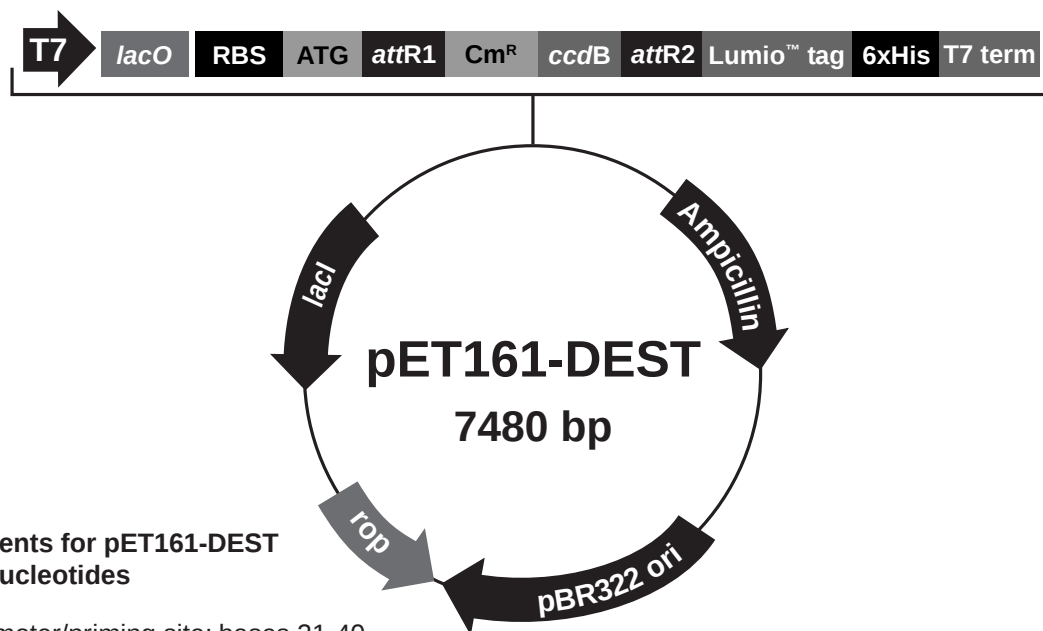




**Comments for pET161-DEST
7480 nucleotides**

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
attR1 site: bases 154-278
 Chloramphenicol resistance gene: bases 387-1046
ccdB gene: bases 1388-1693
attR2 site: bases 1734-1858
 Lumio™ tag: bases 1887-1904
 Polyhistidine (6xHis) region: bases 1920-1937
 T7 transcription termination region: bases 1952-2080
 T7 reverse priming site: bases 1991-2010
bla promoter: bases 2381-2479
 Ampicillin (*bla*) resistance gene: bases 2480-3340
 pBR322 origin: bases 3485-4158
ROP ORF (c): bases 4529-4720
lacI ORF (c): bases 6032-7123
 (c) = complementary strand