



Apr 01, 2020

Site-directed mutagenesis

Johannes Stuttmann¹

¹Martin-Luther Universität Halle-Wittenberg

1

Works for me

dx.doi.org/10.17504/protocols.io.behgjb3w

Johannes Stuttmann

Martin-Luther Universität Halle-Wittenberg



ABSTRACT

Site-directed mutagenesis (SDM) as described here is used to introduce a mutation in the sequence of a plasmid of interest by PCR-based methods. Several different approaches have been previously reported, and also the generation of multiple mutations in a single step is possible. This protocol deals with the simplest version of SDM for production of a small mutation at a single position of a plasmid, *e.g.* for generation of a protein variant or elimination of a restriction site.

ATTACHMENTS

[Site DIRECTED MUTAGENESIS.pdf](#)



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited