

Platform sheet

TRIP-Nantes

Localization	INSERM UMR 1064, 30, boulevard Jean Monnet, 44093 Nantes BioCore
Website	https://sfrsante.univ-nantes.fr/fr/plateformes/modeles-in-vivo-experimentation-preclinique/plate-forme-trip-gce
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Phone	02 40 08 74 15
Organism(s)	<i>Rattus norvegicus</i> (with inbred or outbred strains)
Applications	<ul style="list-style-type: none"> • Generation of transgenic by small or large (BAC) DNA microinjection • Generation of KO and KI by exon exchange with ssODN or by insertion of DNA construct
Technologies	<ul style="list-style-type: none"> • DNA, ZFNs, TALENs, CRISPR/Cas9, PiggyBac transposon and lentiviral vectors microinjection • Embryo freezing • Q-PCR genotyping (zygosity animals) • Identification of transgenes integration site (LM-PCR) • Electroporation of embryos • Production of animal with conventional health status or with SPF status