GreenGate Cloning Kit

**Description:** GreenGate is a simple and efficient cloning system for rapidly assembling plant transformation constructs. It is based on the Golden Gate cloning method. Using the type IIS restriction endonuclease BsaI and T4 DNA ligase, ready-to-use plant transformation vectors are built from six types of pre-cloned insert modules and a destination vector in a one-pot reaction.

More information can be found at: [http://www.addgene.org/cloning/greengate/lohmann](http://www.addgene.org/cloning/greengate/lohmann)


**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.
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/cloning/greengate/lohmann/plate1/](http://www.addgene.org/cloning/greengate/lohmann/plate1/) for a list of the appropriate antibiotics for each plasmid.
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: Jan Lohmann

Addgene: GreenGate Cloning Kit

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

Best wishes for many successful publications!