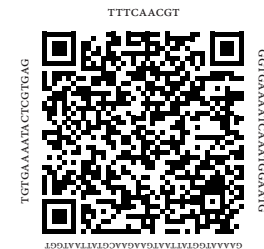
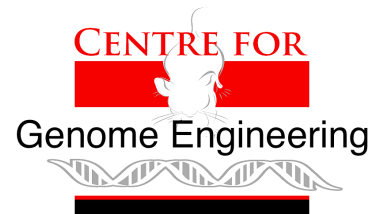


Over the last 5 years, the **CGE** facility has completed 32 custom CRISPR cell knock-outs, comprising 25 different genes in 19 different cell lines for multiple research labs at the University of Calgary and the University of Alberta.

Contact us for how we can knock-out your gene of interest in as little as **3 months**.

<https://www.ucalgary.ca/mousegenomics/>



[Nocodazole-induced expression and phosphorylation of anillin and other mitotic proteins are decreased in DNA-dependent protein kinase catalytic subunit-deficient cells and rescued by inhibition of the anaphase-promoting complex/cyclosome with proTAME but not apcin.](#) Pauline Douglas, Ruiqiong Ye, Suraj Radhamani, Alexander Cobban, Nicole P Jenkins, Edward Bartlett, Jonathan Roveredo, Arminja N Kettenbach, Susan P Lees-Miller. **Mol Cell Biol.** 2020 Jun 15;40(13).

[Combined poly-ADP ribose polymerase and ataxia-telangiectasia mutated/Rad3-related inhibition targets ataxia-telangiectasia mutated-deficient lung cancer cells.](#) Nicholas R. Jette, Suraj Radhamani, Greydon Arthur, Ruiqiong Ye, Siddhartha Goutam, Anthony Bolyos, Lars F. Petersen, Pinaki Bose, D. Gwyn Bebb & Susan P. Lees-Miller. **British Journal of Cancer** (2019) September.

[Persistent 3'-phosphate termini and increased cytotoxicity of radiomimetic DNA double-strand breaks in cells lacking polynucleotide kinase/phosphate despite presence of an alternative 3'-phosphatase.](#) Sri Lakshmi Chalasani, Ajinkya S. Kawale, Konstantin Akopiants, Yaping Yu, Mesfin Fanta, Michael Weinfeld, Lawrence F. Povirk. **DNA Repair** 68 (2018) 12-24.