

pOpt_mCerulean3_Paro

Cat. No. ALRK-03364

Lot. No. (See product label)

Description

Please follow naming convention for derivative vectors using underscores between new added elements. Individual annotated vector maps are available in ApE format.

Insert

Optimized template vector containing the mCerulean3 (a CFP variant) reporter expression cassette and an antibiotic selection marker expression cassette. Both cassettes contain the HSP70A-RBCS2-InI promoter and RBCS2 3' UTR surrounding either the reporter or the marker. Each reporter contains intron 2 of RBCS2 within its nuclear sequence. Selection marker for Chlamydomonas is paromomycin resistance aphVIII.

Vector

pBluescript backbone. Optimized synthetic Chlamydomonas expression cassettes.

Bacterial Host Strain

DH5 alpha

Selectable Marker

Amp-r

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY