

### InVivos Pte Ltd- Health Report

<b>Production site:</b>	InVivos	<b>Date of report:</b>	03 Sep 2018
<b>Address:</b>	9 Perahu Road, Singapore 718793	<b>Species:</b>	Mice: 4 strains & 1 stock (as specified below)
<b>Health report Group:</b>	BBR 05 (01)	<b>Transferred From:</b>	Taconic Biosciences Inc.
<b>Date Location First Occupied:</b>	14 Mar 2014	<b>Animal strains/Stock:</b>	BALB/cAnN, C57BL/6N, FVB/N, 129SVE, ICR
<b>Taconic Health Standard:</b>	Restricted Flora (RF)		

\* **Latest Test Date** is the date animals are removed from the colony to begin the health testing process.

Compilation of all results for web posting may take several weeks.

#### Viruses

Target Organism	Test Frequency	Testing Laboratory	Test Method	*Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Mouse Hepatitis Virus (MHV )	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Mouse Minute [parvo] Virus (MMV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Mouse Parvovirus (MPV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Mouse Rotavirus (EDIM)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Encephalomyelitis Virus (GD7)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Pneumonia Virus of Mice (PVM)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Murine Norovirus (MNV )	Monthly	IDEXX RADIL	MFI	06 Aug 2018	M	0/4	0/32	0/98
Sendai Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Ectromelia Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Mouse Cytomegalovirus (MCMV )	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Polyoma Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
K Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Thymic Virus	Semiannually	IDEXX RADIL	IFA	12 Mar 2018	M	0/4	0/4	0/13
Lactic Dehydrogenase Elevating Virus (LDHV )	Annually	IDEXX RADIL	MFI	11 Sep 2017	M	0/4	-	0/8

#### Bacteria, Mycoplasma and Fungi

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Beta hemolytic Streptococcus	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Bordetella bronchiseptica	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Citrobacter rodentium	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Corynebacterium kutscheri	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Klebsiella oxytoca	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Klebsiella pneumoniae	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Mycoplasma sp.	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Pasteurella pneumotropica	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Other Pasteurella sp.	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Pseudomonas aeruginosa	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Salmonella sp.	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Staphylococcus aureus	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	M	0/4	0/8	0/32
Streptococcus pneumoniae	Quarterly	IDEXX RADIL	CULT	04 Jun 2018	M	0/4	0/8	0/32
Cilia Associated Respiratory Bacillus (CARB)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32
Helicobacter spp	Quarterly	IDEXX RADIL	ELISA	04 Jun 2018	M	0/4	0/8	0/32
Corynebacterium bovis	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	M	0/4	0/8	0/32
Pneumocystis murina	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	M	0/4	0/8	0/32

## Parasites

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Ectoparasites	Quarterly	Taconic Diagnostics	MICR	04 Jun 2018	M	0/4	0/8	0/32
Endoparasites	Quarterly	Taconic Diagnostics	MICR-PCR	04 Jun 2018	M	0/4	0/8	0/32
Enteric helminths	Quarterly	Taconic Diagnostics	MICR	04 Jun 2018	M	0/4	0/8	0/32
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	M	0/4	0/8	0/32

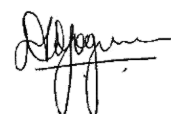
Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Necropsy findings	Quarterly	Taconic Diagnostics		04 Jun 2018	M	0/4	0/8	0/32

## Ancillary Microbial Monitoring- Restricted Flora

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Klebsiella oxytoca	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	M	0/8	0/80	0/264
Klebsiella pneumonia	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	M	0/8	0/80	0/264
Pseudomonas aeruginosa	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	M	0/8	0/80	0/264
Staphylococcus aureus	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	M	0/8	0/80	0/264
Beta haemolytic Streptococcus spp.	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	M	0/8	0/80	0/264

Health testing performed against IHMS™ standards at Taconic Biosciences Inc. using samples supplied by InVivos.

Reviewed By



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Do you have questions about this health report? Contact Dr.Nijaguna Bethur at +65 66438619 or [Nijaguna\\_bethur@invivos.com.sg](mailto:Nijaguna_bethur@invivos.com.sg)