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Ligation

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1 Works for me

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ABSTRACT

Protocol for a Ligation with Master Mix Ligase after a restriction digestion protocol had been made.

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MATERIALS TEXT

- Ultra Pure Water
- Digested fragment of DNA vector with EcoRI & PstI
- Digested fragment of DNA insert with XbaI PstI
- Master Mix Ligase

- 1 Add  5 μL of Master Mix Ligase
- 2 Add the a quantity of the DNA vector digested by EcoRI and PstI in a molar ratio 1:3 with the DNA insert
- 3 Add the a quantity of the DNA insert digested by EcoRI and PstI in a molar ratio 3:1 with the DNA vector
- 4 Add water up to  20 μL
- 5 Ligate for  20:00:00 at 22°C 20h
- 6 Transform with  5 μL of the product