



Comments for pcDNA5/FRT/TO-E/Uni-CAT[®]:
7791 nucleotides

CMV promoter: bases 232-958

TATA box: bases 804-810

Tetracycline operator 2 (2X TetO₂) sequences: bases 820-859

CMV Forward priming site: bases 769-789

loxP site: bases 990-1023

CAT ORF: bases 1056-1712

V5 epitope: bases 1731-1772

Polyhistidine (6xHis) region: bases 1773-1790

BGH polyadenylation sequence: bases 1814-2022

T7 transcription termination signal: bases 2037-2165

Kanamycin resistance gene: bases 2344-3138 (complementary strand)

R6K γ origin: bases 3610-3890

loxP site: bases 3911-3944

FRT site: bases 4257-4304

Hygromycin resistance gene: bases 4312-5332

SV40 early polyadenylation sequence: bases 5464-5594

pUC origin: bases 5977-6650 (complementary strand)

bla promoter: bases 7656-7754 (complementary strand)

Ampicillin (*bla*) resistance gene: bases 6795-7655 (complementary strand)