



Description:

pAS2.EYFP.neo is derived from pLKO_AS2.neo by inserting a PCR fragment of mito-EYFP coding sequence into *NheI* and *PmeI* 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): nt1596-2199
- neo (neomycin resistance gene): nt2197-2997

Note: Sequences from nt8291-1 and nt1-3082 had been confirmed by DNA sequencing.