

Mutagenesis in *Drosophila*

Ligia Cota Vieira

Transcription activator-like effector nucleases (TALENs) are highly efficient and have been extensively used for the generation of mutations in *Drosophila melanogaster* and other organisms. Since then, another system, using clustered regularly interspaced palindromic repeats (CRISPR), has been presented as an equally efficient option with a much lower cost. Our experience has shown that while the potential of CRISPR is undeniable, serious improvements are necessary to make it as reliable as TALENs.