



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  
 Polyhistidine (6xHis) region: bases 112-129  
 Lumio™ tag: bases 142-159  
 TEV recognition site: bases 169-189  
*attR1* site: bases 196-320  
 Chloramphenicol resistance gene: bases 429-1088  
*ccdB* gene: bases 1409-1714  
*attR2* site: bases 1755-1879  
 T7 transcription termination region: bases 1905-2033  
 T7 reverse priming site: bases 1944-1963  
*bla* promoter: bases 2338-2436  
 Ampicillin (*bla*) resistance gene: bases 2437-3297  
 pBR322 origin: bases 3442-4115  
 ROP ORF (c): bases 4486-4677  
*lacI* ORF (c): bases 5989-7080  
 (c) = complementary strand