ABSTRACT

TITLE: CHIMERIC POLYPEPTIDES HAVING TARGETED BINDING SPECIFICITY

Disclosed herein are chimeric polypeptides, including compositions thereof, expression vectors, and methods of use thereof, for the generation of transgenic cells, tissues, plants, and animals. The compositions, vectors, and methods of the present invention are also useful in gene therapy techniques. The invention provides a chimeric polypeptide. The polypeptide includes: a) a recombinase, nuclease or transcription factor, or fragment thereof; and b) a transcription activator-like effector (TALE) protein.

Figure 1A