



**Comments for pGene/V5-His A:  
4650 nucleotides**

**GAL4 Upstream Activating Sequences (UAS)**

- GAL4 binding site: bases 24-40
- GAL4 binding site: bases 43-59
- GAL4 binding site: bases 62-78
- GAL4 binding site: bases 94-110
- GAL4 binding site: bases 113-129
- GAL4 binding site: bases 132-148

Adenovirus E1b TATA sequence: bases 161-173

Synthetic intron IVS8: bases 329-446

pGene forward priming site: bases 357-375

Multiple cloning site: bases 407-550

V5 epitope: bases 551-592

Polyhistidine (6xHis) region: bases 602-619

BGH polyadenylation sequence: bases 645-872

pcDNA3.1/BGH reverse priming site: bases 642-659

f1 origin: bases 918-1346

SV40 early promoter and origin: bases 1354-1694

EM7 promoter: bases 1736-1802

Zeocin<sup>TM</sup> resistance gene: bases 1803-2177

SV40 early polyadenylation sequence: bases 2307-2437

pUC origin: bases 2820-3490 (complementary strand)

*bla* promoter: bases 4496-4594 (complementary strand)

Ampicillin (*bla*) resistance gene: 3635-4495 (complementary strand)

\* Not unique in all versions