

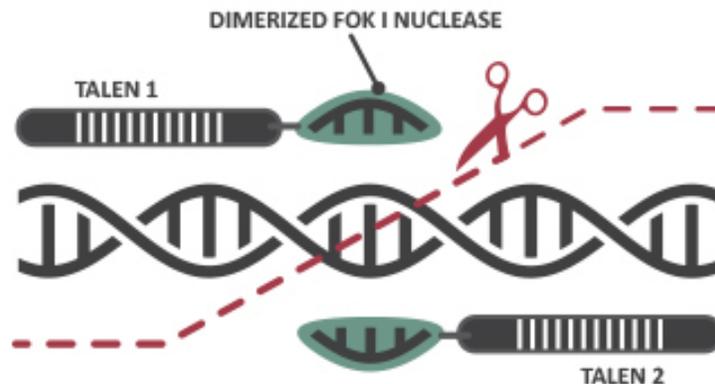


What is Gene Editing?

Every mom or dad contributes 3 billion letters, for a total of 6 billion to an offspring's DNA or "book of life". This book is written with the letters A, G, T and C, arranged in a nearly infinite combination resulting in a beautifully diverse set of outcomes. Gene editing, or how we call it, "precision breeding", allows us to write optimized prose in an animal.



Numerous technological advances over the last decade, many of which were invented or refined by the company's founders and scientific team, make it possible to modify animal genomes more accurately and more efficiently than ever. Recombinetics currently uses tools like TALENs and CRISPR/Cas9, which act as "molecular scissors" to precisely cut into DNA to remove genes and replace (introgress) them with better ones from the same species. This isn't genetic modification (GM), it's gene editing.



Recombinetics develops and utilizes the best of [gene editing technology](#) to improve and lengthen human lives, and to improve and grow agriculture to help feed the world's growing population and reduce animal suffering.

Learn more about the vision and potential of Recombinetics:



What is Gene Editing?



Livestock Producers



Medical Researchers



Our Story



Thought Leadership



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