

## Kaelin lab plasmid

plasmid name: FLAG-EgIN3-pLenti6

constructed by: C. Geisen

map by: C. Geisen, 04/17/12

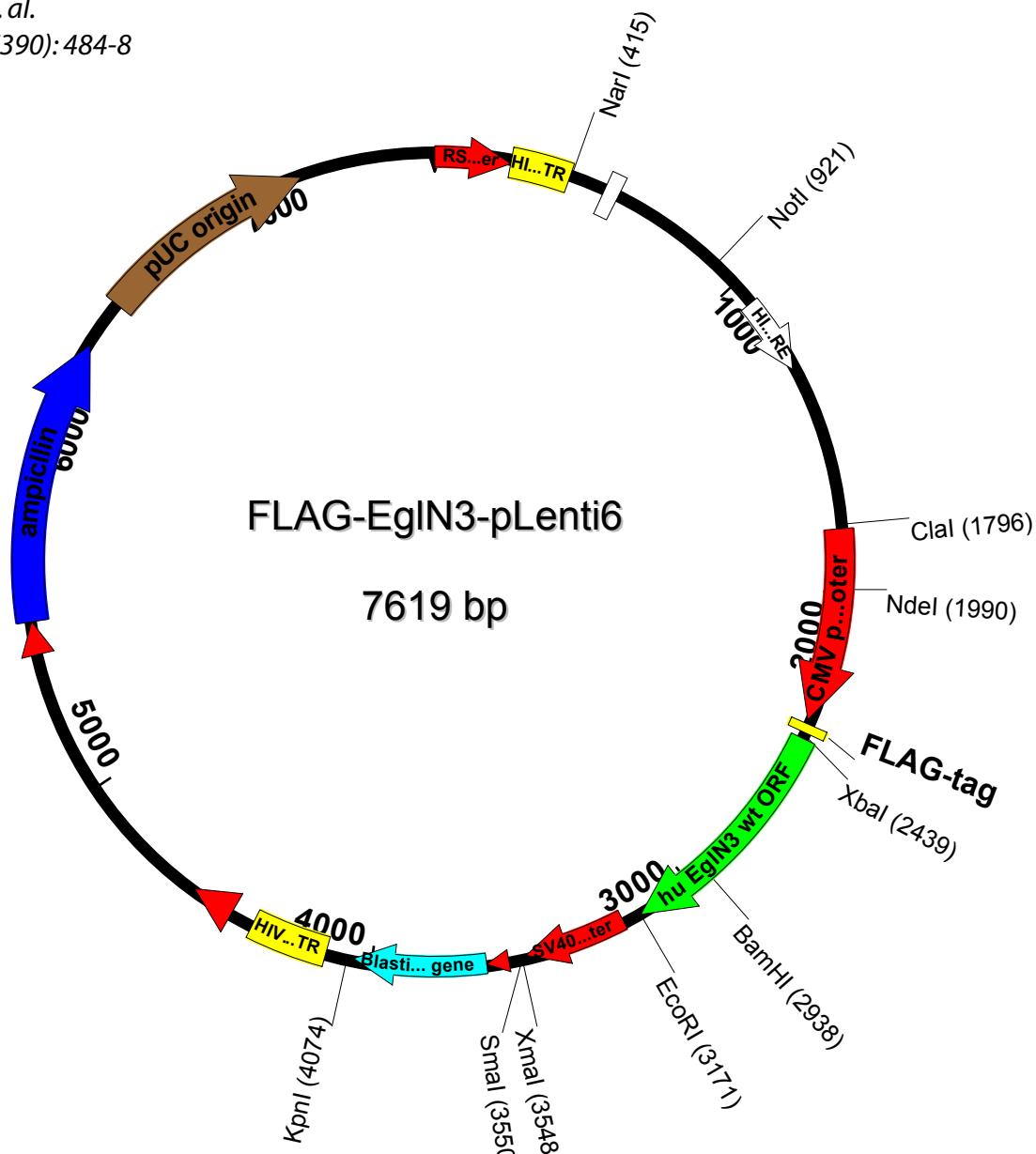
bacterial resistance: Ampicillin

#### eukaryotic resistance: Blasticidin

reference:

Reference

Nature 2012; 483 (7390): 484-8



CMV prom. → FLAG tag → Xba I → EgIN3 cDNA → EcoR I

... CCACC ATG GAC TAC AAA GAC GAT GAC GAT AAA GGG CCC TCT AGA CTC GAC ATG CCC CTG ... GAA GAC TAG GAA TTC CGG ...

M D Y K D D D K G P S R L D M P L ... E D Stop

- hum.EgIN3 cDNA was cut Xba I / EcoR I-fill in blunted from FLAG-EgIN3-pcDNA3.1- and inserted into FLAG-mRFP-pLenti6 cut Xba I / Bam H I- chew back blunted, thus deleting the BamH I site and reconstituting the EcoR I site correct sequence of insert was confirmed

- FLAG-EgIN3-ORF can not be liberated, EgIN3 ORF (732 bp) can be liberated using Xba I / EcoR I