

Cloning history of pGlomyc Frat2

Constructs were cloned into the expression vector pGlomyc3 (figure below), which was a gift from O.H.J. Destrée (Hubrecht Laboratory, Utrecht, The Netherlands). The vector contains 5' and 3' globin UTRs and the pCDNA1.1 BamHI-NsiI polylinker in the backbone of pCDNA3.1(+).

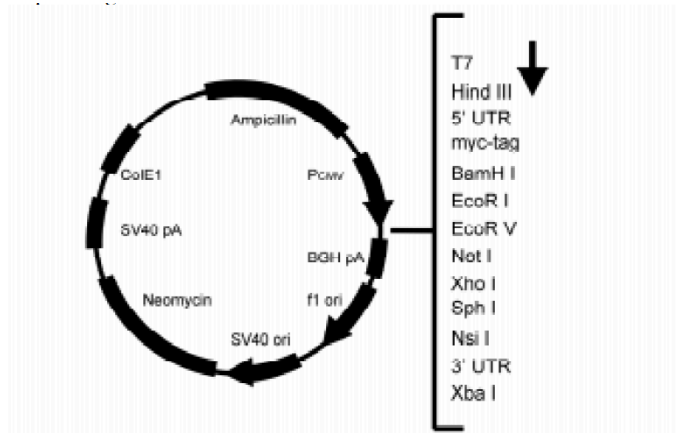
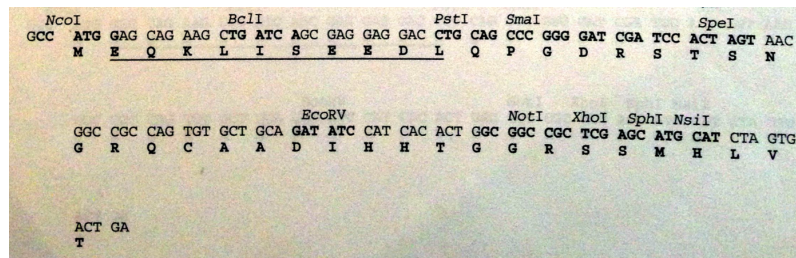


FIGURE 3 The expression vector pGlomyc3. See text for details.

A myc-tag is situated 5' of the multiple cloning site.

To maintain the proper reading frame, the original pGlomyc vector was modified to remove the BamHI and EcoRI sites:



Next, a ± 700 basepair DNA fragment encoding the full-length mouse Frat2 protein was cloned into the EcoRV and NotI sites of this modified vector, with loss of the EcoRV site.