NUCLEASE-MEDIATED TARGETING WITH LARGE TARGETING VECTORS

Abstract

Compositions and methods are provided for making one or more targeted genetic modifications at a target genomic locus by employing homologous recombination facilitated by single or double-strand break at or near the target genomic locus. Compositions and methods for promoting efficiency of homologous recombination between an LTVEC and a target genomic locus in prokaryotic or eukaryotic cells using engineered nucleases are also provided.

[Figure 1]