

Genome Editing Strategies

Genome edited mouse models are now categorized into four types. [Follow this link](#) to learn more about editing strategies and average editing efficiencies for each project type.

Keywords: [Genome Editing](#) [HDR](#) [NHEJ](#) [CRISPR](#) [Cas9](#) [Microinjection](#)

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Type I – Non-Homologous End-Joining (NHEJ).

Type II – Homology Directed Repair (HDR) with short single stranded DNA (ssDNA).

Type III – HDR with long ssDNA (< 5 kb).

Type IV – HDR with double stranded DNAs (> 5 kb).

To initiate a genome editing project, contact Leesa Sampson at leesa.sampson@vanderbilt.edu.

Attachment

 [GE_Strategy_Types.jpg](#) - Added on May 22, 2019 at 10:25 AM by Jennifer Skelton

