### HEALTH MONITORING REPORT (June 2016)

**Specie:** MICE  
**Location:** Atsugi Breeding Center  
**Printed date:** June 30, 2016

<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>A11</th>
<th>A12</th>
<th>A14</th>
<th>A15</th>
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<tbody>
<tr>
<td>Strains &amp; Stocks</td>
<td>CAnN.Cg-Foxn1nu/CrlCrlj</td>
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</tbody>
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**Test period:** June 1 - 29  
**Technique:** MFIA

### VIRUSES

- **Sendai Virus**  
  - Technique: Culture  
  - June 1 - 29: 0/12  
  - June 8 - 29: 0/12  
  - June 1 - 29: 0/8

- **Pneumonia Virus of Mice**  
  - Technique: MFIA  
  - June 1 - 29: 0/8

- **Mouse Hepatitis Virus**  
  - Technique: MFIA  
  - June 1 - 29: 0/8

- **Minute Virus of Mice**  
  - Technique: MFIA  
  - June 1 - 29: 0/8

- **Mouse Parvovirus**  
  - Technique: Culture  
  - June 1 - 29: 0/8

- **Mouse Parvovirus**  
  - Technique: Culture  
  - June 1 - 29: 0/8

- **Theiler's Murine Encephalomyelitis Virus**  
  - Technique: MFIA  
  - June 1 - 29: 0/8

- **Reovirus**  
  - Technique: Culture  
  - June 1 - 29: 0/8

- **Epizootic Diarrhea of Infant Mice Virus**  
  - Technique: Culture  
  - June 1 - 29: 0/8

### BACTERIA

- **Bordetella bronchiseptica**  
  - Technique: Culture  
  - June 1 - 29: 0/12  
  - June 8 - 29: 0/12

- **Citrobacter rodentium**  
  - Technique: Culture  
  - June 1 - 29: 0/8

- **Corynebacterium kutscheri**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Pasteurella pneumotropica**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Pseudomonas aeruginosa**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Salmonella spp.**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Staphylococcus aureus**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Streptococcus pneumoniae**  
  - Technique: Culture  
  - June 1 - 29: 0/12

- **Mycoplasma pulmonis**  
  - Technique: Lesions/MFIA  
  - June 1 - 29: 0/12

- **Clostridium piliforme (Tyzzer’s Disease)**  
  - Technique: Lesions/MFIA  
  - June 1 - 29: 0/12

### PARASITES AND FUNGI

- **Ectoparasites**  
  - Technique: Direct Examination  
  - June 1 - 29: 0/12

- **Pinworms**  
  - Technique: Direct Examination  
  - June 1 - 29: 0/12

- **Gastrointestinal protozoa**  
  - Technique: Direct Examination  
  - June 1 - 29: 0/8

**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

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

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### HEALTH MONITORING REPORT (June 2016)

**Species:** MICE  
**Location:** Atsugi Breeding Center

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</table>

**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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**Printed date:** June 30, 2016

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**Tested by Charles River Laboratories Japan, Inc.**
### HEALTH MONITORING REPORT (June 2016)

**Species:** RATS  
**Location:** Atsugi Breeding Center  
**Printed date:** June 30, 2016

#### Agents

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<td>June 6 - 29</td>
<td>MFIA 0/8</td>
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**VIRUSES**

- Sendai Virus 1 (m)  
- Pneumonia Virus of Mice 1 (m)  
- Sialodacryoadenitis Virus 1 (m)  
- Rat Minute Virus 1 (m)  
- Rat Parvovirus 1 (m)  
- Toolan’s H-1 Virus 1 (m)  
- Kilham Rat Virus 1 (m)  
- Reovirus 1 (m)  
- Rat Theilovirus 1 (m)

**BACTERIA**

- Bordetella bronchiseptica (m)  
- Corynebacterium kutscheri (m)  
- Pasteurella pneumotropica (m)  
- Pseudomonas aeruginosa 1 (m)  
- Salmonella spp. (m)  
- Streptococcus pneumoniae (m)  
- Mycoplasma pulmonis 1 (m)  
- Clostridium piliforme (Tyzzer’s Disease) 1 (m)

**PARASITES AND FUNGI**

- Ectoparasites (m)  
- Pinworms (m)  
- Gastrointestinal protozoa (m)  
- Pneumocystis spp. 1, 3 (m)

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

---

Tested by Charles River Laboratories Japan, Inc.
### HEALTH MONITORING REPORT (June 2016)

**Species:** MICE  
**Location:** Hino Breeding Center

#### Agents

<table>
<thead>
<tr>
<th>Area</th>
<th>H12</th>
<th>H22</th>
<th>H23</th>
</tr>
</thead>
</table>
| **Strains & Stocks** | JAX® Mice Strain C57BL/6J  
JAX® Mice Strain B6.Cg-Lep°/J  
JAX® Mice Strain BKS.Cg-Dock7m +/+ Lep°/J | C57CD1(ICR)  
C57BL/6NCrI  
C3H/HeNCrI  
DBA/2NCrI  
B6N-Tyr°B6/BrdCrNcrl  
B6D2F1CrI  
B6C3F1CrI | BALB/cAnNCrIj  
DBA/1JCrNcrl |

#### VIRUSES

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<th>Technique</th>
<th>June 8 - 29</th>
<th>June 8 - 29</th>
<th>June 8 - 29</th>
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</table>
| **Sendai Virus**  
Pneumonia Virus of Mice  
Mouse Hepatitis Virus  
Minute Virus of Mice  
Mouse Parvovirus (1 or 2)  
Murine Norovirus  
Theiler's Murine Encephalomyelitis Virus  
Reovirus  
Epizootic Diarrhea of Infant Mice Virus | MFIA  
MFIA  
MFIA  
MFIA  
MFIA  
MFIA  
MFIA  
MFIA | 0/8  
0/8  
0/8  
0/8  
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0/8 | 0/8  
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0/8  
0/8  
0/8 |

#### BACTERIA

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<th>Technique</th>
<th>June 8 - 29</th>
<th>June 8 - 29</th>
<th>June 8 - 29</th>
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| **Bordetella bronchiseptica**  
Corynebacterium kutscheri  
Pseudomonas aeruginosa  
Streptococcus pneumonia  
Clostridium piliforme (Tyzzer's Disease) | Culture  
Culture  
Culture  
Culture  
Lesions/MFIA | 0/8  
0/8  
0/8  
0/8  
0/8 | 0/8  
0/8  
0/8  
0/8  
0/8 | 0/8  
0/8  
0/8  
0/8  
0/8 |

#### PARASITES AND FUNGI

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<th>Technique</th>
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<th>June 8 - 29</th>
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</thead>
</table>
| **Ectoparasites**  
Pinworms  
Gastrointestinal protozoa | Direct Examination  
Direct Examination  
Direct Examination | 0/8  
0/8  
0/8 | 0/8  
0/8  
0/8 | 0/8  
0/8  
0/8 |

---

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

Tested by Charles River Laboratories Japan, Inc.
### HEALTH MONITORING REPORT (June 2016)

**Species:** RATS  
**Location:** Hino Breeding Center  
**Printed date:** June 30, 2016

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<td>Crlj:CD(SD)</td>
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<td><strong>Technique</strong></td>
<td>June 8 - 29</td>
<td>June 8 - 29</td>
<td>June 8 - 29</td>
</tr>
</tbody>
</table>

#### VIRUSES
- **Sendai Virus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Pneumonia Virus of Mice** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Sialodacryoadenitis Virus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Rat Minute Virus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Rat Parvovirus** ²(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Toolan’s H-1 Virus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Kilham Rat Virus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Peorivirus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Rat Theilovirus** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8

#### BACTERIA
- **Bordetella bronchiseptica**  
  - Technique: Culture  
  - Results: 0/8
- **Corynebacterium kutscheri**  
  - Technique: Culture  
  - Results: 0/8
- **Pasteurella pneumotropica**  
  - Technique: Culture  
  - Results: 0/8
- **Pseudomonas aeruginosa** ²(m)  
  - Technique: Culture  
  - Results: 0/8
- **Salmonella spp.**  
  - Technique: Culture  
  - Results: 0/8
- **Streptococcus pneumoniae**  
  - Technique: Culture  
  - Results: 0/8
- **Mycoplasma pulmonis** ¹(m)  
  - Technique: MFIA  
  - Results: 0/8
- **Clostridium piliforme** (Tyzzer’s Disease) ¹(m)  
  - Technique: Lesions/MFIA  
  - Results: 0/8

#### PARASITES AND FUNGI
- **Ectoparasites**  
  - Technique: Direct Examination  
  - Results: 0/8
- **Pinworms**  
  - Technique: Direct Examination  
  - Results: 0/8
- **Gastrointestinal protozoa**  
  - Technique: Direct Examination  
  - Results: 0/4
- **Pneumocystis spp.** ¹, ³(m)  
  - Technique: MFIA  
  - Results: 0/8

**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.

---

**Monitored frequency:** (m) monthly, (q) quarterly

**Tested by:** Charles River Laboratories Japan, Inc.
### HEALTH MONITORING REPORT (June 2016)

**Species:** MICE  
**Location:** Tsukuba Breeding Center  
**Printed date:** June 30, 2016

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<td></td>
<td>Direct Examination</td>
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<tr>
<td>Pneumocystis</td>
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<td>PCR</td>
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</table>

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 (June 2016)

### Agents

<table>
<thead>
<tr>
<th>Strains &amp; Stocks</th>
<th>T22 Isolator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CB17/cr-Prkdc&lt;sup&gt;scid&lt;/sup&gt;/CrlCrlj</td>
</tr>
<tr>
<td></td>
<td>C3H/HeNCr/Crlj (Sentinels)</td>
</tr>
</tbody>
</table>

### VIRUSES

- **Sendai Virus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Pneumonia Virus of Mice<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Mouse Hepatitis Virus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Minute Virus of Mice<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Mouse Parvovirus (1 or 2)**<sup>1</sup><sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Murine Norovirus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Theiler's Murine Encephalomyelitis Virus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Reovirus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Epizootic Diarrhea of Infant Mice Virus<sup>1</sup>**<sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

### BACTERIA

- **Bordetella bronchiseptica**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Citrobacter rodentium**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/28

- **Corynebacterium kutscheri**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Pasteurella pneumotropica**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Pseudomonas aeruginosa**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Salmonella spp.**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Staphylococcus aureus**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Streptococcus pneumonia**<sup>(q)</sup>
  - Technique: Culture
  - Test period: June 6 - 29
  - Result: 0/42

- **Mycoplasma pulmonis**<sup>1</sup><sup>(q)</sup>
  - Technique: MFIA
  - Test period: June 6 - 29
  - Result: 0/14

- **Clostridium piliforme** (Tyzzer's Disease)<sup>1</sup><sup>(q)</sup>
  - Technique: Lesions/MFIA
  - Test period: June 6 - 29
  - Result: 0/42

### PARASITES AND FUNGI

- **Ectoparasites**<sup>(q)</sup>
  - Technique: Direct Examination
  - Test period: June 6 - 29
  - Result: 0/42

- **Pinworms**<sup>(q)</sup>
  - Technique: Direct Examination
  - Test period: June 6 - 29
  - Result: 0/42

- **Gastrointestinal protozoa**<sup>(q)</sup>
  - Technique: Direct Examination
  - Test period: June 6 - 29
  - Result: 0/28

- **Pneumocystis spp.**<sup>(q)</sup>
  - Technique: PCR
  - Test period: June 6 - 29
  - Result: 0/14

---

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

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1: Serology on immunocompetent animals from each colony
<table>
<thead>
<tr>
<th>Agents</th>
<th>Strains &amp; Stocks</th>
<th>Technique</th>
<th>T23 Isolator</th>
<th>T23 Isolator</th>
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</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
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<td>June 8 - 29</td>
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<tr>
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<td>Crlj:SHO-Prkdc&lt;sup&gt;scid&lt;/sup&gt;Hrhr</td>
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<td>Culture</td>
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Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.

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HEALTH MONITORING REPORT (June 2016)

Species: MICE (Fecal and Water Samples)

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**HEALTH MONITORING REPORT (June 2016)**

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