



Description:

pAS2.EYFP.puro is derived from pLKO_AS2.puro by inserting a PCR fragment of mito-EYFP coding sequence into *Nhe*I and *Eco*RI sites. Mito-EYFP harbors a mitochondria targeting signal, thus it mainly localizes in mitochondria.

Location of Features (other features are the same as pLKO.1-puro):

- CMV promoter : nt234-821
- mito-EYFP: nt903-1730
- IRES of EMCV (EMCVI): nt1772-2375
- puro (puromycin resistance gene): nt2373-2972

Note: Sequences from nt8071-1 and nt1-3045 had been confirmed by DNA sequencing.