

HEALTH MONITORING REPORT (May 2016)

Species: MICE

Agents	Area	A11	A12	A14	A15
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>tmu</sup> /CrIcrlj <sup>3</sup> CrIj:CD1-Foxn1 <sup>tmu</sup> <sup>3</sup>	CAnN.Cg-Foxn1 <sup>tmu</sup> /CrIcrlj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J JAX <sup>®</sup> Mice Strain CBA/J NC/NgaTndCrIj CrI:CD1(ICR)	JAX <sup>®</sup> Mice Strain C57BL/6J C57BL/6NCrl
	Test period Technique	May 9 - 28	May 9 - 28	May 9 - 28	May 9 - 28
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/12	0/12	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/12	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/12	0/12	-	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/12	0/12	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/12	0/12	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>					
Ectoparasites (m)	Direct Examination	0/12	0/12	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	0/4	0/4	-	-

Monitoring frequency: (m) monthly, (q) quarterly

Remarks: 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Monitoring on both *nu/nu* and *nu/+* mice

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Tested by Charles River Laboratories Japan, Inc.

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2016)

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrIcrIj DBA/2NCrIcrIj CD2F1/CrIj <sup>3</sup>	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup>	JAX® Mice Strain C57BL/6J
	Test period Technique	May 16 - 28	May 9 - 28	May 9 - 28
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/12	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/12	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	-	0/12	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/12	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/12	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/12	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/12	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	-	0/4	-

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

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 both nu/nu and 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

HEALTH MONITORING REPORT (May 2016)

Species: RATS

Agents	Area	A21	A22
	Strains & Stocks	F344/DuCrI CrIj ZDF- <i>Lepr</i> <sup>fa</sup> /CrI CrIj CrIj:ZUC- <i>Lepr</i> <sup>fa</sup>	CrI:CD(SD)
	Test period Technique	May 16 - 28	May 16 - 28
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
Ectoparasites (m)	Direct Examination	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFIA	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

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

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

Species: MICE

Agents	Area	H12	H22	H23
	Strains & Stocks	JAX® Mice Strain C57BL/6J JAX® Mice Strain B6.Cg-Lep <sup>ob</sup> /J JAX® Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>ob</sup> /J	CrI:CD1(ICR) C57BL/6NCrI C3H/HeNCrI <sup>3</sup> DBA/2NCrI B6N-Ty <sup>c-Brd</sup> /BrdCrCrI B6D2F1/CrI <sup>3</sup> B6C3F1/CrI <sup>3</sup>	BALB/cAnNCrICrI DBA/1JNCrIj
	Test period Technique	May 11 - 28	May 11 - 28	May 11 - 28
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

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

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代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2016)

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	CrI:WI(Han) SHR/NCrICrIj WKY/NCrICrIj CrIj:WI	LEW/CrICrIj BN/CrICrIj PCK/CrIjCrI-Pkhd1 <sup>Pck</sup> /CrICrIj CrIj:LE	CrI:CD(SD)
	Test period Technique	May 11 - 28	May 11 - 28	May 11 - 28
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFIA	0/8	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

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

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2016)

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNCrCrIj (Sentinels)
	Test period Technique	May 10 - 28	May 10 - 28
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (q)	MFIA	0/9	0/2
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/9	0/2
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/9	0/2
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/9	0/2
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/9	0/2
Murine Norovirus <sup>1</sup> (q)	MFIA	0/9	0/2
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/9	0/2
Reovirus <sup>1</sup> (q)	MFIA	0/9	0/2
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/9	0/2
Lymphocytic Choriomeningitis Virus <sup>1</sup> (a)	MFIA	0/9	0/2
Ectromelia Virus <sup>1</sup> (a)	MFIA	0/9	0/2
Mouse Adenovirus (1 or 2) <sup>1</sup> (a)	MFIA	0/9	0/2
Mouse Cytomegalovirus <sup>1</sup> (a)	MFIA	0/9	0/2
Mouse Pneumonitis Virus <sup>1</sup> (a)	MFIA	0/9	0/2
Polyoma Virus <sup>1</sup> (a)	MFIA	0/9	0/2
Hantaan Virus <sup>1</sup> (a)	MFIA	0/9	0/2
Mouse Thymic Virus <sup>1</sup> (a)	MFIA	0/9	0/2
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (q)	Culture	0/27	0/6
<i>Citrobacter rodentium</i> (q)	Culture	0/18	0/4
<i>Corynebacterium kutscheri</i> (q)	Culture	0/27	0/6
<i>Pasteurella pneumotropica</i> (q)	Culture	0/27	0/6
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/27	0/6
<i>Salmonella</i> spp. (q)	Culture	0/27	0/6
<i>Staphylococcus aureus</i> (q)	Culture	0/27	0/6
<i>Streptococcus pneumoniae</i> (q)	Culture	0/27	0/6
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/27	0/6
<i>Helicobacter hepaticus</i> (a)	PCR	0/27	0/6
<i>Helicobacter bilis</i> (a)	PCR	0/27	0/6
<i>Helicobacter</i> spp. (a)	PCR	0/27	0/6
<i>Streptobacillus moniliformis</i> (a)	PCR	0/27	0/6
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFIA	0/27	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/27	0/6
CAR bacillus <sup>1</sup> (a)	MFIA	0/9	0/2
<b>PARASITES AND FUNGI</b>			
Ectoparasites (q)	Direct Examination	0/27	0/6
Pinworms (q)	Direct Examination	0/27	0/6
Gastrointestinal protozoa (q)	Direct Examination	0/18	0/4
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (a)	MFIA	0/9	0/2
<i>Pneumocystis</i> spp. (q)	PCR	0/9	0/2

Monitoring frequency of animals: (q) quarterly, (a) annually

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1: Serology on immunocompetent animals from each colony

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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

HEALTH MONITORING REPORT (May 2016)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc <sup>scid</sup> /CrIcrlj C3H/HeNcrIcrlj (Sentinels)
	Test period	May 9 - 28
Technique		
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup> (q)	MFIA	0/13
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/13
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/13
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/13
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/13
Murine Norovirus <sup>1</sup> (q)	MFIA	0/13
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/13
Reovirus <sup>1</sup> (q)	MFIA	0/13
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/13
Lymphocytic Choriomeningitis Virus <sup>1</sup> (a)	MFIA	0/13
Ectromelia Virus <sup>1</sup> (a)	MFIA	0/13
Mouse Adenovirus (1 or 2) <sup>1</sup> (a)	MFIA	0/13
Mouse Cytomegalovirus <sup>1</sup> (a)	MFIA	0/13
Mouse Pneumonitis Virus <sup>1</sup> (a)	MFIA	0/13
Polyoma Virus <sup>1</sup> (a)	MFIA	0/13
Hantaan Virus <sup>1</sup> (a)	MFIA	0/13
Mouse Thymic Virus <sup>1</sup> (a)	MFIA	0/13
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/39
<i>Citrobacter rodentium</i> (q)	Culture	0/26
<i>Corynebacterium kutscheri</i> (q)	Culture	0/39
<i>Pasteurella pneumotropica</i> (q)	Culture	0/39
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/39
<i>Salmonella</i> spp. (q)	Culture	0/39
<i>Staphylococcus aureus</i> (q)	Culture	0/39
<i>Streptococcus pneumoniae</i> (q)	Culture	0/39
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/39
<i>Helicobacter hepaticus</i> (a)	PCR	0/39
<i>Helicobacter bilis</i> (a)	PCR	0/39
<i>Helicobacter</i> spp. (a)	PCR	0/39
<i>Streptobacillus moniliformis</i> (a)	PCR	0/39
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFIA	0/39
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/39
CAR bacillus <sup>1</sup> (a)	MFIA	0/13
<b>PARASITES AND FUNGI</b>		
Ectoparasites (q)	Direct Examination	0/39
Pinworms (q)	Direct Examination	0/39
Gastrointestinal protozoa (q)	Direct Examination	0/26
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (a)	MFIA	0/13
<i>Pneumocystis</i> spp. (q)	PCR	0/13

Monitoring frequency of animals: (q) quarterly, (a) annually

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1: Serology on immunocompetent animals from each colony

日本チャールス・リバー株式会社  
代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2016)

Species: MICE

Agents	Area	T23 Isolator	T23 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrJ (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lyst <sup>bg8-J</sup> /CrCrJ C3H/HeNCrCrJ (Sentinels)
	Test period Technique	May 11 - 28	May 11 - 28
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (q)	MFIA	0/7	0/9
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/7	0/9
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/7	0/9
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/7	0/9
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/7	0/9
Murine Norovirus <sup>1</sup> (q)	MFIA	0/7	0/9
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/7	0/9
Reovirus <sup>1</sup> (q)	MFIA	0/7	0/9
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/7	0/9
Lymphocytic Choriomeningitis Virus <sup>1</sup> (a)	MFIA	0/7	0/9
Ectromelia Virus <sup>1</sup> (a)	MFIA	0/7	0/9
Mouse Adenovirus (1 or 2) <sup>1</sup> (a)	MFIA	0/7	0/9
Mouse Cytomegalovirus <sup>1</sup> (a)	MFIA	0/7	0/9
Mouse Pneumonitis Virus <sup>1</sup> (a)	MFIA	0/7	0/9
Polyoma Virus <sup>1</sup> (a)	MFIA	0/7	0/9
Hantaan Virus <sup>1</sup> (a)	MFIA	0/7	0/9
Mouse Thymic Virus <sup>1</sup> (a)	MFIA	0/7	0/9
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (q)	Culture	0/21	0/27
<i>Citrobacter rodentium</i> (q)	Culture	0/14	0/18
<i>Corynebacterium kutscheri</i> (q)	Culture	0/21	0/27
<i>Pasteurella pneumotropica</i> (q)	Culture	0/21	0/27
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/21	0/27
<i>Salmonella</i> spp. (q)	Culture	0/21	0/27
<i>Staphylococcus aureus</i> (q)	Culture	0/21	0/27
<i>Streptococcus pneumoniae</i> (q)	Culture	0/21	0/27
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/21	0/27
<i>Helicobacter hepaticus</i> (a)	PCR	0/21	0/27
<i>Helicobacter bilis</i> (a)	PCR	0/21	0/27
<i>Helicobacter</i> spp. (a)	PCR	0/21	0/27
<i>Streptobacillus moniliformis</i> (a)	PCR	0/21	0/27
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFIA	0/21	0/27
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/21	0/27
CAR bacillus <sup>1</sup> (a)	MFIA	0/7	0/9
<b>PARASITES AND FUNGI</b>			
Ectoparasites (q)	Direct Examination	0/21	0/27
Pinworms (q)	Direct Examination	0/21	0/27
Gastrointestinal protozoa (q)	Direct Examination	0/14	0/18
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (a)	MFIA	0/7	0/9
<i>Pneumocystis</i> spp. (q)	PCR	0/7	0/9

Monitoring frequency of animals: (q) quarterly, (a) annually

Tested by Charles River Laboratories Japan, Inc.

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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HEALTH MONITORING REPORT (May 2016)

Printed date: May 31, 2016  
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNCrCrIj (Sentinels)
	Test period Technique	May 9 - 28	May 9 - 28
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i>	Culture	0/19	0/6
<i>Citrobacter rodentium</i>	Culture	0/19	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/19	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/19	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/19	0/6
<i>Salmonella</i> spp.	Culture	0/19	0/6
<i>Staphylococcus aureus</i>	Culture	0/19	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/19	0/6

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.

HEALTH MONITORING REPORT (May 2016)

Species: MICE (Fecal and Water Samples)

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc <sup>scid</sup> /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	May 9 - 28
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i>	Culture	0/27
<i>Citrobacter rodentium</i>	Culture	0/27
<i>Corynebacterium kutscheri</i>	Culture	0/27
<i>Pasteurella pneumotropica</i>	Culture	0/27
<i>Pseudomonas aeruginosa</i>	Culture	0/27
<i>Salmonella</i> spp.	Culture	0/27
<i>Staphylococcus aureus</i>	Culture	0/27
<i>Streptococcus pneumoniae</i>	Culture	0/27

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.

HEALTH MONITORING REPORT (May 2016)

Printed date: May 31, 2016  
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T23 Isolator	
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrj (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lyst <sup>bg-J</sup> /CrCrj C3H/HeNCrCrj (Sentinels)
	Test period Technique	May 9 - 28	
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i>	Culture	0/25	0/8
<i>Citrobacter rodentium</i>	Culture	0/25	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/25	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/25	0/8
<i>Pseudomonas aeruginosa</i>	Culture	0/25	0/8
<i>Salmonella</i> spp.	Culture	0/25	0/8
<i>Staphylococcus aureus</i>	Culture	0/25	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/25	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.