



Description:

pAS2.EYFP.zeo is derived from pLKO_AS2.zeo by inserting a PCR fragment of mito-EYFP coding sequence into *Nhe*I and *Pme*I 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 : nt88-675
- mito-EYFP: nt757-1584
- IRES of EMCV (EMCVI): nt1596-2198
- zeo (zeocin resistance gene): nt2196-2570

Note: Sequences from nt7871-1 and nt1-2662 had been confirmed by DNA sequencing.