

Platform sheet

Phenomin

Localization	Institut Clinique de la Souris (ICS, Illkirch), Centre for Immunophenomics (CIPHE, Marseille)
Website	http://www.phenomin.fr
Contacts	contact@phenomin.fr
Phone	-
Organism(s)	<i>Mus musculus</i> <i>Rattus norvegicus</i>
Applications	<ul style="list-style-type: none"> • Any kind of mutations from knock-out to full length humanization in mouse • Knock-out, small knock-in and conditional knock-out in rats • Cell engineering • Derivation of ES cells from mutant mouse line • Molecular model validation • Colony expansion and cryopreservation • Phenotypic characterization • Preclinical studies
Technologies	<ul style="list-style-type: none"> • CRISPR/Cas9 technology and/or ES-based methods • PCR, qPCR and digital PCR genotyping • Phenotyping platforms (behavior & cognition, cardiovascular, metabolism, immune-profiling, clinical chemistry & hematology, anatomo-pathology)