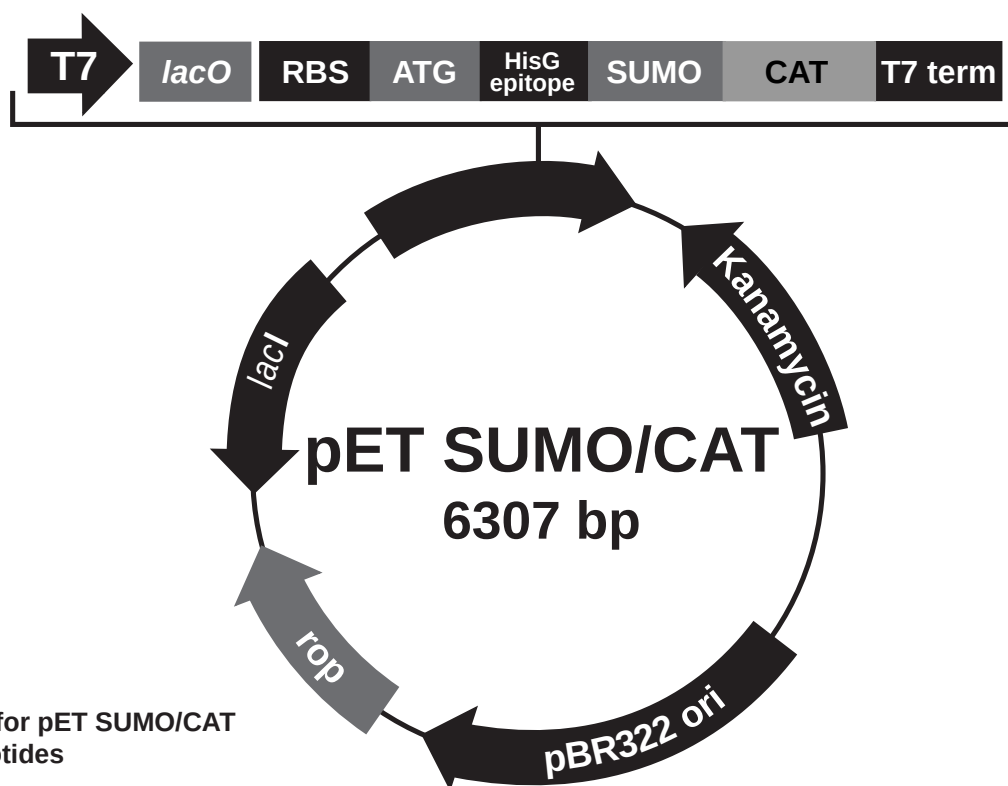




Comments for pET SUMO/CAT
6307 nucleotides

T7 promoter: bases 209-225
 lac operator (lacO): bases 228-252
 Ribosome binding site (RBS): bases 282-288
 Initiation ATG: bases 297-299
 HisG epitope: bases 309-329
 SUMO ORF: bases 360-653
 SUMO forward priming site: bases 549-571
 CAT gene: bases 654-1313
 T7 reverse priming site: bases 1443-1462 (C)
 T7 terminator: bases 1404-1532
 Kanamycin resistance gene: bases 2092-2907 (C)
 pBR322 origin: bases 3003-3676
 ROP ORF: bases 4047-4238
 lacI ORF: bases 5047-6138 (C)

(C) = complementary strand