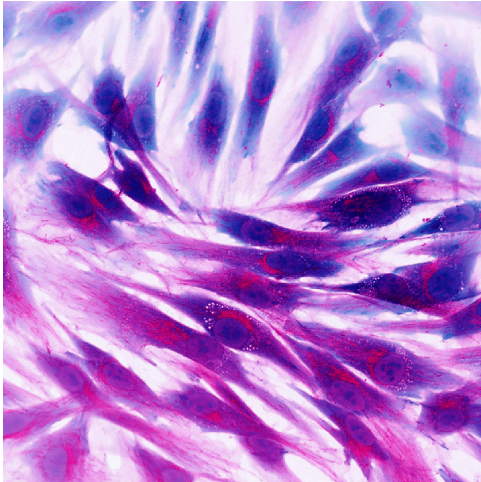




# Stable A549 Cell Lines Generated by Crispr-Cas9 Genome Editing

TECHNOLOGY NUMBER: 2018-446



## INNOVATION

Utilizing a Cas9 overexpressing A549 cell line and gene specific sgRNA purchased from the company Genecopoeia, Inc, Rockville, MD, six stable cell lines were developed with knockdown of the following 5 genes 1) Cadm1, 2) Smad2, 3)Smad3, 4)Smad4, 5)TgfbRI and 6) empty vector control.

## Technology ID

2018-446

## Category

Research Tools and Reagents

## Inventor

Peter Chockley

Venkateshwar Keshamouni

## Further information

Emily Bowers

[bowersea@umich.edu](mailto:bowersea@umich.edu)

## Learn more

