



Features of pSCREEN-iT™/lacZ-GW/CDK2
7947 nucleotides

CMV promoter: bases 232-819
 LacZ ORF: bases 891-3962
 lacZ (C-term) forward priming site: bases 3855-3874
 attB1 recombination site: bases 3969-3993
 CDK2 ORF: bases 3996-4892
 attB2 recombination site: bases 4894-4918
 TK polyadenylation sequence: bases 4943-5214
 TK polyA reverse priming site: bases 4950-4968
 f1 origin: bases 5250-5678
 pUC origin: bases 6133-6806 (C)
 bla promoter: bases 7812-7910 (C)
 Ampicillin resistance (*bla*) gene: bases 6951-7811 (C)

(C) = complementary strand