



**Comments for pSwitch:  
7323 nucleotides**

*GAL4* Upstream Activating Sequences (UAS)

*GAL4* consensus binding site: bases 46-62

*GAL4* consensus binding site: bases 73-89

*GAL4* consensus binding site: bases 100-116

*GAL4* consensus binding site: bases 127-143

Herpes Simplex Virus thymidine kinase (TK) minimal promoter: bases 157-262

Synthetic intron IVS8: bases 379-496

*GAL4-DBD/hPR-LBD/p65-AD* fusion gene

ATG initiation codon: bases 519-521

*GAL4* DNA binding domain (DBD): bases 540-818

Human progesterone receptor ligand binding domain (hPR-LBD): bases 840-1664

Human p65 activation domain (AD): bases 1674-2483

BGH polyadenylation sequence: bases 2747-2975

f1 origin: bases 3021-3449

SV40 early promoter and origin: bases 3457-3797

Hygromycin B resistance gene: bases 3841-4864

SV40 early polyadenylation sequence: bases 4996-5126

pUC origin: bases 5509-6182 (complementary strand)

*bla* promoter: bases 7188-7286 (complementary strand)

Ampicillin (*bla*) resistance gene: bases 6327-7187 (complementary strand)