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Plasmid construction



In 1 collection

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ABSTRACT

Via restriction enzyme digest and ligation





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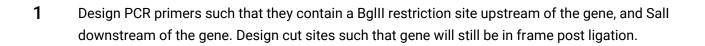
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- 2 Acquire purified pmCherryC1 stock, and cleave using BgllI and Sall using the standard NEB protocol. Simultaneously cleave PCR product
- 3 Purify both vector and insert using 1% agarose gel, and compare to uncut controls to make sure that restriction digest went to completion. Gel extract vector and insert.
- 4 Ligate with T4 ligase at room temperature overnight following standard NEB protocol.
- 5 Transform into XL10 Gold cells, plate on ampicillin selective medium, grow overnight at 37 C
- **6** Pick colonies, grow 5 mL overnight culture, and purify plasmid using a commercially available plasmid purification kit.