

## CDX2P-CreERT2 Mouse Model

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### INNOVATION

We have generated transgenic mice with ligand (tamoxifen)-regulated Cre recombinase function - so-called CreERT2 - in distal small intestine, cecum and colon and rectal epithelium. These CDX2-CreERT2 transgenic mice will readily allow for Cre/LoxP-mediated gene targeting in the distal gastrointestinal tract, including efforts to define the phenotypic effects of single and multiple oncogene and tumor suppressor gene defects in adult colon epithelium and the generation of mouse genetic models of colorectal cancer that recapitulate colorectal cancer biology in man.