

### InVivos Pte Ltd- Health Report

<b>Production site:</b>	InVivos	<b>Date of report:</b>	03 Jan 2019
<b>Address:</b>	9 Perahu Road, Singapore 718793	<b>Species:</b>	Mice: 3 strains (as specified below)
<b>Health report Group:</b>	BBR 01	<b>Transferred From:</b>	Taconic Biosciences Inc.
<b>Date Location First Occupied:</b>	31 Jan 2013	<b>Animal strains/Stock:</b>	C57BL/6N, BALB/cAnN, C3H/HeN
<b>Taconic Health Standard:</b>	Murine Pathogen Free (MPF)		

\* 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	10 Dec 2018	M	0/5	0/60	0/120
Mouse Minute [parvo] Virus (MMV)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Mouse Parvovirus (MPV)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Mouse Rotavirus (EDIM)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Encephalomyelitis Virus (GD7)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Pneumonia Virus of Mice (PVM)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Murine Norovirus (MNV )	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/60	0/120
Sendai virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Ectromelia Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Mouse Cytomegalovirus (MCMV )	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Polyoma Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
K Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Thymic Virus	Semiannually	IDEXX RADIL	IFA	10 Sep 2018	M	0/5	0/10	0/20
Lactic Dehydrogenase Elevating Virus (LDHV )	Annually	IDEXX RADIL	MFI	10 Sep 2018	M	0/5	0/5	0/10

#### 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	10 Dec 2018	M	0/5	0/20	0/40
Bordetella bronchiseptica	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Citrobacter rodentium	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Corynebacterium kutscheri	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Klebsiella oxytoca	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Klebsiella pneumoniae	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Mycoplasma pulmonis	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Pasteurella pneumotropica	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Pasteurella multocida	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Pseudomonas aeruginosa	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Salmonella sp.	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Staphylococcus aureus	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/5	0/20	0/40
Streptococcus pneumoniae	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/5	0/20	0/40
Cilia Associated Respiratory Bacillus (CARB)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40
Helicobacter spp	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/5	0/20	0/40
Pneumocystis spp	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/5	0/20	0/40

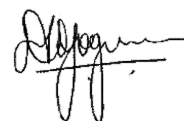
## Parasites

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	10 Dec 2018	M	0/5	0/20	0/40
Endoparasites	Quarterly	Taconic Diagnostics	MICR-PCR	10 Dec 2018	M	0/5	0/20	0/40
Enteric helminths	Quarterly	Taconic Diagnostics	MICR	10 Dec 2018	M	0/5	0/20	0/40
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/5	0/20	0/40

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		10 Dec 2018	M	0/5	0/20	0/40

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)