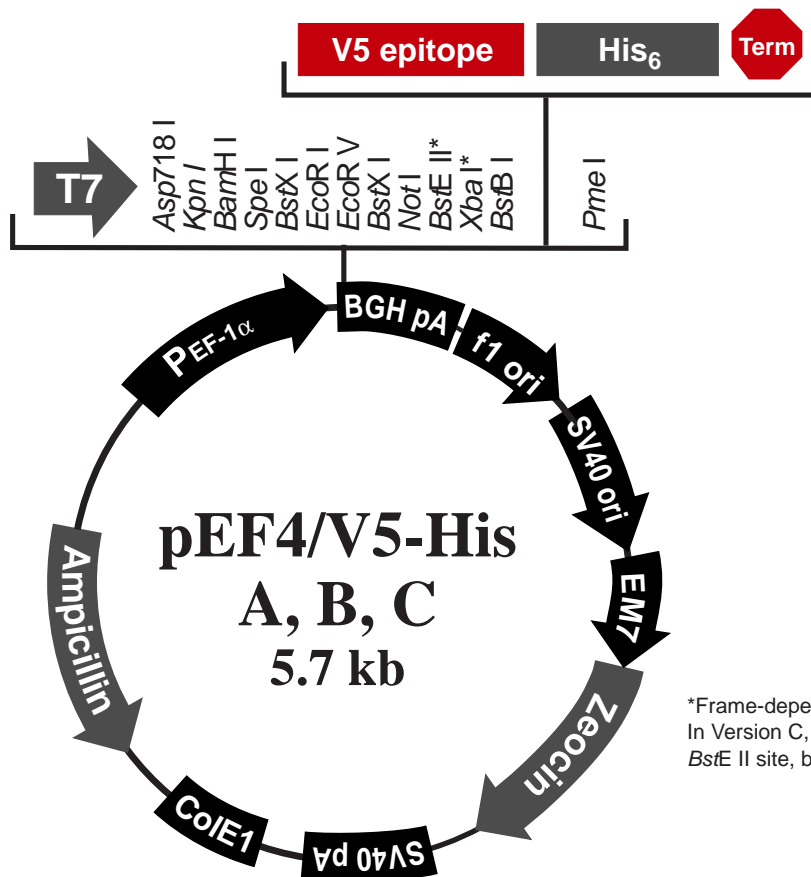


**Comments for pEF4/V5-His A
5769 nucleotides**



EF-1 α promoter: bases 468-1653
 T7 promoter/priming site: bases 1670-1689
 Multiple cloning site: bases 1715-1806
 V5 epitope: bases 1807-1848
 Polyhistidine tag: bases 1858-1875
 pcDNA3.1/BGH reverse priming site: bases 1898-1915
 BGH polyadenylation signal: bases 1901-2128
 f1 origin: bases 2174-2602
 SV40 promoter and origin: bases 2630-2938
 EM7 promoter: bases 2986-3041
 Zeocin resistance gene: bases 3060-3434
 SV40 polyadenylation signal: bases 3564-3694
 ColE1 origin: bases 4077-4750



*Frame-dependent variations.
 In Version C, there is a unique
 BstE II site, but no Xba I site.

A-180619

The sequences of pEF4/V5-His A, B, C have been compiled from information in sequence databases, published sequences, and other sources. These vectors have not been completely sequenced. If you suspect an error in the sequences, please contact Invitrogen's Technical Services Department.