

HERP Insertion Mixture

William G. Alexander, Drew T. Doering, and Chris Todd Hittinger

Abstract

This is part of the [HERP protocol](#), from:
Alexander WG , Doering DT , and Hittinger CT (2014) [High-Efficiency Genome Editing and Allele Replacement in Prototrophic and Wild Strains of Saccharomyces](#). Genetics
198:859-866; doi:10.1534/genetics.114.170118

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Protocol

Step 1.

240 µL 50% polyethylene glycol, average MW 4000, filter sterilized

Step 2.

36 µL 1 M lithium acetate, filter sterilized

Step 3.

5 µL 20 mg/mL boiled sonicated salmon sperm DNA

Step 4.

79 µL HERP cassette PCR product or water (for control)