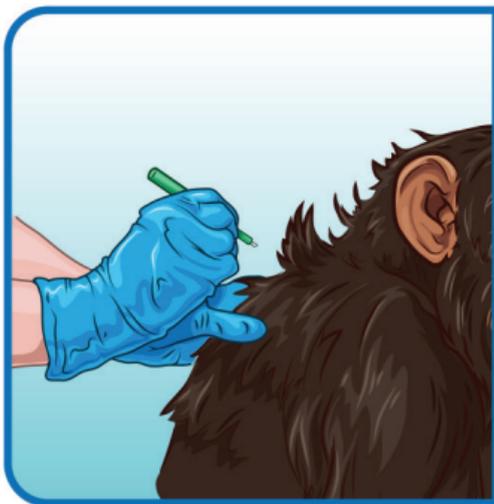
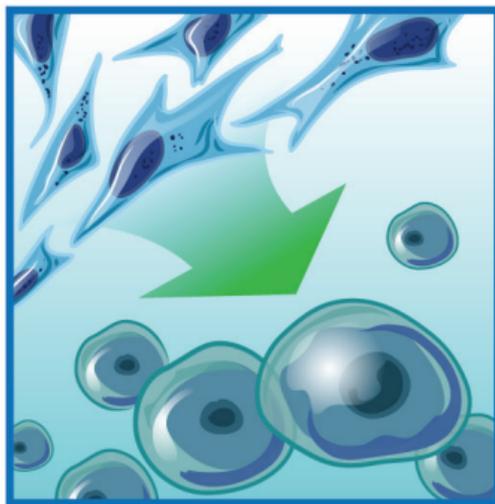


NAILING DOWN HAR FUNCTION

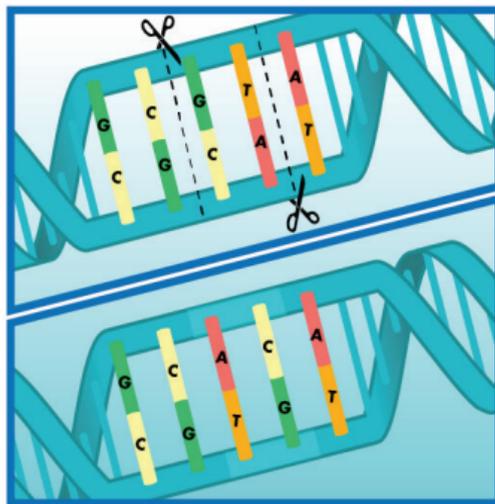
A remaining challenge in the study of human accelerated regions (HARs) is establishing their specific functions during development and other biological processes. But modern stem cell technologies could provide the answer.



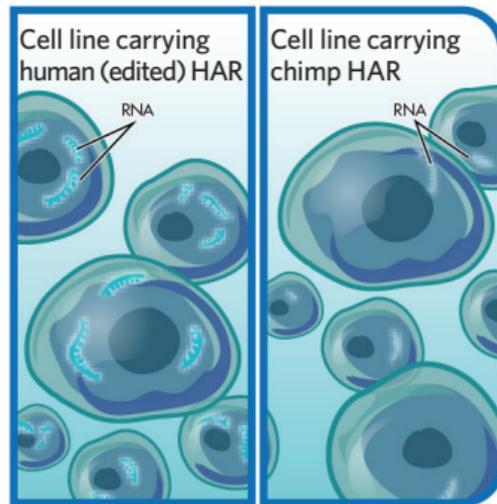
Take skin biopsy from a nonhuman primate.



Reprogram skin fibroblasts into brain, heart, or liver cells.



Edit the DNA of a specific chimp HAR to match the human sequence.



Test the cells for differences in gene expression.