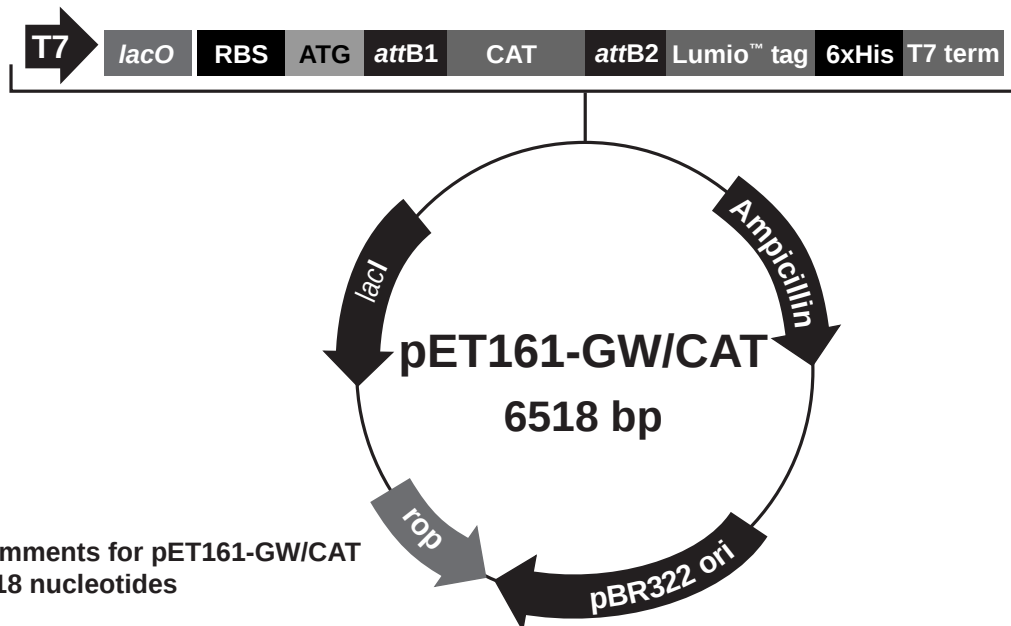




**Comments for pET161-GW/CAT
6518 nucleotides**

T7 promoter/priming site: bases 21-40
lac operator (*lacO*): bases 40-64
 Ribosome binding site (RBS): bases 94-101
 Initiation ATG: bases 109-111
attB1 site: bases 154-178
 CAT gene: bases 199-855
attB2 site: bases 872-896
 Lumio™ tag: bases 925-942
 Polyhistidine (6xHis) region: bases 958-975
 T7 transcription termination region: bases 990-1118
 T7 reverse priming site: bases 1029-1048
bla promoter: bases 1419-1517
 Ampicillin (*bla*) resistance gene: bases 1518-2378
 pBR322 origin: bases 2523-3196
ROP ORF (c): bases 3567-3758
lacI ORF (c): bases 5070-6161
 (c) = complementary strand