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Plasmid construction

Minghao Chen¹, Xuefeng Ren¹

¹Department of Molecular and Cell Biology, University of California, Berkeley, Berkeley, CA 94720, USA.

ASAP Collaborative Research Network

Hurley



Minghao Chen

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Protocol status: Working We use this protocol and it's working

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ABSTRACT

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PROTOCOL integer ID: 89372

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nt ID: A	t ID: ASAP-000350		
1	Amplify the insert gene fragment by PCR with primers including 21 nt of overlapping sequence with the target gene.		
2	Linearize the backbone with restriction enzymes (NEB).		
3	Treat linearized backbone with quick CIP (NEB).		
4	Run PCR products and linearized backbone in an agarose gel to confirm the size.		
5	Purify the DNA from gel using a Gel extraction kit (Bio Basic).		
6	Ligate the linearized backbone and the insert with the T4 ligase (NEB).		
7	Transform the ligation products into home made competent cells.		

8	Perform colony PCR to screen for colons that with inserted gene.

9 Sequence to verify that the inserted gene is correct.