



## *C. elegans* miniMos Transgenesis Kit

**Description:** The miniMos transposon is a modified Mos1 transposon that can be used to generate transgenic nematodes, including *C. elegans* and *C. briggsae*. The Mos1 transposon has been modified to allow transposition with cargo at high frequency and at high fidelity. Transgenes inserted into the miniMos transposon can be integrated in the genome as a single copy by injection or by heat-shock. Insertions are selected for with genetic markers (*unc-119*) or antibiotic markers (NeoR or PuroR) and the exact insertion site can be determined by inverse PCR.

More information can be found at:

<http://www.addgene.org/minimos/> and <http://www.wormbuilder.org/>

**Reference:** This technique has been validated extensively by the Jorgensen lab and they have therefore decided to release these reagents prior to publication. Please cite "C. Frøkjær-Jensen and E.M. Jorgensen, unpublished reagents" if you use these reagents in a publication.

**Handling and Storage:** Store glycerol stocks at -80°C and minimize freeze-thaw cycles. To access a plasmid, keep the plate on dry ice to prevent thawing. Using a sterile pipette tip, puncture the seal above an individual well and spread a portion of the glycerol stock onto an agar plate. To patch the hole, use sterile tape or a portion of a fresh aluminum seal.

**Note:** These plasmid constructs are being distributed to non-profit institutions for the purpose of basic research.

Please contact Addgene at [help@addgene.org](mailto:help@addgene.org) with any questions.

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## Plate Map

	1	2	3	4	5	6	7	8	9	10	11	12
A	pCFJ909	pCFJ910	pCFJ1201	pCFJ1202	pCFJ1200	pCFJ1272	pCFJ1273	pCFJ496	pCFJ914	pCFJ1208	pCFJ1209	pCFJ1324
B	pCFJ1319	pCFJ420	pCFJ421	pCFJ601	pMA122	pGH8	pCFJ90	pCFJ104	pJL44	pCFJ906	pCFJ907	pCFJ908
C	pCFJ1000	pCFJ1001	pCFJ1002	pCFJ1258	pCFJ1259							
D												
E												
F												
G												
H												

**Instructions:** To access a plasmid, keep the plate on dry ice to prevent thawing. Using a sterile pipette tip, puncture the seal above an individual well and spread a portion of the glycerol stock onto an agar plate. To patch the hole, use sterile tape or a portion of a fresh aluminum seal.

Please visit <http://www.addgene.org/minimos/> for plasmid information.

## How to Cite your Addgene Plasmids in Future Publications (Save for reference)

These plasmids were created by your colleagues. Please acknowledge the Principal Investigator, cite the article in which they were created, and include Addgene in the Materials and Methods of your future publications.

### Information pertinent to your requested plasmids:

*Principal Investigator:* Erik Jorgensen

*Article Reference:* Please cite "C. Frøkjær-Jensen and E.M. Jorgensen, unpublished reagents" if you use these reagents in a publication before this method is published.

*Addgene:* miniMos Transgenesis kit

If you have any questions about how to cite these plasmids, please contact Addgene at [help@addgene.org](mailto:help@addgene.org) or call (617) 225-9000.

Best wishes for many successful publications!

