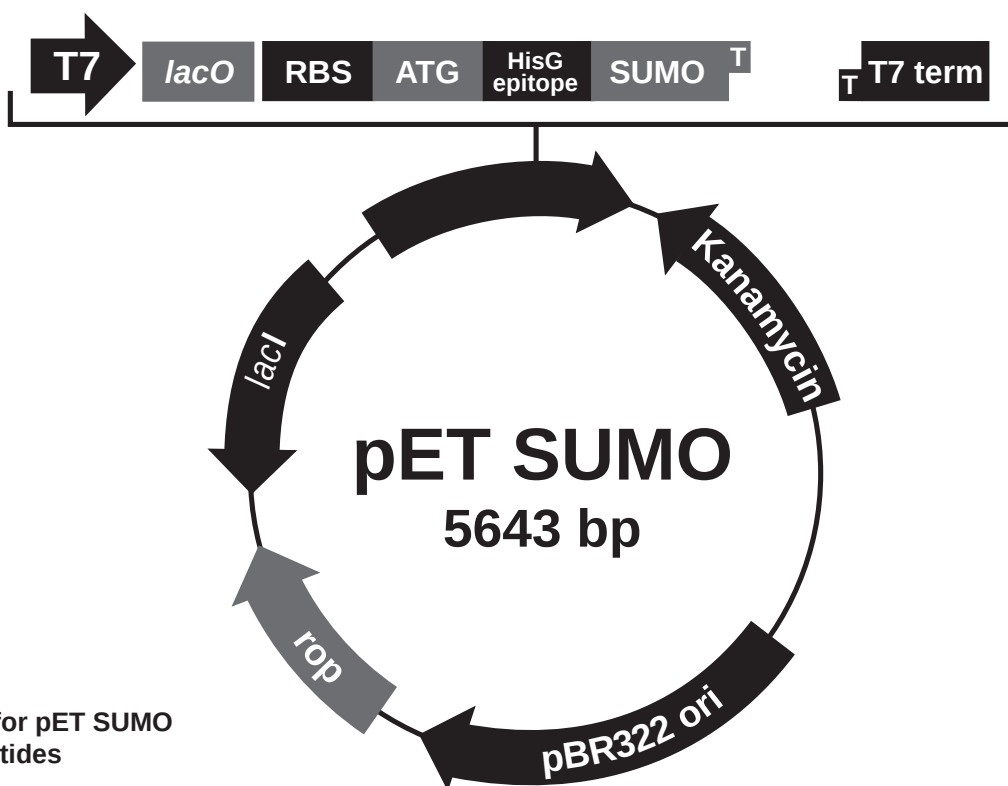




**Comments for pET SUMO
5643 nucleotides**

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
 TA Cloning site: bases 653-654
 T7 reverse priming site: bases 783-802 (C)
 T7 terminator: bases 744-872
 Kanamycin resistance gene: bases 1431-2246 (C)
 pBR322 origin: bases 2342-3015
 ROP ORF: bases 3383-3574
 lacI ORF: bases 4383-5474 (C)

(C) = complementary strand