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Plasmid: NK644 (pAct-mCherryCCTLL) [↗](#)David Booth^{1,2}, Nicole King^{1,2}, Heather Middleton^{1,2}¹University of California, Berkeley, ²Howard Hughes Medical Institute

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Works for me

[dx.doi.org/10.17504/protocols.io.8uxhwxn](https://doi.org/10.17504/protocols.io.8uxhwxn)

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ABSTRACT

The attached file is the full sequence for a plasmid that uses gene regulatory elements from *S. rosetta* to drive the expression of mCherry with a c-terminal geranyl-geranylation sequence upon transfection in *S. rosetta*. The mCherry-CCTLL protein that is expressed from this plasmid highlights the plasma membrane of *S. rosetta*.

The plasmid backbone is pUC19 and can be propagated in *E. coli* with Ampicillin selection.

EXTERNAL LINK

<https://www.addgene.org/109096/>

THIS DOCUMENT ACCOMPANIES THE FOLLOWING PUBLICATION

Booth DS, Szmidt-Middleton H, King N. Choanoflagellate transfection illuminates their cell biology and the ancestry of animal septins. *Mol Biol Cell*. 2018 Oct 3;mbcE18080514. doi: 10.1091/mbc.E18-08-0514. [Epub ahead of print] PubMed PMID: 30281390; PubMed Central PMCID: PMC6333174.

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NK644.apc



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