

## Facility description/health monitoring IMP IMBA 3. UG Animal House

This facility was set up in October 2007 for the first time and only mice are housed here. The facility in the 3. UG comprises 25 animal rooms (No. 1 - 25) and is run as fullbarrier animal husbandry. There is no strict barrier between the single rooms within this area protected by the barrier. This means the health status, which is valid for one single room is valid for all other rooms, if one room shows a positive result for a specific pathogen all other rooms have to be considered as positive for this pathogen too. Rooms are used as multipurpose units, there are many different types of experiments, there is frequent introduction of animals (> 16 per month) from different breeding units (from one or several breeders), there is frequent entry of research personnel in addition to animal care staff and there is frequent change of personnel working in the unit, there is introduction of biological materials (e.g. sera, tumours, tissues, (ES) cells) originating from the same animal species that are housed in the unit, there are no infected animals on the site. Currently not all rooms are used for housing mice (empty rooms, laboratory areas). The whole area behind the barrier is provided with HEPA filtered air (15 x airexchange rate per hour). Every single animal room has 2 different entrances: one for the service area and one for the user area. Animal house staff and animal house users enter the barrier from separate sluize-sites. Air pressure regulation makes sure that there is no air exchange between the different animal rooms.

The mice are given an autoclaved standard pelleted breeding diet (SSNIFF) and autoclaved water, which is acidified by sulfuric acid (ph 2.5-3.0) additionally. About 200 persons (animal technicians, scientists) are authorised to work in the mouse facility.

Personnel on entering the facility have to put on the following: disposable clothing, gloves, labshoes and overshoes, hats, masks. Before entering and leaving the husbandry an airshower (HEPA filtered air, 60 sec.) has to be passed.

The health monitoring is based on results obtained from the investigation of soiled bedding sentinels. New sentinels (e.g. Swiss Webster) delivered by a commercial breeder (e.g. Charles River) with standardised and confirmed health-status are introduced into the rooms about every 21 weeks. Health screening comprises sera checks after 21 weeks (no parasitology, no necropsy) of about 70 % of the animals and an additional whole animal investigation of the remaining mice according to FELASA recommendations (52 m), which is carried out about 12 weeks later.

When assessing the health status of the mice in question please consider that results obtained from soiled bedding sentinels housed in individually ventilated cages might be diagnostically less conclusive. Since sentinels mirror the health status of mouse colonies on the day of investigation, they cannot be taken as guarantee of the present or future health-status. The high number of persons working in the animal house has to be considered as risk for the health status of our mouse-colonies.

The mice in question were born and bred at IMP / IMBA animal facilities Vienna according to European laboratory animal law and they are to be used solely for scientific experiments, they have not originated from a facility, where work with foot and mouth virus or exotic disease agents affecting livestock or poultry is conducted. The animals have not been inoculated with any microorganisms nor been in contact with animals, which have been inoculated with any microorganisms.

### **Our sentinel program:**

Immunocompetent sentinels derived from breeding colonies of known microbiological status are obtained from commercial breeders (Charles River Laboratories, Harlan, Janvier etc.).

The microbiological status of laboratory animals is a direct result of the way an animal house is used. It is influenced to a high degree by the colony management practices, by the number of scientists, who have access to the facility, by the frequency of imports of animals into a facility, by the design of the facility etc.

The microbiological status of our animals is monitored by a sentinel program (soiled bedding sentinels, contact sentinels). It is performed on a regular basis to detect unwanted microorganisms as soon as possible. Since sentinels mirror the health status of mouse colonies on the day of investigation, they cannot be taken as guarantee of the present or future health-status.

### **A. Main serological investigation, every 22 weeks**

Our serological panel:

- Mouse hepatitis virus (MHV)
- Reovirus type 3 (Reo 3)
- Theiler's murine encephalomyelitis virus (TMEV)
- Pneumonia virus of mice (PVM)
- Sendai virus (SEN)
- Minute virus of mice (MVM)
- Mouse parvo virus (MPV)
- Ectromelia virus (Ectro)
- Lymphocytic choriomeningitis virus (LCMV)
- Mouse adenovirus (Mad K78)
- Polyoma virus of mice (Poly)
- Hantaan virus
- Mouse cytomegalovirus (MCMV)
- Rota virus (EDIM) epizootic diarrhoe of infant mice
- Mouse norovirus (MNV)
- Mycoplasma pulmonis/arthritidis
- Clostridium piliforme Tyzzer's disease
- Pasteurella pneumotropica
- Toxoplasma gondii

Testing currently is carried out by:

#### **BioDoc**

Biomedical Diagnostics

Feodor-Lynen-Strasse 23

30625 Hannover, Germany

E-mail: [info@biodoc-online.com](mailto:info@biodoc-online.com)

Phone: +49 (0)511 548885

Fax: +49 (0)511 548886

<http://biodoc-online.com/index.html>

**B. Whole animal investigation according FELASA 52m, every 22 weeks always 12 weeks after the last main serology**

This investigation comprises serology, parasitology, bacteriology and necropsy.

**SEROLOGY**

- Minute virus of mice (MVM)
- Mouse hepatitis virus (MHV)
- Pneumonia virus of mice (PVM)
- Reovirus type 3 (Reo 3)
- Theiler's murine encephalomyelitis virus (TMEV)
- Sendai virus
- Rota virus (EDIM)
- Mouse parvo virus (MPV)
- Murines Norovirus (MNV)
- Clostridium piliforme (Tyzzer)
- Mycoplasma pulmonis/arthritis
- Virus der Lymphozytären Choriomeningitis (LCMV)
- Hantaan virus
- Ectromelia
- Zytomegalievirus der Maus (MCMV)
- Mouse adenovirus (Mad) 1
- Mouse adenovirus (Mad) 2
- Polyomavirus der Maus
- K Virus
- Mouse Thymic Virus (MTV)
- CAR bacillus (CARB)
- Encephalitozoon cuniculi (ECUN)
- Lactate Dehydrogenase Elevating Virus (LDEV)
- Prospect Hill Virus (PHV)

**PARASITOLOGY**

**Intestinal Protozoa**

- Giardia
- Spironucleus
- Trichomonas Sp
- Tetratrichomonas Sp
- Entamoeba muris
- Enteromonas Sp
- Chilomastix

**Helminths**

- Fecal Ova
- Syphacia obvelata
- Aspiculuris tetraptera

**Arthropods (Ectoparasits)**

## BACTERIOLOGY

- Bordetella bronchiseptica
- Citrobacter rodentium
- Corynebacterium kutscheri
- Helicobacter spp.
- Helicobacter bilis
- Helicobacter hepaticus
- Klebsiella spp.
- Pasteurellaceae
- Pasteurella pneumotropica (Heyl)
- Pasteurella pneumotropica (Jawetz)
- Pseudomonas aeruginosa
- Salmonella spp.
- Staphylococcus aureus
- Streptobacillus moniliformis
- B-hemolytic streptococcus
- Streptococcus pneumonia
- Yersinia spp.

## NECROPSY

- External Lesions/Abnormalities
- Internal Lesions/Abnormalities

Testing currently is carried out by:

**Surrey Diagnostics Limited**  
PO Box 156  
Cranleigh, Surrey GU6 8ZU  
UK  
E-Mail: [info@sdl.uk.net](mailto:info@sdl.uk.net)  
Phone: 01 483 268300  
<http://www.surrey-diagnostics.co.uk/>

	Most recent results of A, 45-2015-B_21Apr2016	Most recent results of B, 16-2015-A_5Feb2016
AR 1:	not an animal room	not an animal room
AR 2: IVC 1700 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Helicobacter spp.
AR 3: IVC 2700 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Fecal ova, Aspicularis tetraptera
AR 4: IVC 1200 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Entamoeba muris, Helicobacter spp.
AR 5: IVC 2000 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Enteromonas spp., Chilomastix spp., Helicobacter spp.
AR 6:	not an animal room	not an animal room
AR 7: IVC 1200 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV)
AR 8: IVC 2290 mice	tested negative for all checked items	tested negative for all checked items
AR 9: IVC 2290 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Enteromonas spp.
AR 10: IVC 1650 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Enteromonas spp., Fecal ova, Aspicularis tetraptera, Helicobacter spp.
AR 11: IVC 2290 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Enteromonas spp.
AR 12: IVC 2290 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Chilomastix spp., Fecal ova, Syphacia obvelata, Helicobacter spp.
AR 13: IVC 1650 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Helicobacter spp.
AR 14: SMI 300 mice	tested negative for all checked items	Mouse Norovirus (MNV)
AR 15: IVC 1610 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Helicobacter spp.
AR 16: IVC 3000 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Chilomastix spp.
AR 17:	not an animal room	not an animal room
AR 18: IVC 1630 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV)

AR 19: IVC 3000 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Helicobacter spp.
AR 20: IVC 1630 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV)
AR 21: IVC 950 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV)
AR 22: IVC 2500 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Enteromonas spp.
AR 23: IVC 3260 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV)
AR 24: IVC 2780 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Chilomastix spp., Fecal ova, Syphacia obvelata
AR 25: IVC 3800 mice	Mouse Norovirus (MNV)	Mouse Norovirus (MNV), Syphacia obvelata



Tierarzt

**Dr. med. vet. Andreas Bichl**  
**FORSCHUNGSINSTITUT FÜR**  
**MOLEKULARE PATHOLOGIE**

Gesellschaft m.b.H.  
 1030 Wien, Dr.-Bohr-Gasse 7

**IMP - IMBA**  
**Animal Facility**

**18. Mai 2016**

Dr. Bohr-Gasse 3  
 1030 Wien

## AR2

	BioDoc 45-2016-B_21Apr2016		Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015		Surrey Diagnostics 46-2014-B_16Jul2015		BioDoc 46-2014-B_24Mar2015		Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014		Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013		Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>																						
MVM Minute virus of mice	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MHV Mouse hepatitis virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
PVM Pneumonia virus of mice	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
REO Reovirus type 3	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
GDVII TMEV Theiler's murine encephalomyelitis virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
SENDSendai virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
EDIM Rota virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MPV Mouse parvo virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MVN Murines Norovirus	3	/ 18	3	/ 9	10	/ 18	3	/ 9	6	/ 17	0	/ 9	6	/ 17	0	/ 7	0	/ 12	6	/ 9	3	/ 3
CPIL Clostridium piliforme (Tyzzer)	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MPUL Mycoplasma species			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
LCMV Virus der Lympozytären Choriomeningitis	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
HANT Hantaan virus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
ECTRO Ectromelia	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MCMV Zytomegalievirus der Maus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
MAD 1 Mouse adenovirus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
MAD 2 Mouse adenovirus K87 Strain	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
POLY Polyomavirus der Maus	0	/ 18	0	/ 9	0	/ 18	0	/ 9	0	/ 17	0	/ 9	0	/ 17	0	/ 7	0	/ 12	0	/ 9	0	/ 3
K Virus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
MTV Mouse Thymic Virus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
CARB CAR bacillus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
ECUN Encephalitazoon cuniculi			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
LDEV Lactate Dehydrogenase Elevating Virus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Prospect Hill Virus (PHV)															0	/ 7					0	/ 3
Mycoplasma pulmonis/arthritis	0	/ 18			0	/ 18			0	/ 17			0	/ 17			0	/ 12	0	/ 9		
Pasteurella pneumotropica (Serology)	0	/ 18			0	/ 18			0	/ 17			0	/ 17			0	/ 12	0	/ 9		
Toxoplasma gondii (Serology)	0	/ 18			0	/ 18			0	/ 17			0	/ 17			0	/ 12	0	/ 9		
<b>Parasitology</b>																						
INTESTINAL PROTOZOA							0	/ 9			0	/ 9			0	/ 7					0	/ 3
Giardia			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Spironucleus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Trichomonas Sp			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Tetratrichomonas Sp			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Entamoeba muris			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Enteromonas Sp			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Chilomastix			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
HELMINTHS							0	/ 9			0	/ 9			0	/ 7					0	/ 3
Fecal Ova			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Syphacia obvelata			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Aspiculuris tetraoptera			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
ARTHROPODS (Ectoparasits)			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Parasite Notes			None		None				None					None					None			
<b>Bacteriology</b>																						
Bordetella bronchiseptica			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Citrobacter rodentium			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Corynebacterium kitchneri			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Helicobacter spp.			6	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Helicobacter bilis																					0	/ 3
Helicobacter hepaticus																					0	/ 3
Helicobacter rodentium																						
Klebsiella spp.			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Pasteurellaceae			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Pasteurella pneumotropica (Heyl)			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Pasteurella pneumotropica (Jawetz)			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Pseudomonas aeruginosa			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Salmonella spp.			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Staphylococcus aureus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					1	/ 3
Streptobacillus moniliformis			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Streptococcus pneumoniae			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
B-hemolytic streptococcus			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
E.coli																						
Yersinia spp.			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Other Bacteria																						
Bacteria Notes			None		None				None					None					None			
<b>Necropsy</b>																						
External Lesions/Abnormalities			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3
Internal Lesions/Abnormalities			0	/ 9			0	/ 9			0	/ 9			0	/ 7					0	/ 3

# AR3

	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_9Mar2014 Surrey Diagnostics 16-2013-A_10Dec2013		BioDoc 16-2013-A_20Oct2013 Surrey Diagnostics	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MHV Mouse hepatitis virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
PVM Pneumonia virus of mice	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
REO Reovirus type 3	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
SEND Sendai virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
EDIM Rota virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MPV Mouse parvo virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MVN Murines Norovirus	17 / 17	7 / 8	18 / 21	10 / 12	18 / 18	9 / 9	26 / 27	0 / 1	10 / 18	11 / 13	6 / 7	
CPIL Clostridium piliforme (Tyzzer)	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MPUL Mycoplasma species		0 / 8		0 / 12		0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
LCMV Virus der Lympozytären Choriomeningitis	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
HANT Hantaan virus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
ECTRO Ectromelia	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MCMV Zytomegalievirus der Maus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
MAD 1 Mouse adenovirus		0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18		0 / 7	
MAD 2 Mouse adenovirus K87 Strain	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
POLY Polyomavirus der Maus	0 / 17	0 / 8	0 / 21	0 / 12	0 / 18	0 / 9	0 / 27	0 / 1	0 / 18	0 / 13	0 / 7	
K Virus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
MTV Mouse Thymic Virus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
CARB CAR bacillus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
ECUN Encephalitzoon cuniculi		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Prospect Hill Virus (PHV)								0 / 1	0 / 18		0 / 7	
Mycoplasma pulmonis/arthritis	0 / 17		0 / 21		0 / 18		0 / 27			0 / 13		
Pasteurella pneumotropica (Serology)	0 / 17		0 / 21		0 / 18		0 / 27			0 / 13		
Toxoplasma gondii (Serology)	0 / 17		0 / 21		0 / 18		0 / 27			0 / 13		
<b>Parasitology</b>												
<b>INTESTINAL PROTOZOA</b>				0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Giardia		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Spiroplasma		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Trichomonas Sp		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Tetratrichomonas Sp		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Entamoeba muris		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Enteromonas Sp		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Chilomastix		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
<b>HELMINTHS</b>				0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Fecal Ova		3 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Syphacia obvelata		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Aspiculuris tetraptera		3 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
<b>ARTHROPODS (Ectoparasites)</b>		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Parasite Notes		None		None		None		None	None		None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Citrobacter rodentium		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Corynebacterium kitchneri		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Helicobacter spp.		0 / 8		0 / 12		0 / 9		1 / 1	7 / 18		3 / 7	
Helicobacter bilis									0 / 18		0 / 7	
Helicobacter hepaticus								1 / 1	7 / 18		3 / 7	
Helicobacter rodentium									0 / 18		0 / 7	
Klebsiella spp.		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Pasteurellaceae		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Pasteurella pneumotropica (Heyl)		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Pasteurella pneumotropica (Jawetz)		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Pseudomonas aeruginosa		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Salmonella spp.		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Staphylococcus aureus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		3 / 7	
Streptobacillus moniliformis		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Streptococcus pneumoniae		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
B-hemolytic streptococcus		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
E.coli												
Yersinia spp.		0 / 8		0 / 12		0 / 9		0 / 1	0 / 18		0 / 7	
Other Bacteria												
Bacteria Notes		None		None		None		None	None		None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 8		0 / 12		0 / 9		0 / 7	0 / 18		0 / 7	
Internal Lesions/Abnormalities		0 / 8		0 / 12		0 / 9		0 / 7	0 / 18		0 / 7	



# AR4

	BioDoc 45-2015-B_21Apr2016 Surrey Diagnostics 16-2015-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MHV Mouse hepatitis virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
PVM Pneumonia virus of mice	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
REO Reovirus type 3	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
SENDSendai virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
EDIM Rota virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MPV Mouse parvo virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MVN Murines Norovirus	12 / 15	9 / 9	12 / 14	5 / 5	12 / 12	5 / 5	6 / 12	3 / 5	0 / 10	7 / 8	0 / 3	
CPIL Clostridium piliforme (Tyzzer)	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MPUL Mycoplasma species		0 / 9		0 / 5		0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
LCMV Virus der Lympozytären Choriomeningitis	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
HANT Hantaan virus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
ECTRO Ectromelia	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MCMV Zytomegalievirus der Maus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
MAD 1 Mouse adenovirus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
MAD 2 Mouse adenovirus K87 Strain	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
POLY Polyomavirus der Maus	0 / 15	0 / 9	0 / 14	0 / 5	0 / 12	0 / 5	0 / 12	0 / 5	0 / 10	0 / 8	0 / 3	
K Virus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
MTV Mouse Thymic Virus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
CARB CAR bacillus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
ECUN Encephalitzoon cuniculi		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Prospect Hill Virus (PHV)								0 / 5			0 / 3	
Mycoplasma pulmonis/arthritis	0 / 15		0 / 14		0 / 12		0 / 12		0 / 10	0 / 8		
Pasteurella pneumotropica (Serology)	0 / 15		0 / 14		0 / 12		0 / 12		0 / 10	0 / 8		
Toxoplasma gondii (Serology)	0 / 15		0 / 14		0 / 12		0 / 12		0 / 10	0 / 8		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 5		0 / 5		0 / 5			0 / 3	
Giardia		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Spiroplasma		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Trichomonas Sp		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Tetratrichomonas Sp		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Entamoeba muris		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Enteromonas Sp		3 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Chilomastix		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
HELMINTHS				0 / 5		0 / 5		0 / 5			0 / 3	
Fecal Ova		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Syphacia obvelata		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Aspiculuris tetraptera		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
ARTHROPODS (Ectoparasites)		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Citrobacter rodentium		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Corynebacterium kitchneri		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Helicobacter spp.		9 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Helicobacter bilis											0 / 3	
Helicobacter hepaticus											0 / 3	
Helicobacter rodentium											0 / 3	
Klebsiella spp.		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Pasteurellaceae		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Pasteurella pneumotropica (Heyl)		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Pasteurella pneumotropica (Jawetz)		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Pseudomonas aeruginosa		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Salmonella spp.		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Staphylococcus aureus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Streptococcus moniliformis		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Streptococcus pneumoniae		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
B-hemolytic streptococcus		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
E.coli												
Yersinia spp.		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	
Internal Lesions/Abnormalities		0 / 9		0 / 5		0 / 5		0 / 5			0 / 3	

# AR5

	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MHV Mouse hepatitis virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
PVM Pneumonia virus of mice	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
REO Reovirus type 3	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
SEND Sendai virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
EDIM Rota virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MPV Mouse parvo virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MVN Murines Norovirus	11 / 25	14 / 14	21 / 27	7 / 17	20 / 33	9 / 18	9 / 30	0 / 8	0 / 30	7 / 11	6 / 9	
CPIL Clostridium piliforme (Tyzzer)	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MPUL Mycoplasma species		0 / 14		0 / 17		0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
LCMV Virus der Lympozytären Choriomeningitis	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
HANT Hantaan virus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
ECTRO Ectromelia	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MCMV Zytomegalievirus der Maus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
MAD 1 Mouse adenovirus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
POLY Polyomavirus der Maus	0 / 25	0 / 14	0 / 27	0 / 17	0 / 33	0 / 18	0 / 30	0 / 8	0 / 30	0 / 11	0 / 9	
K Virus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
MTV Mouse Thymic Virus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
CARB CAR bacillus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
ECUN Encephalitazoon cuniculi		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Prospect Hill Virus (PHV)								0 / 8			0 / 9	
Mycoplasma pulmonis/arthritis	0 / 25		0 / 27		0 / 33		0 / 30		0 / 30	0 / 11		
Pasteurella pneumotropica (Serology)	0 / 25		0 / 27		0 / 33		0 / 30		0 / 30	0 / 11		
Toxoplasma gondii (Serology)	0 / 25		0 / 27		0 / 33		0 / 30		0 / 30	0 / 11		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				3 / 17		0 / 18		0 / 8			0 / 9	
Giardia		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Spiroplasma		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Trichomonas Sp		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Tetratrichomonas Sp		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Entamoeba muris		1 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Enteromonas Sp		0 / 14		3 / 17		0 / 18		0 / 8			0 / 9	
Chilomastix		2 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
HELMINTHS				0 / 17		0 / 18		0 / 8			0 / 9	
Fecal Ova		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Syphacia obvelata		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Aspiculuris tetraptera		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
ARTHROPODS (Ectoparasites)		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Citrobacter rodentium		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Corynebacterium kitchneri		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Helicobacter spp.		3 / 14		0 / 17		0 / 18		2 / 8			3 / 9	
Helicobacter bilis											0 / 9	
Helicobacter hepaticus								2 / 2			3 / 9	
Helicobacter rodentium								0 / 0				
Klebsiella spp.		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Pasteurellaceae		0 / 14		0 / 17		3 / 18		0 / 8			0 / 9	
Pasteurella pneumotropica (Heyl)		0 / 14		0 / 17		3 / 18		0 / 8			0 / 9	
Pasteurella pneumotropica (Jawetz)		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Pseudomonas aeruginosa		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Salmonella spp.		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Staphylococcus aureus		0 / 14		0 / 17		0 / 18		0 / 8			2 / 9	
Streptobacillus moniliformis		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Streptococcus pneumoniae		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
B-hemolytic streptococcus		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
E.coli												
Yersinia spp.		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	
Internal Lesions/Abnormalities		0 / 14		0 / 17		0 / 18		0 / 8			0 / 9	

# AR7

	BioDoc 45-2015-B_21Apr2016		Surrey Diagnostics 16-2015-A_5Feb2016		BioDoc 16-2015-A_30Sep2015		Surrey Diagnostics 46-2014-B_16Jul2015		BioDoc 46-2014-B_24Mar2015		Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014		Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013		Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>																						
MVM Minute virus of mice	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MHV Mouse hepatitis virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
PVM Pneumonia virus of mice	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
REO Reovirus type 3	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
GDVII TMEV Theiler's murine encephalomyelitis virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
SENDSendai virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
EDIM Rota virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MPV Mouse parvo virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MVN Murines Norovirus	3	/ 6	5	/ 8	6	/ 9	6	/ 6	9	/ 12	3	/ 6	9	/ 12	3	/ 6	3	/ 12	6	/ 7	6	/ 6
CPIL Clostridium piliforme (Tyzzer)	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MPUL Mycoplasma species			0	/ 8			0	/ 6			0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
LCMV Virus der Lympozytären Choriomeningitis	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
HANT Hantaan virus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
ECTRO Ectromelia	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MCMV Zytomegalievirus der Maus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
MAD 1 Mouse adenovirus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
MAD 2 Mouse adenovirus K87 Strain	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
POLY Polyomavirus der Maus	0	/ 6	0	/ 8	0	/ 9	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 6	0	/ 12	0	/ 7	0	/ 6
K Virus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
MTV Mouse Thymic Virus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
CARB CAR bacillus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
ECUN Encephalitazoon cuniculi			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
LDEV Lactate Dehydrogenase Elevating Virus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Prospect Hill Virus (PHV)															0	/ 6					0	/ 6
Mycoplasma pulmonis/arthritis	0	/ 6			0	/ 9			0	/ 12			0	/ 12			0	/ 12	0	/ 7		
Pasteurella pneumotropica (Serology)	0	/ 6			0	/ 9			0	/ 12			0	/ 12			0	/ 12	0	/ 7		
Toxoplasma gondii (Serology)	0	/ 6			0	/ 9			0	/ 12			0	/ 12			0	/ 12	0	/ 7		
<b>Parasitology</b>																						
INTESTINAL PROTOZOA							0	/ 6			0	/ 6			0	/ 6					0	/ 6
Giardia			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Spiroplasma			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Trichomonas Sp			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Tetratrichomonas Sp			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Entamoeba muris			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Enteromonas Sp			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Chilomastix			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
HELMINTHS							0	/ 6			0	/ 6			0	/ 6					0	/ 6
Fecal Ova			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Syphacia obvelata			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Aspiculuris tetraoptera			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
ARTHROPODS (Ectoparasits)			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Parasite Notes			None		None				None				None					None				
<b>Bacteriology</b>																						
Bordetella bronchiseptica			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Citrobacter rodentium			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Corynebacterium kitchneri			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Helicobacter spp.			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Helicobacter bilis																					3	/ 6
Helicobacter hepaticus																					0	/ 6
Helicobacter rodentium																						
Klebsiella spp.			0	/ 8			0	/ 6			0	/ 6			0	/ 6					3	/ 6
Pasteurellaceae			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Pasteurella pneumotropica (Heyl)			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Pasteurella pneumotropica (Jawetz)			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Pseudomonas aeruginosa			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Salmonella spp.			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Staphylococcus aureus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					5	/ 6
Streptobacillus moniliformis			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Streptococcus pneumoniae			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
B-hemolytic streptococcus			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
E. coli																						
Yersinia spp.			0	/ 8			0	/ 6			0	/ 6			0	/ 6					0	/ 6
Other Bacteria																						
Bacteria Notes			None		None				None				None					None				
<b>Necropsy</b>																						
External Lesions/Abnormalities			0	/ 8			0	/ 6			0	/ 18			0	/ 6					0	/ 6
Internal Lesions/Abnormalities			0	/ 8			0	/ 6			0	/ 18			0	/ 6					0	/ 6

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jul2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MHV Mouse hepatitis virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
PVM Pneumonia virus of mice	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
REO Reovirus type 3	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
SENDSendai virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
EDIM Rota virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MPV Mouse parvo virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MVN Murines Norovirus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	3 / 9
CPIL Clostridium piliforme (Tyzzer)	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MPUL Mycoplasma species			0 / 11				0 / 8		0 / 21		0 / 9	
LCMV Virus der Lympozytären Choriomeningitis	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
HANT Hantaan virus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
ECTRO Ectromelia	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MCMV Zytomegalievirus der Maus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
MAD 1 Mouse adenovirus			0 / 11				0 / 8		0 / 21		0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
POLY Polyomavirus der Maus	0 / 18		0 / 11		0 / 18		0 / 8		0 / 21		0 / 9	
K Virus			0 / 11				0 / 8		0 / 21		0 / 9	
MTV Mouse Thymic Virus			0 / 11				0 / 8		0 / 21		0 / 9	
CARB CAR bacillus			0 / 11				0 / 8		0 / 21		0 / 9	
ECUN Encephalitazoon cuniculi			0 / 11				0 / 8		0 / 21		0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus			0 / 11				0 / 8		0 / 21		0 / 9	
Prospect Hill Virus (PHV)									0 / 21		0 / 9	
Mycoplasma pulmonis/arthritis	0 / 18				0 / 18				0 / 21		0 / 9	
Pasteurella pneumotropica (Serology)	0 / 18				0 / 18				0 / 21		0 / 9	
Toxoplasma gondii (Serology)	0 / 18				0 / 18				0 / 21		0 / 9	
<b>Parasitology</b>												
INTESTINAL PROTOZOA							0 / 8				0 / 7	
Giardia			0 / 11				0 / 8		0 / 21		0 / 7	
Spiroplasma			0 / 11				0 / 8		0 / 21		0 / 7	
Trichomonas Sp			0 / 11				0 / 8		0 / 21		0 / 7	
Tetratrichomonas Sp			0 / 11				0 / 8		0 / 21		0 / 7	
Entamoeba muris			0 / 11				0 / 8		0 / 21		0 / 7	
Enteromonas Sp			0 / 11				0 / 8		0 / 21		0 / 7	
Chilomastix			0 / 11				0 / 8		0 / 21		0 / 7	
HELMINTHS							0 / 8		0 / 21		0 / 7	
Fecal Ova			0 / 11				0 / 8		0 / 21		0 / 7	
Syphacia obvelata			0 / 11				0 / 8		0 / 21		0 / 7	
Aspiculuris tetraoptera			0 / 11				0 / 8		0 / 21		0 / 7	
ARTHROPODS (Ectoparasits)			0 / 11				0 / 8		0 / 21		0 / 7	
Parasite Notes			None				None				None	
<b>Bacteriology</b>												
Bordetella bronchiseptica			0 / 11				0 / 8		0 / 21		0 / 7	
Citrobacter rodentium			0 / 11				0 / 8		0 / 21		0 / 7	
Corynebacterium kitchneri			0 / 11				0 / 8		0 / 21		0 / 7	
Helicobacter spp.			0 / 11				0 / 8		0 / 21		0 / 7	
Helicobacter bilis												0 / 9
Helicobacter hepaticus												0 / 9
Helicobacter rodentium												
Klebsiella spp.			0 / 11				0 / 8		0 / 21		0 / 7	
Pasteurellaceae			0 / 11				0 / 8		0 / 21		0 / 7	
Pasteurella pneumotropica (Heyl)			0 / 11				0 / 8		0 / 21		0 / 7	
Pasteurella pneumotropica (Jawetz)			0 / 11				0 / 8		0 / 21		0 / 7	
Pseudomonas aeruginosa			0 / 11				0 / 8		0 / 21		0 / 7	
Salmonella spp.			0 / 11				0 / 8		0 / 21		0 / 7	
Staphylococcus aureus			0 / 11				0 / 8		0 / 21		0 / 7	1 / 9
Streptococcus moniliformis			0 / 11				0 / 8		0 / 21		0 / 7	
Streptococcus pneumoniae			0 / 11				0 / 8		0 / 21		0 / 7	
B-hemolytic streptococcus			0 / 11				0 / 8		0 / 21		0 / 7	
E. coli												
Yersinia spp.			0 / 11				0 / 8		0 / 21		0 / 7	
Other Bacteria												
Bacteria Notes			None				None				None	
<b>Necropsy</b>												
External Lesions/Abnormalities			0 / 11				0 / 8		0 / 21		0 / 7	
Internal Lesions/Abnormalities			0 / 11				0 / 8		0 / 21		0 / 7	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MHV Mouse hepatitis virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
PVM Pneumonia virus of mice	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
REO Reovirus type 3	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
SEND Sendai virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
EDIM Rota virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MPV Mouse parvo virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MVN Murines Norovirus	22 / 22		14 / 14		21 / 21		9 / 9		24 / 27		15 / 15	
CPIL Clostridium piliforme (Tyzzer)	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MPUL Mycoplasma species			0 / 14				0 / 9				0 / 15	
LCMV Virus der Lympozytären Choriomeningitis	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
HANT Hantaan virus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
ECTRO Ectromelia	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MCMV Zytomegalievirus der Maus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
MAD 1 Mouse adenovirus			0 / 14				0 / 9				0 / 15	
MAD 2 Mouse adenovirus K87 Strain	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
POLY Polyomavirus der Maus	0 / 22		0 / 14		0 / 21		0 / 9		0 / 27		0 / 15	
K Virus			0 / 14				0 / 9				0 / 15	
MTV Mouse Thymic Virus			0 / 14				0 / 9				0 / 15	
CARB CAR bacillus			0 / 14				0 / 9				0 / 15	
ECUN Encephalitozoon cuniculi			0 / 14				0 / 9				0 / 15	
LDEV Lactate Dehydrogenase Elevating Virus			0 / 14				0 / 9				0 / 15	
Prospect Hill Virus (PHV)											0 / 15	
Mycoplasma pulmonis/arthritis	0 / 22				0 / 21				0 / 27		0 / 15	
Pasteurella pneumotropica (Serology)	0 / 22				0 / 21				0 / 27		0 / 15	
Toxoplasma gondii (Serology)	0 / 22				0 / 21				0 / 27		0 / 15	
<b>Parasitology</b>												
INTESTINAL PROTOZOA							0 / 9				3 / 15	
Giardia			0 / 14				0 / 9				0 / 15	
Spiroplasma			0 / 14				0 / 9				0 / 15	
Trichomonas Sp			0 / 14				0 / 9				0 / 15	
Tetratrichomonas Sp			0 / 14				0 / 9				3 / 15	
Entamoeba muris			0 / 14				0 / 9				0 / 15	
Enteromonas Sp			2 / 14				0 / 9				0 / 15	
Chilomastix			0 / 14				0 / 9				0 / 15	
HELMINTHS							0 / 9				0 / 15	
Fecal Ova			0 / 14				0 / 9				0 / 15	
Syphacia obvelata			0 / 14				0 / 9				0 / 15	
Aspiculuris tetraptera			0 / 14				0 / 9				0 / 15	
ARTHROPODS (Ectoparasits)			0 / 14				0 / 9				0 / 15	
Parasite Notes			None				None				None	
<b>Bacteriology</b>												
Bordetella bronchiseptica			0 / 14				0 / 9				0 / 15	
Citrobacter rodentium			0 / 14				0 / 9				0 / 15	
Corynebacterium kitchneri			0 / 14				0 / 9				0 / 15	
Helicobacter spp.			0 / 14				0 / 9				0 / 15	
Helicobacter bilis												0 / 5
Helicobacter hepaticus											0 / 2	
Helicobacter rodentium												0 / 5
Klebsiella spp.			0 / 14				0 / 9				0 / 15	
Pasteurellaceae			0 / 14				0 / 9				0 / 15	
Pasteurella pneumotropica (Heyl)			0 / 14				0 / 9				0 / 15	
Pasteurella pneumotropica (Jawetz)			0 / 14				0 / 9				0 / 15	
Pseudomonas aeruginosa			0 / 14				0 / 9				0 / 15	
Salmonella spp.			0 / 14				0 / 9				0 / 15	
Staphylococcus aureus			0 / 14				0 / 9				0 / 15	
Streptococcus moniliformis			0 / 14				0 / 9				0 / 15	
Streptococcus pneumoniae			0 / 14				0 / 9				0 / 15	
B-hemolytic streptococcus			0 / 14				0 / 9				0 / 15	
E.coli												
Yersinia spp.			0 / 14				0 / 9				0 / 15	
Other Bacteria												
Bacteria Notes			None				None				None	
<b>Necropsy</b>												
External Lesions/Abnormalities			0 / 14				0 / 9				0 / 15	
Internal Lesions/Abnormalities			0 / 14				0 / 9				0 / 15	

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	BioDoc 45-2015-B_21Apr2016 Surrey Diagnostics 16-2015-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MHV Mouse hepatitis virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
PVM Pneumonia virus of mice	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
REO Reovirus type 3	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
SEND Sendai virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
EDIM Rota virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MPV Mouse parvo virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MVN Murines Norovirus	15 / 15	8 / 8	14 / 14	9 / 9	14 / 14	9 / 9	14 / 14	7 / 7	14 / 14	9 / 9	6 / 6	6 / 6
CPIL Clostridium piliforme (Tyzzer)	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MPUL Mycoplasma species		0 / 8		0 / 9		0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
LCMV Virus der Lympozytären Choriomeningitis	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
HANT Hantaan virus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
ECTRO Ectromelia	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MCMV Zytomegalievirus der Maus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
MAD 1 Mouse adenovirus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
MAD 2 Mouse adenovirus K87 Strain	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
POLY Polyomavirus der Maus	0 / 15	0 / 8	0 / 14	0 / 9	0 / 14	0 / 9	0 / 14	0 / 7	0 / 14	0 / 9	0 / 6	0 / 6
K Virus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
MTV Mouse Thymic Virus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
CARB CAR bacillus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
ECUN Encephalitzoon cuniculi		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
LDEV Lactate Dehydrogenase Elevating Virus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	0 / 6
Prospect Hill Virus (PHV)								0 / 7			0 / 6	0 / 6
Mycoplasma pulmonis/arthritis	0 / 15		0 / 14		0 / 14		0 / 14		0 / 14	0 / 9		
Pasteurella pneumotropica (Serology)	0 / 15		0 / 14		0 / 14		0 / 14		0 / 14	0 / 9		
Toxoplasma gondii (Serology)	0 / 15		0 / 14		0 / 14		0 / 14		0 / 14	0 / 9		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 9		0 / 9		0 / 7			3 / 6	
Giardia		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Spiroplasma		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Trichomonas Sp		0 / 8		0 / 9		0 / 9		0 / 7			3 / 6	
Tetratrichomonas Sp		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Entamoeba muris		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Enteromonas Sp		3 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Chilomastix		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
HELMINTHS				0 / 9		0 / 9		0 / 7			0 / 6	
Fecal Ova		2 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Syphacia obvelata		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Aspiculuris tetrapecta		2 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
ARTHROPODS (Ectoparasites)		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Citrobacter rodentium		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Corynebacterium kitchneri		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Helicobacter spp.		3 / 8		0 / 9		3 / 9		0 / 7			6 / 6	
Helicobacter bilis						0 / 3					0 / 6	
Helicobacter hepaticus						0 / 3					6 / 6	
Helicobacter rodentium						0 / 3						
Klebsiella spp.		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Pasteurellaceae		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Pasteurella pneumotropica (Heyl)		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Pasteurella pneumotropica (Jawetz)		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Pseudomonas aeruginosa		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Salmonella spp.		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Staphylococcus aureus		0 / 8		0 / 9		0 / 9		0 / 7			1 / 6	
Streptobacillus moniliformis		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Streptococcus pneumoniae		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
B-hemolytic streptococcus		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
E.coli												
Yersinia spp.		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	
Internal Lesions/Abnormalities		0 / 8		0 / 9		0 / 9		0 / 7			0 / 6	

# AR11

	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MHV Mouse hepatitis virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
PVM Pneumonia virus of mice	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
REO Reovirus type 3	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
SEND Sendai virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
EDIM Rota virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MPV Mouse parvo virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MVN Murines Norovirus	19 / 23	14 / 14	19 / 22	8 / 8	23 / 27	6 / 9	24 / 27	3 / 8	18 / 24	12 / 12	9 / 9	
CPIL Clostridium piliforme (Tyzzer)	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MPUL Mycoplasma species		0 / 14		0 / 8		0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
LCMV Virus der Lymphozytären Choriomeningitis	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
HANT Hantaan virus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
ECTRO Ectromelia	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MCMV Zytomegalievirus der Maus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
MAD 1 Mouse adenovirus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
POLY Polyomavirus der Maus	0 / 23	0 / 14	0 / 22	0 / 8	0 / 27	0 / 9	0 / 27	0 / 8	0 / 24	0 / 12	0 / 9	
K Virus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
MTV Mouse Thymic Virus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
CARB CAR bacillus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
ECUN Encephalitazoon cuniculi		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Prospect Hill Virus (PHV)								0 / 8			0 / 9	
Mycoplasma pulmonis/arthritis	0 / 23		0 / 22		0 / 27		0 / 27		0 / 24	0 / 12		
Pasteurella pneumotropica (Serology)	0 / 23		0 / 22		0 / 27		0 / 27		0 / 24	0 / 12		
Toxoplasma gondii (Serology)	0 / 23		0 / 22		0 / 27		0 / 27		0 / 24	0 / 12		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 8			3 / 9		0 / 8			0 / 9
Giardia		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Spiroplasma		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Trichomonas Sp		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Tetratrichomonas Sp		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Entamoeba muris		6 / 14		0 / 8		3 / 9		0 / 8			0 / 9	
Enteromonas Sp		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Chilomastix		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
HELMINTHS				0 / 8		0 / 9		0 / 8			0 / 9	
Fecal Ova		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Syphacia obvelata		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Aspiculuris tetraptera		0 / 14		0 / 8		3 / 9		0 / 8			0 / 9	
ARTHROPODS (Ectoparasites)		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Citrobacter rodentium		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Corynebacterium kitchneri		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Helicobacter spp.		0 / 14		3 / 8		0 / 9		0 / 8			0 / 9	
Helicobacter bilis											0 / 9	
Helicobacter hepaticus											0 / 9	
Helicobacter rodentium												
Klebsiella spp.		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Pasteurellaceae		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Pasteurella pneumotropica (Heyl)		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Pasteurella pneumotropica (Jawetz)		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Pseudomonas aeruginosa		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Salmonella spp.		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Staphylococcus aureus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Streptococcus moniliformis		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Streptococcus pneumoniae		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
B-hemolytic streptococcus		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
E.coli												
Yersinia spp.		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	
Internal Lesions/Abnormalities		0 / 14		0 / 8		0 / 9		0 / 8			0 / 9	

# AR12

	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MHV Mouse hepatitis virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
PVM Pneumonia virus of mice	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
REO Reovirus type 3	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
SEND Sendai virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
EDIM Rota virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MPV Mouse parvo virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MVN Murines Norovirus	24 / 24	10 / 10	24 / 24	8 / 8	24 / 26	9 / 9	27 / 27	6 / 6	19 / 24	10 / 10	9 / 9	9 / 9
CPIL Clostridium piliforme (Tyzzer)	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MPUL Mycoplasma species		0 / 10		0 / 8		0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
LCMV Virus der Lympozytären Choriomeningitis	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
HANT Hantaan virus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
ECTRO Ectromelia	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MCMV Zytomegalievirus der Maus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
MAD 1 Mouse adenovirus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
MAD 2 Mouse adenovirus K87 Strain	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
POLY Polyomavirus der Maus	0 / 24	0 / 10	0 / 24	0 / 8	0 / 26	0 / 9	0 / 27	0 / 6	0 / 24	0 / 10	0 / 9	0 / 9
K Virus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
MTV Mouse Thymic Virus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
CARB CAR bacillus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
ECUN Encephalitazoon cuniculi		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
LDEV Lactate Dehydrogenase Elevating Virus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Prospect Hill Virus (PHV)								0 / 6				0 / 9
Mycoplasma pulmonis/arthritis	0 / 24		0 / 24		0 / 26		0 / 27		0 / 24	0 / 10		
Pasteurella pneumotropica (Serology)	0 / 24		0 / 24		0 / 26		0 / 27		0 / 24	0 / 10		
Toxoplasma gondii (Serology)	0 / 24		0 / 24		0 / 26		0 / 27		0 / 24	0 / 10		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 8		1 / 9		0 / 6				3 / 9
Giardia		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Spiroplasma		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Trichomonas Sp		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Tetratrichomonas Sp		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Entamoeba muris		0 / 10		0 / 8		1 / 9		0 / 6				0 / 9
Enteromonas Sp		0 / 10		0 / 8		0 / 9		0 / 6				3 / 9
Chilomastix		3 / 10		0 / 8		0 / 9		0 / 6				0 / 9
HELMINTHS				0 / 8		0 / 9		0 / 6				0 / 9
Fecal Ova		3 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Syphacia obvelata		3 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Aspiculuris tetraoptera		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
ARTHROPODS (Ectoparasites)		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Parasite Notes		None		None		None		None				None
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Citrobacter rodentium		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Corynebacterium kitchneri		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Helicobacter spp.		2 / 10		0 / 8		3 / 9		5 / 6				0 / 9
Helicobacter bilis						0 / 3						0 / 9
Helicobacter hepaticus						0 / 3		5 / 5				0 / 9
Helicobacter rodentium						0 / 3						0 / 9
Klebsiella spp.		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Pasteurellaceae		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Pasteurella pneumotropica (Heyl)		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Pasteurella pneumotropica (Jawetz)		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Pseudomonas aeruginosa		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Salmonella spp.		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Staphylococcus aureus		0 / 10		0 / 8		0 / 9		0 / 6				2 / 9
Streptobacillus moniliformis		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Streptococcus pneumoniae		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
B-hemolytic streptococcus		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
E.coli												
Yersinia spp.		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Other Bacteria												
Bacteria Notes		None		None		None		None				None
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9
Internal Lesions/Abnormalities		0 / 10		0 / 8		0 / 9		0 / 6				0 / 9



# AR13

	BioDoc 45-2015-B_21Apr2016 Surrey Diagnostics 16-2015-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014-A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MHV Mouse hepatitis virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
PVM Pneumonia virus of mice	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
REO Reovirus type 3	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
SENDSendai virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
EDIM Rota virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MPV Mouse parvo virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MVN Murines Norovirus	9 / 14	3 / 9	12 / 15	8 / 8	12 / 14	8 / 8	11 / 14	2 / 3	7 / 11	6 / 7	6 / 6	6 / 6
CPIL Clostridium piliforme (Tyzzer)	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MPUL Mycoplasma species		0 / 9		0 / 8		0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
LCMV Virus der Lymphozytären Choriomeningitis	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
HANT Hantaan virus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
ECTRO Ectromelia	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MCMV Zytomegalievirus der Maus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
MAD 1 Mouse adenovirus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
MAD 2 Mouse adenovirus K87 Strain	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
POLY Polyomavirus der Maus	0 / 14	0 / 9	0 / 15	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	0 / 6
K Virus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
MTV Mouse Thymic Virus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
CARB CAR bacillus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
ECUN Encephalitzoon cuniculi		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
LDEV Lactate Dehydrogenase Elevating Virus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Prospect Hill Virus (PHV)				0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Mycoplasma pulmonis/arthritis	0 / 14		0 / 15		0 / 14		0 / 14		0 / 11	0 / 7		
Pasteurella pneumotropica (Serology)	0 / 14		0 / 15		0 / 14		0 / 14		0 / 11	0 / 7		
Toxoplasma gondii (Serology)	0 / 14		0 / 15		0 / 14		0 / 14		0 / 11	0 / 7		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 8		3 / 8		0 / 3			0 / 6	0 / 6
Giardia		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Spiroplasma		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Trichomonas Sp		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Tetratrichomonas Sp		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Entamoeba muris		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Enteromonas Sp		0 / 9		0 / 8		3 / 8		0 / 3			0 / 6	0 / 6
Chilomastix		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
HELMINTHS				0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Fecal Ova		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Syphacia obvelata		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Aspiculuris tetraptera		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
ARTHROPODS (Ectoparasites)		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Parasite Notes		None		None		None		None			None	None
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Citrobacter rodentium		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Corynebacterium kutscheri		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Helicobacter spp.		6 / 9		3 / 8		6 / 8		1 / 3			3 / 6	3 / 6
Helicobacter bilis						0 / 6					0 / 6	0 / 6
Helicobacter hepaticus						6 / 6		1 / 1			0 / 6	0 / 6
Helicobacter rodentium						0 / 6					0 / 6	0 / 6
Klebsiella spp.		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Pasteurellaceae		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Pasteurella pneumotropica (Heyl)		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Pasteurella pneumotropica (Jawetz)		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Pseudomonas aeruginosa		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Salmonella spp.		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Staphylococcus aureus		0 / 9		0 / 8		0 / 8		0 / 3			1 / 6	1 / 6
Streptobacillus moniliformis		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Streptococcus pneumoniae		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
B-hemolytic streptococcus		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
E.coli												
Yersinia spp.		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Other Bacteria												
Bacteria Notes		None		None		None		None			None	None
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6
Internal Lesions/Abnormalities		0 / 9		0 / 8		0 / 8		0 / 3			0 / 6	0 / 6

# AR14

	BioDoc 45-2015-B_21Apr2016 Surrey Diagnostics 16-2015-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MHV Mouse hepatitis virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
PVM Pneumonia virus of mice	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
REO Reovirus type 3	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
SENDSendai virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
EDIM Rota virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MPV Mouse parvo virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MVN Murines Norovirus	0 / 3	3 / 3	0 / 3	8 / 8	12 / 14	8 / 8	11 / 14	2 / 3	7 / 11	6 / 7	6 / 6	
CPIL Clostridium piliforme (Tyzzer)	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MPUL Mycoplasma species		0 / 3		0 / 8		0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
LCMV Virus der Lympozytären Choriomeningitis	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
HANT Hantaan virus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
ECTRO Ectromelia	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MCMV Zytomegalievirus der Maus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
MAD 1 Mouse adenovirus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
MAD 2 Mouse adenovirus K87 Strain	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
POLY Polyomavirus der Maus	0 / 3	0 / 3	0 / 3	0 / 8	0 / 14	0 / 8	0 / 14	0 / 3	0 / 11	0 / 7	0 / 6	
K Virus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
MTV Mouse Thymic Virus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
CARB CAR bacillus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
ECUN Encephalitzoon cuniculi		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Prospect Hill Virus (PHV)				0 / 8		0 / 8		0 / 3			0 / 6	
Mycoplasma pulmonis/arthritis	0 / 3		0 / 3		0 / 14		0 / 14		0 / 11	0 / 7		
Pasteurella pneumotropica (Serology)	0 / 3		0 / 3		0 / 14		0 / 14		0 / 11	0 / 7		
Toxoplasma gondii (Serology)	0 / 3		0 / 3		0 / 14		0 / 14		0 / 11	0 / 7		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 8		3 / 8		0 / 3			0 / 6	
Giardia		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Spiroplasma		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Trichomonas Sp		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Tetratrichomonas Sp		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Entamoeba muris		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Enteromonas Sp		0 / 3		0 / 8		3 / 8		0 / 3			0 / 6	
Chilomastix		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
HELMINTHS				0 / 8		0 / 8		0 / 3			0 / 6	
Fecal Ova		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Syphacia obvelata		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Aspiculuris tetraoptera		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
ARTHROPODS (Ectoparasites)		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Citrobacter rodentium		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Corynebacterium kutscheri		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Helicobacter spp.		0 / 3		3 / 8		6 / 8		1 / 3			3 / 6	
Helicobacter bilis						0 / 6					0 / 6	
Helicobacter hepaticus						6 / 6		1 / 1			0 / 6	
Helicobacter rodentium						0 / 6					0 / 6	
Klebsiella spp.		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Pasteurellaceae		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Pasteurella pneumotropica (Heyl)		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Pasteurella pneumotropica (Jawetz)		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Pseudomonas aeruginosa		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Salmonella spp.		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Staphylococcus aureus		0 / 3		0 / 8		0 / 8		0 / 3			1 / 6	
Streptobacillus moniliformis		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Streptococcus pneumoniae		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
B-hemolytic streptococcus		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
E.coli												
Yersinia spp.		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	
Internal Lesions/Abnormalities		0 / 3		0 / 8		0 / 8		0 / 3			0 / 6	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MHV Mouse hepatitis virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
PVM Pneumonia virus of mice	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
REO Reovirus type 3	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
SENDSendai virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
EDIM Rota virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MPV Mouse parvo virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MVN Murines Norovirus	3 / 19	5 / 16	3 / 24	11 / 17	3 / 24	3 / 15	6 / 26	6 / 11	0 / 27	6 / 15	9 / 11	0 / 11
CPIL Clostridium piliforme (Tyzzer)	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MPUL Mycoplasma species		0 / 16		0 / 17		0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
LCMV Virus der Lympozytären Choriomeningitis	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
HANT Hantaan virus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
ECTRO Ectromelia	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MCMV Zytomegalievirus der Maus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
MAD 1 Mouse adenovirus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
MAD 2 Mouse adenovirus K87 Strain	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
POLY Polyomavirus der Maus	0 / 19	0 / 16	0 / 24	0 / 17	0 / 24	0 / 15	0 / 26	0 / 11	0 / 27	0 / 15	0 / 11	0 / 11
K Virus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
MTV Mouse Thymic Virus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
CARB CAR bacillus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
ECUN Encephalitozoon cuniculi		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
LDEV Lactate Dehydrogenase Elevating Virus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Prospect Hill Virus (PHV)								0 / 11				0 / 11
Mycoplasma pulmonis/arthritis	0 / 19		0 / 24		0 / 24		0 / 26		0 / 27	0 / 15		
Pasteurella pneumotropica (Serology)	0 / 19		0 / 24		0 / 24		0 / 26		0 / 27	0 / 15		
Toxoplasma gondii (Serology)	0 / 19		0 / 24		0 / 24		0 / 26		0 / 27	0 / 15		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 17		0 / 15		0 / 11				0 / 11
Giardia		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Spiroplasma		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Trichomonas Sp		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Tetratrichomonas Sp		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Entamoeba muris		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Enteromonas Sp		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Chilomastix		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
HELMINTHS				0 / 17		0 / 15		0 / 11				0 / 11
Fecal Ova		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Syphacia obvelata		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Aspiculuris tetraoptera		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
ARTHROPODS (Ectoparasites)		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Parasite Notes		None		None		None		None				None
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Citrobacter rodentium		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Corynebacterium kitchneri		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Helicobacter spp.		2 / 16		9 / 17		6 / 15		8 / 11				2 / 11
Helicobacter bilis						0 / 6						0 / 11
Helicobacter hepaticus						6 / 6		8 / 8				2 / 11
Helicobacter rodentium						0 / 6						0 / 11
Klebsiella spp.		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Pasteurellaceae		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Pasteurella pneumotropica (Heyl)		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Pasteurella pneumotropica (Jawetz)		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Pseudomonas aeruginosa		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Salmonella spp.		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Staphylococcus aureus		0 / 16		0 / 17		0 / 15		0 / 11				3 / 11
Streptobacillus moniliformis		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Streptococcus pneumoniae		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
B-hemolytic streptococcus		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
E.coli												
Yersinia spp.		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Other Bacteria												
Bacteria Notes		None		None		None		None				None
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11
Internal Lesions/Abnormalities		0 / 16		0 / 17		0 / 15		0 / 11				0 / 11

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MHV Mouse hepatitis virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
PVM Pneumonia virus of mice	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
REO Reovirus type 3	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
SEND Sendai virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
EDIM Rota virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MPV Mouse parvo virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MVN Murines Norovirus	3 / 21	9 / 14	15 / 18	6 / 9	15 / 24	9 / 12	3 / 21	5 / 10	0 / 14	9 / 9	3 / 3	
CPIL Clostridium piliforme (Tyzzer)	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MPUL Mycoplasma species		0 / 14		0 / 9		0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
LCMV Virus der Lympozytären Choriomeningitis	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
HANT Hantaan virus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
ECTRO Ectromelia	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MCMV Zytomegalievirus der Maus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
MAD 1 Mouse adenovirus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
MAD 2 Mouse adenovirus K87 Strain	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
POLY Polyomavirus der Maus	0 / 21	0 / 14	0 / 18	0 / 9	0 / 24	0 / 12	0 / 21	0 / 10	0 / 14	0 / 9	0 / 3	
K Virus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
MTV Mouse Thymic Virus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
CARB CAR bacillus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
ECUN Encephalitozoon cuniculi		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Prospect Hill Virus (PHV)								0 / 10			0 / 3	
Mycoplasma pulmonis/arthritis	0 / 21		0 / 18		0 / 24		0 / 21		0 / 14	0 / 9		
Pasteurella pneumotropica (Serology)	0 / 21		0 / 18		0 / 24		0 / 21		0 / 14	0 / 9		
Toxoplasma gondii (Serology)	0 / 21		0 / 18		0 / 24		0 / 21		0 / 14	0 / 9		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 9		0 / 12		0 / 10			0 / 3	
Giardia		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Spiroplasma		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Trichomonas Sp		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Tetratrichomonas Sp		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Entamoeba muris		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Enteromonas Sp		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Chilomastix		3 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
HELMINTHS				0 / 9		0 / 12		0 / 10			0 / 3	
Fecal Ova		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Syphacia obvelata		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Aspiculuris tetraptera		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
ARTHROPODS (Ectoparasites)		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Citrobacter rodentium		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Corynebacterium kitchneri		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Helicobacter spp.		0 / 14		3 / 9		0 / 12		5 / 10			0 / 3	
Helicobacter bilis											0 / 3	
Helicobacter hepaticus								5 / 5			0 / 3	
Helicobacter rodentium											0 / 3	
Klebsiella spp.		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Pasteurellaceae		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Pasteurella pneumotropica (Heyl)		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Pasteurella pneumotropica (Jawetz)		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Pseudomonas aeruginosa		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Salmonella spp.		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Staphylococcus aureus		0 / 14		0 / 9		0 / 12		0 / 10			2 / 3	
Streptococcus moniliformis		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Streptococcus pneumoniae		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
B-hemolytic streptococcus		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
E.coli												
Yersinia spp.		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	
Internal Lesions/Abnormalities		0 / 14		0 / 9		0 / 12		0 / 10			0 / 3	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014-A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MHV Mouse hepatitis virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
PVM Pneumonia virus of mice	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
REO Reovirus type 3	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
SENDSendai virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
EDIM Rota virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MPV Mouse parvo virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MVN Murines Norovirus	6 / 8	6 / 6	6 / 12	5 / 9	5 / 9	6 / 6	9 / 11	6 / 6	6 / 12	11 / 11	9 / 9	
CPIL Clostridium piliforme (Tyzzer)	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MPUL Mycoplasma species		0 / 6		0 / 9		0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
LCMV Virus der Lympozytären Choriomeningitis	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
HANT Hantaan virus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
ECTRO Ectromelia	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MCMV Zytomegalievirus der Maus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
MAD 1 Mouse adenovirus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
POLY Polyomavirus der Maus	0 / 8	0 / 6	0 / 12	0 / 9	0 / 9	0 / 6	0 / 11	0 / 6	0 / 12	0 / 11	0 / 9	
K Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
MTV Mouse Thymic Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
CARB CAR bacillus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
ECUN Encephalitzoon cuniculi		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Prospect Hill Virus (PHV)								0 / 6			0 / 9	
Mycoplasma pulmonis/arthritis	0 / 8		0 / 12		0 / 9		0 / 11		0 / 12	0 / 11		
Pasteurella pneumotropica (Serology)	0 / 8		0 / 12		0 / 9		0 / 11		0 / 12	0 / 11		
Toxoplasma gondii (Serology)	0 / 8		0 / 12		0 / 9		0 / 11		0 / 12	0 / 11		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 9		0 / 6		0 / 9			3 / 9	
Giardia		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Spiroplasma		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Trichomonas Sp		0 / 6		0 / 9		0 / 6		0 / 6			3 / 9	
Tetratrichomonas Sp		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Entamoeba muris		0 / 6		0 / 9		0 / 6		0 / 6			3 / 9	
Enteromonas Sp		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Chilomastix		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
HELMINTHS				0 / 9		0 / 6		0 / 6			0 / 9	
Fecal Ova		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Syphacia obvelata		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Aspiculuris tetraptera		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
ARTHROPODS (Ectoparasites)		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Citrobacter rodentium		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Corynebacterium kitchneri		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Helicobacter spp.		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Helicobacter bilis											0 / 9	
Helicobacter hepaticus											0 / 9	
Helicobacter rodentium											0 / 9	
Klebsiella spp.		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Pasteurellaceae		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Pasteurella pneumotropica (Heyl)		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Pasteurella pneumotropica (Jawetz)		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Pseudomonas aeruginosa		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Salmonella spp.		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Staphylococcus aureus		0 / 6		0 / 9		0 / 6		0 / 6			2 / 9	
Streptobacillus moniliformis		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Streptococcus pneumoniae		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
B-hemolytic streptococcus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
E.coli												
Yersinia spp.		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	
Internal Lesions/Abnormalities		0 / 6		0 / 9		0 / 6		0 / 6			0 / 9	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MHV Mouse hepatitis virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
PVM Pneumonia virus of mice	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
REO Reovirus type 3	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
SEND Sendai virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
EDIM Rota virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MPV Mouse parvo virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MVN Murines Norovirus	4 / 21		12 / 12		17 / 21	6 / 8	18 / 24	12 / 12	18 / 21	2 / 8	15 / 24	8 / 8
CPIL Clostridium piliforme (Tyzzer)	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MPUL Mycoplasma species			0 / 12		0 / 8		0 / 12	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
LCMV Virus der Lympozytären Choriomeningitis	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
HANT Hantaan virus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
ECTRO Ectromelia	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MCMV Zytomegalievirus der Maus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
MAD 1 Mouse adenovirus			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
MAD 2 Mouse adenovirus K87 Strain	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
POLY Polyomavirus der Maus	0 / 21		0 / 12		0 / 21	0 / 8	0 / 24	0 / 12	0 / 21	0 / 8	0 / 24	0 / 8
K Virus			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
MTV Mouse Thymic Virus			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
CARB CAR bacillus			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
ECUN Encephalitozoon cuniculi			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
LDEV Lactate Dehydrogenase Elevating Virus			0 / 12		0 / 8		0 / 12		0 / 8			0 / 8
Prospect Hill Virus (PHV)									0 / 8			0 / 8
Mycoplasma pulmonis/arthritis	0 / 21				0 / 21		0 / 24		0 / 21		0 / 24	0 / 8
Pasteurella pneumotropica (Serology)	0 / 21				3 / 21		0 / 24		0 / 21		0 / 24	0 / 8
Toxoplasma gondii (Serology)	0 / 21				0 / 21		0 / 24		0 / 21		0 / 24	0 / 8
<b>Parasitology</b>												
INTESTINAL PROTOZOA						0 / 8		0 / 12			0 / 8	0 / 8
Giardia			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Spiroplasma			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Trichomonas Sp			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Tetratrichomonas Sp			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Entamoeba muris			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Enteromonas Sp			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Chilomastix			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
HELMINTHS					0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Fecal Ova			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Syphacia obvelata			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Aspiculuris tetraoptera			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
ARTHROPODS (Ectoparasites)			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Parasite Notes			None		None		None		None		None	None
<b>Bacteriology</b>												
Bordetella bronchiseptica			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Citrobacter rodentium			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Corynebacterium kitchneri			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Helicobacter spp.			6 / 12		0 / 8		0 / 12		5 / 8		0 / 8	0 / 8
Helicobacter bilis												0 / 8
Helicobacter hepaticus									2 / 5			0 / 8
Helicobacter rodentium									3 / 3			
Klebsiella spp.			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Pasteurellaceae			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Pasteurella pneumotropica (Heyl)			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Pasteurella pneumotropica (Jawetz)			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Pseudomonas aeruginosa			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Salmonella spp.			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Staphylococcus aureus			0 / 12		0 / 8		0 / 12		3 / 8		3 / 8	3 / 8
Streptobacillus moniliformis			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Streptococcus pneumoniae			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
B-hemolytic streptococcus			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
E.coli												
Yersinia spp.			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Other Bacteria												
Bacteria Notes			None		None		None		None		None	None
<b>Necropsy</b>												
External Lesions/Abnormalities			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8
Internal Lesions/Abnormalities			0 / 12		0 / 8		0 / 12		0 / 8		0 / 8	0 / 8

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MHV Mouse hepatitis virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
PVM Pneumonia virus of mice	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
REO Reovirus type 3	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
SENDSendai virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
EDIM Rota virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MPV Mouse parvo virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MVN Murines Norovirus	3 / 9	6 / 6	8 / 11	5 / 9	9 / 9	6 / 6	6 / 12	6 / 6	6 / 12	8 / 8	3 / 3	
CPIL Clostridium piliforme (Tyzzer)	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MPUL Mycoplasma species		0 / 6		0 / 9		0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
LCMV Virus der Lympozytären Choriomeningitis	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
HANT Hantaan virus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
ECTRO Ectromelia	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MCMV Zytomegalievirus der Maus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
MAD 1 Mouse adenovirus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
MAD 2 Mouse adenovirus K87 Strain	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
POLY Polyomavirus der Maus	0 / 9	0 / 6	0 / 11	0 / 9	0 / 9	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 3	
K Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
MTV Mouse Thymic Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
CARB CAR bacillus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
ECUN Encephalitazoon cuniculi		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 6		0 / 9		0 / 6		0 / 6			0 / 3	
Prospect Hill Virus (PHV)								0 / 6			0 / 3	
Mycoplasma pulmonis/arthritis	0 / 9		0 / 11		0 / 9		0 / 12		0 / 12	0 / 8		
Pasteurella pneumotropica (Serology)	0 / 9		0 / 11		0 / 9		0 / 12		0 / 12	0 / 8		
Toxoplasma gondii (Serology)	0 / 9		0 / 11		0 / 9		0 / 12		0 / 12	0 / 8		
<b>Parasitology</b>												
<b>INTESTINAL PROTOZOA</b>				0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Giardia		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Spiroplasma		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Trichomonas Sp		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Tetratrichomonas Sp		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Entamoeba muris		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Enteromonas Sp		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Chilomastix		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
<b>HELMINTHS</b>				0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Fecal Ova		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Syphacia obvelata		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Aspiculuris tetraptera		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
<b>ARTHROPODS (Ectoparasites)</b>		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Parasite Notes		None		None		None		None		None		None
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Citrobacter rodentium		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Corynebacterium kitchneri		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Helicobacter spp.		0 / 6		6 / 9		0 / 6		3 / 6				0 / 3
Helicobacter bilis												0 / 3
Helicobacter hepaticus								3 / 3				0 / 3
Helicobacter rodentium												
Klebsiella spp.		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Pasteurellaceae		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Pasteurella pneumotropica (Heyl)		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Pasteurella pneumotropica (Jawetz)		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Pseudomonas aeruginosa		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Salmonella spp.		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Staphylococcus aureus		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Streptococcus moniliformis		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Streptococcus pneumoniae		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
B-hemolytic streptococcus		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
E.coli												
Yersinia spp.		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Other Bacteria												
Bacteria Notes		None		None		None		None		None		None
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3
Internal Lesions/Abnormalities		0 / 6		0 / 9		0 / 6		0 / 6		0 / 6		0 / 3

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MHV Mouse hepatitis virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
PVM Pneumonia virus of mice	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
REO Reovirus type 3	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
SENDSendai virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
EDIM Rota virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MPV Mouse parvo virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MVN Murines Norovirus	6 / 9	3 / 6	5 / 5	3 / 4	6 / 6	3 / 3	9 / 9	2 / 2	0 / 9	6 / 6	0 / 3	
CPIL Clostridium piliforme (Tyzzer)	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MPUL Mycoplasma species		0 / 6		0 / 4		0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
LCMV Virus der Lympozytären Choriomeningitis	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
HANT Hantaan virus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
ECTRO Ectromelia	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MCMV Zytomegalievirus der Maus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
MAD 1 Mouse adenovirus		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
MAD 2 Mouse adenovirus K87 Strain	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
POLY Polyomavirus der Maus	0 / 9	0 / 6	0 / 5	0 / 4	0 / 6	0 / 3	0 / 9	0 / 2	0 / 9	0 / 6	0 / 3	
K Virus		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
MTV Mouse Thymic Virus		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
CARB CAR bacillus		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
ECUN Encephalitazoon cuniculi		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 6		0 / 4		0 / 3		0 / 2			0 / 3	
Prospect Hill Virus (PHV)								0 / 2				0 / 3
Mycoplasma pulmonis/arthritis	0 / 9		0 / 5		0 / 6		0 / 9		0 / 9	0 / 6		
Pasteurella pneumotropica (Serology)	0 / 9		0 / 5		0 / 6		0 / 9		0 / 9	0 / 6		
Toxoplasma gondii (Serology)	0 / 9		0 / 5		0 / 6		0 / 9		0 / 9	0 / 6		
<b>Parasitology</b>												
<b>INTESTINAL PROTOZOA</b>				0 / 4		0 / 3		0 / 2				0 / 3
Giardia		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Spiroplasma		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Trichomonas Sp		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Tetratrichomonas Sp		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Entamoeba muris		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Enteromonas Sp		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Chilomastix		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
<b>HELMINTHS</b>				0 / 4		0 / 3		0 / 2				0 / 3
Fecal Ova		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Syphacia obvelata		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Aspiculuris tetraptera		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
<b>ARTHROPODS (Ectoparasits)</b>		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Parasite Notes		None		None		None		None				None
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Citrobacter rodentium		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Corynebacterium kitchneri		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Helicobacter spp.		0 / 6		4 / 4		0 / 3		0 / 2				0 / 3
Helicobacter bilis												0 / 3
Helicobacter hepaticus												0 / 3
Helicobacter rodentium												
Klebsiella spp.		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Pasteurellaceae		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Pasteurella pneumotropica (Heyl)		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Pasteurella pneumotropica (Jawetz)		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Pseudomonas aeruginosa		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Salmonella spp.		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Staphylococcus aureus		0 / 6		0 / 4		0 / 3		0 / 2				1 / 3
Streptococcus moniliformis		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Streptococcus pneumoniae		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
B-hemolytic streptococcus		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
E.coli												
Yersinia spp.		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Other Bacteria												
Bacteria Notes		None		None		None		None				None
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3
Internal Lesions/Abnormalities		0 / 6		0 / 4		0 / 3		0 / 2				0 / 3



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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MHV Mouse hepatitis virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
PVM Pneumonia virus of mice	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
REO Reovirus type 3	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
SEND Sendai virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
EDIM Rota virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MPV Mouse parvo virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MVN Murines Norovirus	17 / 27	14 / 14	19 / 24	6 / 12	27 / 27	11 / 11	27 / 27	4 / 5	27 / 33	10 / 10	9 / 9	
CPIL Clostridium piliforme (Tyzzer)	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MPUL Mycoplasma species		0 / 14		0 / 12		0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
LCMV Virus der Lympozytären Choriomeningitis	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
HANT Hantaan virus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
ECTRO Ectromelia	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MCMV Zytomegalievirus der Maus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
MAD 1 Mouse adenovirus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
POLY Polyomavirus der Maus	0 / 27	0 / 14	0 / 24	0 / 12	0 / 27	0 / 11	0 / 27	0 / 5	0 / 33	0 / 10	0 / 9	
K Virus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
MTV Mouse Thymic Virus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
CARB CAR bacillus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
ECUN Encephalitazoon cuniculi		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Prospect Hill Virus (PHV)								0 / 5			0 / 9	
Mycoplasma pulmonis/arthritis	0 / 27		0 / 24		0 / 27		0 / 27		0 / 33	0 / 10		
Pasteurella pneumotropica (Serology)	0 / 27		0 / 24		0 / 27		0 / 27		0 / 33	0 / 10		
Toxoplasma gondii (Serology)	0 / 27		0 / 24		0 / 27		0 / 27		0 / 33	0 / 10		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 12		0 / 11		0 / 5			0 / 9	
Giardia		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Spiroplasma		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Trichomonas Sp		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Tetratrichomonas Sp		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Entamoeba muris		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Enteromonas Sp		3 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Chilomastix		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
HELMINTHS				0 / 12		0 / 11		0 / 5			0 / 9	
Fecal Ova		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Syphacia obvelata		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Aspiculuris tetraptera		0 / 14		3 / 12		0 / 11		0 / 5			0 / 9	
ARTHROPODS (Ectoparasits)		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Citrobacter rodentium		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Corynebacterium kitchneri		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Helicobacter spp.		0 / 14		6 / 12		0 / 11		0 / 5			0 / 9	
Helicobacter bilis											0 / 9	
Helicobacter hepaticus											0 / 9	
Helicobacter rodentium											0 / 9	
Klebsiella spp.		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Pasteurellaceae		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Pasteurella pneumotropica (Heyl)		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Pasteurella pneumotropica (Jawetz)		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Pseudomonas aeruginosa		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Salmonella spp.		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Staphylococcus aureus		0 / 14		0 / 12		0 / 11		0 / 5			1 / 9	
Streptococcus moniliformis		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Streptococcus pneumoniae		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
B-hemolytic streptococcus		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
E.coli												
Yersinia spp.		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	
Internal Lesions/Abnormalities		0 / 14		0 / 12		0 / 11		0 / 5			0 / 9	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_21Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MHV Mouse hepatitis virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
PVM Pneumonia virus of mice	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
REO Reovirus type 3	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
SENDSendai virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
EDIM Rota virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MPV Mouse parvo virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MVN Murines Norovirus	15 / 18	6 / 6	9 / 12	1 / 6	12 / 12	6 / 8	21 / 21	3 / 8	10 / 18	12 / 12	6 / 6	
CPIL Clostridium piliforme (Tyzzer)	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MPUL Mycoplasma species		0 / 6		0 / 6		0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
LCMV Virus der Lympozytären Choriomeningitis	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
HANT Hantaan virus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
ECTRO Ectromelia	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MCMV Zytomegalievirus der Maus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
MAD 1 Mouse adenovirus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
MAD 2 Mouse adenovirus K87 Strain	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
POLY Polyomavirus der Maus	0 / 18	0 / 6	0 / 12	0 / 6	0 / 12	0 / 8	0 / 21	0 / 8	0 / 18	0 / 12	0 / 6	
K Virus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
MTV Mouse Thymic Virus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
CARB CAR bacillus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
ECUN Encephalitazoon cuniculi		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
LDEV Lactate Dehydrogenase Elevating Virus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Prospect Hill Virus (PHV)								0 / 8			0 / 6	
Mycoplasma pulmonis/arthritis	0 / 18		0 / 12		0 / 12		0 / 21		0 / 18	0 / 12		
Pasteurella pneumotropica (Serology)	0 / 18		0 / 12		0 / 12		0 / 21		0 / 18	0 / 12		
Toxoplasma gondii (Serology)	0 / 18		0 / 12		0 / 12		0 / 21		0 / 18	0 / 12		
<b>Parasitology</b>												
INTESTINAL PROTOZOA				0 / 6		0 / 8		0 / 8			0 / 6	
Giardia		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Spirotrichomonas		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Trichomonas Sp		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Tetratrichomonas Sp		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Entamoeba muris		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Enteromonas Sp		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Chilomastix		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
HELMINTHS				0 / 6		0 / 8		0 / 8			0 / 6	
Fecal Ova		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Syphacia obvelata		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Aspiculuris tetraptera		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
ARTHROPODS (Ectoparasites)		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Parasite Notes		None		None		None		None			None	
<b>Bacteriology</b>												
Bordetella bronchiseptica		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Citrobacter rodentium		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Corynebacterium kitchneri		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Helicobacter spp.		0 / 6		3 / 6		3 / 8		6 / 8			3 / 6	
Helicobacter bilis						0 / 3					0 / 6	
Helicobacter hepaticus						3 / 3		3 / 6			0 / 6	
Helicobacter rodentium						0 / 3						
Klebsiella spp.		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Pasteurellaceae		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Pasteurella pneumotropica (Heyl)		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Pasteurella pneumotropica (Jawetz)		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Pseudomonas aeruginosa		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Salmonella spp.		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Staphylococcus aureus		0 / 6		0 / 6		0 / 8		0 / 8			1 / 6	
Streptobacillus moniliformis		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Streptococcus pneumoniae		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
B-hemolytic streptococcus		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
E.coli												
Yersinia spp.		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Other Bacteria												
Bacteria Notes		None		None		None		None			None	
<b>Necropsy</b>												
External Lesions/Abnormalities		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	
Internal Lesions/Abnormalities		0 / 6		0 / 6		0 / 8		0 / 8			0 / 6	

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013										
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.									
<b>Serology</b>																					
MVM Minute virus of mice	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MHV Mouse hepatitis virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
PVM Pneumonia virus of mice	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
REO Reovirus type 3	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
SEND Sendai virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
EDIM Rota virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MPV Mouse parvo virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MVN Murines Norovirus	15 / 24		3 / 10		21 / 24		6 / 9		24 / 27		8 / 8		18 / 26		7 / 7		3 / 27		11 / 11		9 / 12
CPIL Clostridium piliforme (Tyzzer)	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MPUL Mycoplasma species			0 / 10				0 / 9				0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
LCMV Virus der Lympozytären Choriomeningitis	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
HANT Hantaan virus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
ECTRO Ectromelia	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MCMV Zytomegalievirus der Maus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
MAD 1 Mouse adenovirus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
MAD 2 Mouse adenovirus K87 Strain	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
POLY Polyomavirus der Maus	0 / 24		0 / 10		0 / 24		0 / 9		0 / 27		0 / 8		0 / 26		0 / 7		0 / 27		0 / 11		0 / 12
K Virus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
MTV Mouse Thymic Virus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
CARB CAR bacillus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
ECUN Encephalitozoon cuniculi			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
LDEV Lactate Dehydrogenase Elevating Virus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Prospect Hill Virus (PHV)															0 / 7						0 / 12
Mycoplasma pulmonis/arthritis	0 / 24				0 / 24				0 / 27				0 / 26				0 / 27		0 / 11		
Pasteurella pneumotropica (Serology)	0 / 24				0 / 24				0 / 27				0 / 26				0 / 27		0 / 11		
Toxoplasma gondii (Serology)	0 / 24				0 / 24				0 / 27				0 / 26				0 / 27		0 / 11		
<b>Parasitology</b>																					
INTESTINAL PROTOZOA							0 / 9				0 / 8				0 / 7						0 / 12
Giardia			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Spironucleus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Trichomonas Sp			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Tetratrichomonas Sp			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Entamoeba muris			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Enteromonas Sp			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Chilomastix			3 / 10				0 / 9				0 / 8				0 / 7						0 / 12
HELMINTHS							0 / 9				0 / 8				0 / 7						0 / 12
Fecal Ova			2 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Syphacia obvelata			2 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Aspiculuris tetraptera			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
ARTHROPODS (Ectoparasites)			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Parasite Notes			None				None				None				None						None
<b>Bacteriology</b>																					
Bordetella bronchiseptica			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Citrobacter rodentium			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Corynebacterium kitchneri			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Helicobacter spp.			0 / 10				0 / 9				2 / 8				0 / 7						0 / 12
Helicobacter bilis							0 / 9				0 / 2										0 / 12
Helicobacter hepaticus							0 / 9				2 / 2										0 / 12
Helicobacter rodentium							0 / 9				0 / 2										0 / 12
Klebsiella spp.			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Pasteurellaceae			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Pasteurella pneumotropica (Heyl)			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Pasteurella pneumotropica (Jawetz)			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Pseudomonas aeruginosa			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Salmonella spp.			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Staphylococcus aureus			0 / 10				0 / 9				0 / 8				0 / 7						2 / 12
Streptobacillus moniliformis			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Streptococcus pneumoniae			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
B-hemolytic streptococcus			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
E.coli																					
Yersinia spp.			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Other Bacteria																					
Bacteria Notes			None				None				None				None						None
<b>Necropsy</b>																					
External Lesions/Abnormalities			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12
Internal Lesions/Abnormalities			0 / 10				0 / 9				0 / 8				0 / 7						0 / 12

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	BioDoc 45-2016-B_21Apr2016 Surrey Diagnostics 16-2016-A_5Feb2016		BioDoc 16-2015-A_30Sep2015 Surrey Diagnostics 46-2014-B_16Jun2015		BioDoc 46-2014-B_24Mar2015 Surrey Diagnostics 21-2014_A_12Feb15		BioDoc 21-2014-A_13Oct2014 Surrey Diagnostics 50-2013-B_16Aug14		BioDoc 50-2013-B_19May2014		BioDoc 16-2013-A_10Dec2013 Surrey Diagnostics 16-2013-A_20Oct2013	
Microbiological panel / IMP IMBA animal facility:	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.	pos	No.
<b>Serology</b>												
MVM Minute virus of mice	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MHV Mouse hepatitis virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
PVM Pneumonia virus of mice	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
REO Reovirus type 3	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
GDVII TMEV Theiler's murine encephalomyelitis virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
SENDSendai virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
EDIM Rota virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MPV Mouse parvo virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MVN Murines Norovirus	16 / 26		14 / 14		21 / 27		9 / 11		12 / 30		6 / 9	
CPIL Clostridium piliforme (Tyzzer)	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MPUL Mycoplasma species			0 / 14				0 / 11				0 / 9	
LCMV Virus der Lymphozytären Choriomeningitis	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
HANT Hantaan virus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
ECTRO Ectromelia	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MCMV Zytomegalievirus der Maus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
MAD 1Mouse adenovirus			0 / 14				0 / 11				0 / 9	
MAD 2 Mouse adenovirus K87 Strain	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
POLY Polyomavirus der Maus	0 / 26		0 / 14		0 / 27		0 / 11		0 / 30		0 / 9	
K Virus			0 / 14				0 / 11				0 / 9	
MTV Mouse Thymic Virus			0 / 14				0 / 11				0 / 9	
CARB CAR bacillus			0 / 14				0 / 11				0 / 9	
ECUN Encephalitazoon cuniculi			0 / 14				0 / 11				0 / 9	
LDEV Lactate Dehydrogenase Elevating Virus			0 / 14				0 / 11				0 / 9	
Prospect Hill Virus (PHV)											0 / 9	
Mycoplasma pulmonis/arthritis	0 / 26				0 / 27				0 / 30		0 / 9	
Pasteurella pneumotropica (Serology)	0 / 26				0 / 27				0 / 30		0 / 9	
Toxoplasma gondii (Serology)	0 / 26				0 / 27				0 / 30		0 / 9	
<b>Parasitology</b>												
INTESTINAL PROTOZOA							0 / 11				3 / 9	
Giardia			0 / 14				0 / 11				0 / 9	
Spiroplasma			0 / 14				0 / 11				0 / 9	
Trichomonas Sp			0 / 14				0 / 11				0 / 9	
Tetratrichomonas Sp			0 / 14				0 / 11				0 / 9	
Entamoeba muris			0 / 14				0 / 11				0 / 9	
Enteromonas Sp			0 / 14				0 / 11				2 / 9	
Chilomastix			0 / 14				0 / 11				1 / 9	
HELMINTHS							0 / 11				0 / 9	
Fecal Ova			0 / 14				0 / 11				0 / 9	
Syphacia obvelata			3 / 14				0 / 11				0 / 9	
Aspiculuris tetraoptera			0 / 14				0 / 11				0 / 9	
ARTHROPODS (Ectoparasites)			0 / 14				0 / 11				0 / 9	
Parasite Notes			None				None				None	
<b>Bacteriology</b>												
Bordetella bronchiseptica			0 / 14				0 / 11				0 / 9	
Citrobacter rodentium			0 / 14				0 / 11				0 / 9	
Corynebacterium kitchneri			0 / 14				0 / 11				0 / 9	
Helicobacter spp.			0 / 14				2 / 11				0 / 9	
Helicobacter bilis												0 / 9
Helicobacter hepaticus											3 / 3	
Helicobacter rodentium												3 / 9
Klebsiella spp.			0 / 14				0 / 11				0 / 9	
Pasteurellaceae			0 / 14				0 / 11				0 / 9	
Pasteurella pneumotropica (Heyl)			0 / 14				0 / 11				0 / 9	
Pasteurella pneumotropica (Jawetz)			0 / 14				0 / 11				0 / 9	
Pseudomonas aeruginosa			0 / 14				0 / 11				0 / 9	
Salmonella spp.			0 / 14				0 / 11				0 / 9	
Staphylococcus aureus			0 / 14				0 / 11				0 / 9	
Streptococcus moniliformis			0 / 14				0 / 11				0 / 9	
Streptococcus pneumoniae			0 / 14				0 / 11				0 / 9	
B-hemolytic streptococcus			0 / 14				0 / 11				0 / 9	
E.coli												
Yersinia spp.			0 / 14				0 / 11				0 / 9	
Other Bacteria												
Bacteria Notes			None				None				None	
<b>Necropsy</b>												
External Lesions/Abnormalities			0 / 14				0 / 11				0 / 9	
Internal Lesions/Abnormalities			0 / 14				0 / 11				0 / 9	