



# MXS-Chaining Kit

**Description:** The MXS-chaining system allows efficient assembly of constructs optimized for synthetic biology applications in mammalian systems. The MXS-chaining kit contains 55 plasmids with a focus on fluorescence applications. It includes chaining vectors with multiple cloning sites and standardized building blocks, such as fluorescent proteins, mammalian promoters and enhancers, polyA signals as well as selection cassettes and tools for inducible gene expression. More information can be found at:

[www.addgene.org/kits/mxs-chaining](http://www.addgene.org/kits/mxs-chaining)

**Reference:** MXS-Chaining: A Highly Efficient Cloning Platform for Imaging and Flow Cytometry Approaches in Mammalian Systems. Sladitschek HL, Neveu PA. *PLoS One*. 2015 Apr 24;10(4):e0124958. doi: 10.1371/journal.pone.0124958. eCollection 2015. (PubMed ID: 25909630).

**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.