

**RADS HEALTH MONITORING REPORT (October 2013)**

Species: MICE

Agents	Area	A11	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup> CrIj:CD1-Foxn1 <sup>nu</sup> <sup>3</sup>	C57BL/6NcrIcrIj DBA/2NcrIcrIj <sup>3</sup> JAX <sup>®</sup> Mice Strain CBA/J <sup>3</sup> B6D2F1/CrIj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J CrIj:CD1(ICR) <sup>3</sup> NC/NgaTndCrIj <sup>3</sup>
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 18
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Staphylococcus aureus</i> <sup>2</sup>	Culture	0/8	-	-
β - Hemolytic <i>Streptococcus</i> spp. <sup>2</sup>	Culture	0/8	-	-
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8	0/8

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on nu/+ mice

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日本チャールス・リバー株式会社  
代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrIcrIj DBA/2NCrIcrIj <sup>3</sup> CD2F1/CrIj <sup>3</sup>	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J JAX <sup>®</sup> Mice Strain NOD/ShiLtJ <sup>3</sup>
	Test period Technique	October 24 - November 15	October 24 - November 14	October 24 - November 14
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Staphylococcus aureus</i> <sup>2</sup>	Culture	-	0/8	-
β - Hemolytic <i>Streptococcus</i> spp. <sup>2</sup>	Culture	-	0/8	-
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8	0/8

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on nu/+ mice

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日本チャールス・リバー株式会社  
代表取締役社長 小林 功

**RADS HEALTH MONITORING REPORT (October 2013)**

Printed date: February 26, 2014

Location: Atsugi Breeding Center

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrIcrIj	ZDF- <i>Lepr<sup>fa</sup></i> /CrIcrIj <sup>4</sup> CrIj:ZUC- <i>Lepr<sup>fa</sup></i>	CrI:CD(SD)
	Test period Technique	October 24 - November 14	October 24 - November 15	October 24 - November 14
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>3</sup>	PCR/MFIA	0/8	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

- Remarks : 1: Serology on immunocompetent animals from each colony  
 2: Not considered as specific pathogens for immunocompetent strains  
 3: Not included in the Specific Pathogen Free (SPF) lists  
 4: Not tested strains or stocks; monitoring on parents or other strains in the area

日本チャールス・リバー株式会社  
 代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Hino Breeding Center

Species: MICE

Agents	Area	H12	H22	H23
	Strains & Stocks	Crj:CD1(ICR) C57BL/6NCrjCrj <sup>3</sup> C3H/HeNCrjCrj <sup>3</sup> B6C3F1/Crj <sup>3</sup>	Crj:CD1(ICR) <sup>3</sup> C57BL/6NCrj C3H/HeNCrj <sup>3</sup> DBA/2NCrj <sup>3</sup> B6C3F1/Crj <sup>3</sup>	BALB/cAnNCrjCrj DBA/1JNCrj <sup>3</sup>
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 14
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Not tested strains or stocks; monitoring on parents or other strains in the area

日本チャールス・リバー株式会社

代表取締役社長 小林 功

**RADS HEALTH MONITORING REPORT (October 2013)**

Printed date: February 26, 2014

Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	CrI:WI(Han) <sup>4</sup> SHR/NCrI CrIj <sup>4</sup> WKY/NCrI CrIj CrIj:LE <sup>4</sup>	LEW/CrI CrIj BN/CrI CrIj <sup>4</sup> PCK/CrIj CrI- <i>Pkhd1</i> <sup>Prck</sup> /CrI CrIj <sup>4</sup>	CrI:CD(SD)
	Test period Technique	October 24 - November 15	October 24 - November 15	October 24 - November 15
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup>	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>3</sup>	PCR/MFIA	0/8	0/8	0/8

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日本チャールス・リバー株式会社  
 代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014  
Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T12	T23
	Strains & Stocks	JAX <sup>®</sup> Mice Strain C57BL/6J JAX <sup>®</sup> Mice Strain B6. Cg-Lep <sup>ob</sup> /J <sup>3</sup> JAX <sup>®</sup> Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>ob</sup> /J <sup>3</sup>	CAnN.Cg-Foxn1 <sup>tm</sup> /CrIcrIj <sup>4</sup>
	Test period Technique	October 24 - November 14	October 24 - December 5
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/8	0/8
Minute Virus of Mice <sup>1</sup>	MFIA	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8
Murine Norovirus <sup>1</sup>	MFIA	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8
Ectromelia Virus <sup>1</sup>	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/8	0/8
Polyoma Virus <sup>1</sup>	MFIA	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8
Mouse Thymic Virus <sup>1</sup>	MFIA	0/8	0/8
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8
<i>Staphylococcus aureus</i> <sup>2</sup>	Culture	-	0/8
β - Hemolytic <i>Streptococcus</i> spp. <sup>2</sup>	Culture	-	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
Ectoparasites	Direct Examination	0/8	0/8
Pinworms	Direct Examination	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on *nu*+ mice

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

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RADS HEALTH MONITORING REPORT (October 2013)

Species: RATS

Agents	Area	T11	T21
	Strains & Stocks	Crj:WI	CrI:CD(SD)
	Test period Technique	October 24 - November 15	October 24 - November 14
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup>	MFIA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup>	MFIA	0/8	0/8
Rat Minute Virus <sup>1</sup>	MFIA	0/8	0/8
Rat Parvovirus <sup>1</sup>	MFIA	0/8	0/8
Toolan's H-1 Virus <sup>1</sup>	MFIA	0/8	0/8
Kilham Rat Virus <sup>1</sup>	MFIA	0/8	0/8
Reovirus <sup>1</sup>	MFIA	0/8	0/8
Rat Theilovirus <sup>1</sup>	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/8	0/8
Hantaan Virus <sup>1</sup>	MFIA	0/8	0/8
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/8	0/8
CAR bacillus <sup>1</sup>	MFIA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
Ectoparasites	Direct Examination	0/8	0/8
Pinworms	Direct Examination	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. <sup>3</sup>	PCR/MFIA	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Serology on immunocompetent animals from each colony  
2: Not considered as specific pathogens for immunocompetent strains  
3: Not included in the Specific Pathogen Free (SPF) lists

RADS HEALTH MONITORING REPORT (October 2013)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc <sup>scid</sup> /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	October 24, 2013 - February 20, 2014
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup>	MFIA	0/4
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/4
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/4
Minute Virus of Mice <sup>1</sup>	MFIA	0/4
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/4
Murine Norovirus <sup>1</sup>	MFIA	0/4
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/4
Reovirus <sup>1</sup>	MFIA	0/4
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/4
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/4
Ectromelia Virus <sup>1</sup>	MFIA	0/4
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/4
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/4
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/4
Polyoma Virus <sup>1</sup>	MFIA	0/4
Hantaan Virus <sup>1</sup>	MFIA	0/4
Mouse Thymic Virus <sup>1</sup>	MFIA	0/4
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i>	Culture	0/6
<i>Citrobacter rodentium</i>	PCR	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/6
<i>Salmonella</i> spp.	Culture	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/6
<i>Staphylococcus aureus</i>	Culture	0/6
β - Hemolytic <i>Streptococcus</i> spp.	Culture	0/6
<i>Helicobacter hepaticus</i>	PCR	0/6
<i>Helicobacter bilis</i>	PCR	0/6
<i>Helicobacter</i> spp.	PCR	0/6
<i>Streptobacillus moniliformis</i>	PCR	0/6
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/6
CAR bacillus <sup>1</sup>	MFIA	0/4
<b>PARASITES AND FUNGI</b>		
Ectoparasites	Direct Examination	0/6
Pinworms	Direct Examination	0/6
Gastrointestinal protozoa	Direct Examination	0/6
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/4
<i>Pneumocystis</i> spp.	PCR	0/2

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony

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代表取締役社長 小林 功



**RADS HEALTH MONITORING REPORT (October 2013)**

Species: MICE

Agents	Area	Isolator	Isolator	Isolator	Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNcrCrIj (Sentinels)	CrIj:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNcrCrIj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNcrCrIj (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lysf <sup>bg-J</sup> /CrIcrIj C3H/HeNcrCrIj (Sentinels)
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 14	October 24 - November 14
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Pneumonia Virus of Mice <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Hepatitis Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Minute Virus of Mice <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Murine Norovirus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Reovirus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Ectromelia Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Cytomegalovirus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Pneumonitis Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Polyoma Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Hantaan Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
Mouse Thymic Virus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i>	Culture	0/6	0/6	0/6	0/6
<i>Citrobacter rodentium</i>	PCR	0/6	0/6	0/6	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/6	0/6	0/6	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/6	0/6	0/6	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/6	0/6	0/6	0/6
<i>Salmonella</i> spp.	Culture	0/6	0/6	0/6	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/6	0/6	0/6	0/6
<i>Staphylococcus aureus</i>	Culture	0/6	0/6	0/6	0/6
β - Hemolytic <i>Streptococcus</i> spp.	Culture	0/6	0/6	0/6	0/6
<i>Helicobacter hepaticus</i>	PCR	0/6	0/6	0/6	0/6
<i>Helicobacter bilis</i>	PCR	0/6	0/6	0/6	0/6
<i>Helicobacter</i> spp.	PCR	0/6	0/6	0/6	0/6
<i>Streptobacillus moniliformis</i>	PCR	0/6	0/6	0/6	0/6
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFIA	0/6	0/6	0/6	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFIA	0/6	0/6	0/6	0/6
CAR bacillus <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
<b>PARASITES AND FUNGI</b>					
Ectoparasites	Direct Examination	0/6	0/6	0/6	0/6
Pinworms	Direct Examination	0/6	0/6	0/6	0/6
Gastrointestinal protozoa	Direct Examination	0/6	0/6	0/6	0/6
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFIA	0/4	0/4	0/4	0/4
<i>Pneumocystis</i> spp.	PCR	0/2	0/2	0/2	0/2

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

Remarks : 1: Serology on immunocompetent animals from each colony

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**RADS HEALTH MONITORING REPORT (October 2013)**

Printed date: February 26, 2014

Location: Atsugi Breeding Center

Species: MICE

Agents	Area	A11	A24
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>nu</sup> /CrjCrj <sup>2</sup> Crj:CD1-Foxn1 <sup>nu</sup> 1	CAnN.Cg-Foxn1 <sup>nu</sup> /CrjCrj <sup>2</sup>
	Test period	October 24 - 29	October 24 - 29
Technique			
<b>PARASITES AND FUNGI</b>			
<i>Pneumocystis</i> spp.	PCR	0/4	0/4

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Not tested strains or stocks; monitoring on parents or other strains in the area  
2: Monitoring on nu/nu mice

**RADS HEALTH MONITORING REPORT (October 2013)**

Printed date: February 26, 2014

Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T23
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>tm1</sup> /CrjCrj <sup>1</sup>
	Test period	October 24 - 29
Technique		
<b>PARASITES AND FUNGI</b>		
<i>Pneumocystis</i> spp.	PCR	0/4

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Monitoring on *nu/nu* mice

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