



**Plasmid name:** CSII-CMV-Venus-Mito-IRES2-Bsd

**Plasmid size:** 10359 bp

**Note**

CMV: Human cytomegalovirus immediate early promoter

$\psi$ : 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

Venus: A variant of yellow fluorescent protein (YFP) gene

Mito: Mitochondrial targeting sequence from human cytochrome C oxidase subunit VIII

IRES2: Encephalomyocarditis virus internal ribosomal entry site

Bsd: Blasticidin resistance 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