Mouse Models CANVAS Publication

# RFC+/- mice

## IDENTIFICATION

| | |
|---|---|
| **Causal gene(s)** | RFC1 |
| **Repeat size or mutation** | RFC1 heterozygous knockout mice |
| **Animal model** | Mouse |

## MODEL DETAILS

| | |
|---|---|
| **Mouse strain / background** | SWV/Fnn |
| **Type of model** | Heterozygous Knockout |

## TRANSGENIC CONSTRUCT

| | |
|---|---|
| **Transgenic construct: details** | Mouse RFC1 |

## PHENOTYPE

| | |
|---|---|
| **Hallmark features** | No ataxic symptoms |

## SOURCE & PUBLICATIONS

| | |
|---|---|
| **Originating lab / institution** | Texas A&M University |
| **Links to publications or public resources** | Folate transport gene inactivation in mice increases sensitivity to colon carcinogenesis - PubMed<br>https://pubmed.ncbi.nlm.nih.gov/15705887/<br>Use of a novel genetic mouse model to investigate the role of folate in colitis-associated colon cancer - PubMed<br>https://pubmed.ncbi.nlm.nih.gov/18926688/ |