



**Plasmid name:** CSII-EF-MCS-IRES2-hKO1

**Plasmid size:** 10396 bp

**Note**

CMV: Human cytomegalovirus immediate early promoter

ψ: Packaging signal

5'SD: 5' splicing donor site

3'SA: 3' splicing acceptor site

RRE: Rev responsive element

cPPT: Central polypurine tract

CTS: Central termination sequence

EF-1: Human elongation factor 1 subunit promoter

MCS: Multiple cloning site

IRES2: Encephalomyocarditis virus internal ribosomal entry site

hKO1: Humanized Kusabira-Orange gene

PRE: Woodchuck hepatitis virus posttranscriptional regulatory element

del U3: Deletion of enhancer and promoter sequences in the U3 region

BGH pA: Bovine growth hormone polyadenylation signal

SV40 pro & ori: SV40 early promoter and origin

Zeo: Zeocin resistance gene

SV40 pA: SV40 polyadenylation signal

Amp: Ampicillin resistance gene