**Plasmid name:** CS-RfA-CMV-mRFP1  
**Plasmid size:** 10895 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  
- **RfA:** Gateway Reading Frame Cassette A containing Cm, ccdB, attR1, and attR2  
- **Cm:** Chloramphenicol resistance gene  
- **ccdB:** The ccdB gene encodes a protein that interferes with *E. coli* DNA gyrase  
- **attR1, 2:** Sites for site-specific recombination with a Gateway vector (Invitrogen). attR sites always recombine with attL sites in a reaction mediated by the LR Clonase (Invitrogen).  
- **mRFP1:** Monomeric red fluorescent protein gene (monomeric form of DsRed)  
- **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  

*Use the DB3.1 or ccdB Survival 2 T1R *E. coli* strain for propagation of plasmids containing the ccdB gene.*