

### 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>	Rat: 1 stock (as specified below)
<b>Health report Group:</b>	BBR 05 (O2)	<b>Transferred From:</b>	Taconic Biosciences Inc.
<b>Date Location First Occupied:</b>	14 Mar 2014	<b>Animal strains/Stock:</b>	SD
<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
Kilham's Rat Virus (KRV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Rat Coronavirus (RCV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Rat Minute Virus (RMV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Rat Parvo Virus (RPV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Sialodacryoadenitis Virus (SDAV)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Toolon's H-1 Virus (TH1)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Encephalomyelitis Virus (GD7)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Pneumonia Virus of Mice (PVM)	Monthly	IDEXX RADIL	MFI	06 Aug 2018	R	0/2	0/16	0/48
Sendai Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16

#### 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	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Bordetella bronchiseptica	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Corynebacterium kutscheri	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Klebsiella oxytoca	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Klebsiella pneumoniae	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Mycoplasma sp.	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Pasteurella pneumotropica	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Other Pasteurella sp.	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Pseudomonas aeruginosa	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Salmonella sp.	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Staphylococcus aureus	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	R	0/2	0/4	0/16
Streptococcus pneumoniae	Quarterly	Taconic Diagnostics	CULT	04 Jun 2018	R	0/2	0/4	0/16
Cilia Associated Respiratory Bacillus(CARB)	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16
Helicobacter spp	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	R	0/2	0/4	0/16
Corynebacterium bovis	Quarterly	Taconic Diagnostics	ELISA	04 Jun 2018	R	0/2	0/4	0/16
Pneumocystis sp.	Quarterly	IDEXX RADIL	PCR	04 Jun 2018	R	0/2	0/4	0/16

## 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	R	0/2	0/4	0/16
Endoparasites	Quarterly	Taconic Diagnostics	MICR-PCR	04 Jun 2018	R	0/2	0/4	0/16
Enteric helminths	Quarterly	Taconic Diagnostics	MICR	04 Jun 2018	R	0/2	0/4	0/16
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	04 Jun 2018	R	0/2	0/4	0/16

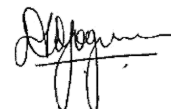
Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Necropsy findings	Quarterly	Taconic Diagnostics		04 Jun 2018	R	0/2	0/4	0/16

## 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	R	0/2	0/20	0/72
Klebsiella pneumonia	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	R	0/2	0/20	0/72
Pseudomonas aeruginosa	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	R	0/2	0/20	0/72
Staphylococcus aureus	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	R	0/2	0/20	0/72
Beta haemolytic Streptococcus spp.	Monthly	Taconic Diagnostics	CULTURE	06 Aug 2018	R	0/2	0/20	0/72

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)**