Comments for pMT/BiP/V5-His A
3642 nucleotides

Metallothionein promoter: bases 412-778
Start of transcription: base 778
MT Forward priming site: bases 814-831
BiP signal sequence: bases 851-904
Multiple cloning site: bases 906-999
V5 epitope tag: bases 1003-1044
Polyhistidine region: bases 1054-1074
BGH Reverse priming site: bases 1094-1111
SV40 late polyadenylation signal: bases 1267-1272
pUC origin: bases 1765-2438 (complementary strand)
bla promoter: bases 3444-3542 (complementary strand)
Ampicillin (bla) resistance gene ORF: bases 2583-3443 (complementary strand)

* Frame-dependent variations
Xba I and Apa I are found only in versions A and B.
Sac II is found only in version B.
BstE II is found only in version C.

The sequences of pMT/BiP/V5-His A, B, and 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.