

# MOUSE COLONY HEALTH STATUS

07.02.2025

Location/Housing: AREA 2, Post Transfer (Vasectomized Males, Foster Mice, Litters; reestablished Feb 2013) / All IVC  
Species and strains: Mus musculus CD1 (Hosts), C57BL/6N, C57BL/6J, BALB/c, FVB/N, 129Ola, 129Sv (derivative strains)

Monitored Company:

**PolyGene**  
Transgenetics

Riedmattstr. 9, CH-8153 Rümlang  
Phone +41 44 818 88 00, Fax +41 44 818 88 01

Microbiological Monitoring Service:

 **MicroBioS**  
microbiological services

Lörracherstrasse 50, CH-4145 Riehen  
Phone +41 61 416 96 10, Fax +41 61 416 96 19

	Test frequency	Latest test date	Latest results	Testing laboratory	Testing method	History (2 years)
<b>Viruses</b>						
Mouse hepatitis virus (MHV)	3 months	07.02.2025	0 / 2	MicroBioS	ELISA	0 / 14
Mouse rotavirus (EDIM)	3 months	07.02.2025	0 / 2	MicroBioS	IFA	0 / 14
Minute virus of mice (MVM)	3 months	07.02.2025	0 / 2	MicroBioS	IFA	0 / 14
Mouse parvovirus (MPV)	3 months	07.02.2025	0 / 2	MicroBioS	IFA	0 / 14
Mouse Noro Virus (MNV)	3 months	07.02.2025	0 / 2	MicroBioS	ELISA	0 / 14
Theiler's murine encephalomyelitis virus (TMEV)	3 months	07.02.2025	0 / 2	MicroBioS	IFA	0 / 14
Sendai Virus	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Ectromelia virus	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Lymphocytic choriomeningitis virus (LCM)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Mouse adenovirus type 1 (FL)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Mouse adenovirus type 2 (K87)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Reovirus type 3	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Pneumonia virus of mice (PVM)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Hanta virus	on request	07.09.2022	0 / 2	MicroBioS	IFA	0 / 0
K-Virus	on request	07.09.2022	0 / 2	MicroBioS	ELISA	0 / 0
Lactate dehydrogenase-elevating virus (LDEV)	on request	07.09.2022	0 / 2	MicroBioS	PCR	0 / 0
Mouse thymic virus (MTV)	on request	07.09.2022	0 / 2	MicroBioS	IFA	0 / 0
Polyoma virus	on request	07.09.2022	0 / 2	MicroBioS	IFA	0 / 0
Mouse Cytomegalovirus (MCMV)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4

## Bacteria, mycoplasma and fungi

Citrobacter rodentium	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Clostridium piliforme (Tyzzer's disease)	Annually	11.07.2024	0 / 2	MicroBioS	IFA	0 / 4
Corynebacterium kutscheri	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Mycoplasma pulmonis	Annually	11.07.2024	0 / 2	MicroBioS	CULT	0 / 4
Pasteurellaceae	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Salmonella spp.	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Streptococci $\beta$ -haemolytic (not group D)	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Streptococcus pneumoniae	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Helicobacter spp.	3 months	07.02.2025	0 / 2	MicroBioS	PCR	0 / 14
Streptobacillus moniliformis	Annually	11.07.2024	0 / 2	MicroBioS	ELISA	0 / 4
Bordetella bronchiseptica	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Klebsiella pneumoniae	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Klebsiella oxytoca	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Staphylococcus aureus	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Pseudomonas sp.	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Pseudomonas aeruginosa	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Yersinia pseudotuberculosis	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Corynebacterium bovis	3 months	07.02.2025	0 / 2	MicroBioS	CULT	0 / 14
Rodentibacter spp.	Annually	11.07.2024	0 / 2	MicroBioS	CULT	0 / 4
Filobacterium rodentium	on request	07.09.2022	0 / 2	MicroBioS	CULT	0 / 0
Muribacter muris	Annually	11.07.2024	0 / 2	MicroBioS	CULT	0 / 4
Haemophilus spp	Annually	11.07.2024	0 / 2	MicroBioS	CULT	0 / 4
Proteus mirabilis	on request	07.09.2022	0 / 2	MicroBioS	CULT	0 / 0

## Parasites

Ectoparasites (all)	3 months	07.02.2025	0 / 2	MicroBioS	PATH	0 / 14
Endoparasites (all*)	3 months	07.02.2025	0 / 2	MicroBioS	PATH	0 / 14
Pathological lesions observed	3 months	07.02.2025	0 / 2	MicroBioS	PATH	0 / 14
Helminthes	3 months	07.02.2025	0 / 2	MicroBioS	caecum	0 / 14

Data are expressed as number positive/number tested; grey: Germs recommended by FELASA for screening; Italic: Screening frequencies exceeding recommendation  
ELISA: enzyme linked immunosorbent assay, IFA: immunofluorescence assay, CULT: culture, PATH: gross pathology, PCR: polymerase chain reaction

\* in absence of spf providers warranting a reliable Hexamastix sp. status, we currently exclude this germ