

# MOUSE COLONY HEALTH STATUS

14.09.2023

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

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Microbiological Monitoring Service:



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	Test frequency	Latest test date	Latest results	Testing laboratory	Testing method	History (2 years)
<b>Viruses</b>						
Mouse hepatitis virus (MHV)	3 months	14.09.2023	0 / 2	MicroBioS	ELISA	0 / 16
Mouse rotavirus (EDIM)	3 months	14.09.2023	0 / 2	MicroBioS	IFA	0 / 16
Minute virus of mice (MVM)	3 months	14.09.2023	0 / 2	MicroBioS	IFA	0 / 16
Mouse parvovirus (MPV)	3 months	14.09.2023	0 / 2	MicroBioS	IFA	0 / 16
Mouse Noro Virus (MNV)	3 months	14.09.2023	0 / 2	MicroBioS	ELISA	0 / 16
Theiler's murine encephalomyelitis virus (TMEV)	3 months	14.09.2023	0 / 2	MicroBioS	IFA	0 / 16
Sendai Virus	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Ectromelia virus	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Lymphocytic choriomeningitis virus (LCM)	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Mouse adenovirus type 1 (FL)	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Mouse adenovirus type 2 (K87)	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Reovirus type 3	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Pneumonia virus of mice (PVM)	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Hanta virus	Annually	07.09.2022	0 / 2	MicroBioS	IFA	0 / 6
K-Virus	Annually	07.09.2022	0 / 2	MicroBioS	ELISA	0 / 4
Lactate dehydrogenase-elevating virus (LDEV)	Annually	07.09.2022	0 / 2	MicroBioS	PCR	0 / 4
Mouse thymic virus (MTV)	Annually	07.09.2022	0 / 2	MicroBioS	IFA	0 / 4
Polyoma virus	Annually	07.09.2022	0 / 2	MicroBioS	IFA	0 / 4
Mouse Cytomegalovirus (MCMV)	Annually	07.09.2022	0 / 2	MicroBioS	IFA	0 / 4

## Bacteria, mycoplasma and fungi

Citrobacter rodentium	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Clostridium piliforme (Tyzzer's disease)	Annually	14.09.2023	0 / 2	MicroBioS	IFA	0 / 8
Corynebacterium kutscheri	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Mycoplasma pulmonis	Annually	14.09.2023	0 / 2	MicroBioS	CULT	0 / 8
Pasteurellaceae	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Salmonella spp.	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Streptococci β-haemolytic (not group D)	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Streptococcus pneumoniae	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Helicobacter spp.	3 months	14.09.2023	0 / 2	MicroBioS	PCR	0 / 12
Streptobacillus moniliformis	Annually	14.09.2023	0 / 2	MicroBioS	ELISA	0 / 8
Bordetella bronchiseptica	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Klebsiella pneumoniae	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Klebsiella oxytoca	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Staphylococcus aureus	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Pseudomonas sp.	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Pseudomonas aeruginosa	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Yersinia pseudotuberculosis	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Corynebacterium bovis	3 months	14.09.2023	0 / 2	MicroBioS	CULT	0 / 16
Rodentibacter spp.	Annually	14.09.2023	0 / 2	MicroBioS	CULT	0 / 6
Filobacterium rodentium	Annually	07.09.2022	0 / 2	MicroBioS	CULT	0 / 4
Muribacter muris	Annually	14.09.2023	0 / 2	MicroBioS	CULT	0 / 6
Haemophilus spp	Annually	14.09.2023	0 / 2	MicroBioS	CULT	0 / 6
Proteus mirabilis	Annually	07.09.2022	0 / 2	MicroBioS	CULT	0 / 4

## Parasites

Ectoparasites (all)	3 months	14.09.2023	0 / 2	MicroBioS	PATH	0 / 16
Endoparasites (all*)	3 months	14.09.2023	0 / 2	MicroBioS	PATH	0 / 16
Pathological lesions observed	3 months	14.09.2023	0 / 2	MicroBioS	PATH	0 / 16
Helminthes	3 months	14.09.2023	0 / 2	MicroBioS	caecum	0 / 16

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