

# B) HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Date: January 16, 2017

Examination No: 16552

| Class | Pathogens                          | Methods     | Animals: CD1-Foxn1 <sup>nu/+</sup> ♀ |       |  |  |  |  |  |  |  |  |  |  |
|-------|------------------------------------|-------------|--------------------------------------|-------|--|--|--|--|--|--|--|--|--|--|
|       |                                    |             | 2-1-C                                | 2-1-D |  |  |  |  |  |  |  |  |  |  |
| A     | Mouse hepatitis virus              | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Sendai virus                       | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Clostridium piliforme</i>       | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Hantaan virus                      | Serology    |                                      |       |  |  |  |  |  |  |  |  |  |  |
|       | Ectromelia virus                   | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Lymphocytic choriomeningitis virus | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Mycoplasma pulmonis</i>         | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       |                                    | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
| A/B   | <i>Salmonella</i> spp.             | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
| B     | <i>Citrobacter rodentium</i>       | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Corynebacterium kutscheri</i>   | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Pasteurella pneumotropica</i>   | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Dermatophytes                      | Cultivation |                                      |       |  |  |  |  |  |  |  |  |  |  |
|       | <i>Filobacterium rodentium</i> *   | Serology    | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Ectoparasites                      | Microscopy  | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Intestinal protozoa                | Microscopy  | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Pinworms                           | Microscopy  | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Helicobacter bilis</i>          | PCR         | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Helicobacter hepaticus</i>      | PCR         | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
| C     | <i>Staphylococcus aureus</i>       | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Pseudomonas aeruginosa</i>      | Cultivation | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | <i>Pneumocystis murina</i>         | PCR         | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |
|       | Gross lesion                       |             | 0/1                                  | 0/1   |  |  |  |  |  |  |  |  |  |  |

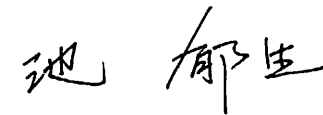
\* Formerly known as "CAR bacillus"

**RIKEN BioResource Center**

Experimental Animal Division

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Fumio Ike, Ph.D.

# C) HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Date: January 16, 2017

Examination No: 16554

| Class        | Pathogens                          | Methods     | Animals: BALB/c-nu/+ ♀ |       |       |       |  |  |  |  |  |  |
|--------------|------------------------------------|-------------|------------------------|-------|-------|-------|--|--|--|--|--|--|
|              |                                    |             | 2-4-A                  | 2-4-B | 2-4-C | 2-4-E |  |  |  |  |  |  |
| A            | Mouse hepatitis virus              | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Sendai virus                       | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Clostridium piliforme</i>       | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Hantaan virus                      | Serology    |                        |       |       |       |  |  |  |  |  |  |
|              | Ectromelia virus                   | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Lymphocytic choriomeningitis virus | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Mycoplasma pulmonis</i>         | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
| Cultivation  |                                    | 0/1         | 0/1                    | 0/1   | 0/1   |       |  |  |  |  |  |  |
| A/B          | <i>Salmonella</i> spp.             | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
| B            | <i>Citrobacter rodentium</i>       | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Corynebacterium kutscheri</i>   | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Pasteurella pneumotropica</i>   | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Dermatophytes                      | Cultivation |                        |       |       |       |  |  |  |  |  |  |
|              | <i>Filobacterium rodentium</i> *   | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Ectoparasites                      | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Intestinal protozoa                | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | Pinworms                           | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Helicobacter bilis</i>          | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Helicobacter hepaticus</i>      | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
| C            | <i>Staphylococcus aureus</i>       | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Pseudomonas aeruginosa</i>      | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
|              | <i>Pneumocystis murina</i>         | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |
| Gross lesion |                                    |             | 0/1                    | 0/1   | 0/1   | 0/1   |  |  |  |  |  |  |

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Fumio Ike, Ph.D.

# D)

## HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Date: January 16, 2017

Examination No: 16556

| Class        | Pathogens                             | Methods     | Animals: BALB/c-nu/+ ♀ |       |       |       |       |  |  |  |  |  |
|--------------|---------------------------------------|-------------|------------------------|-------|-------|-------|-------|--|--|--|--|--|
|              |                                       |             | 2-Q-D                  | 2-Q-E | 2-Q-L | 2-Q-M | 2-Q-N |  |  |  |  |  |
| A            | Mouse hepatitis virus                 | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Sendai virus                          | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Clostridium piliforme</i>          | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Hantaan virus                         | Serology    |                        |       |       |       |       |  |  |  |  |  |
|              | Ectromelia virus                      | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Lymphocytic choriomeningitis virus    | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Mycoplasma pulmonis</i>            | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| Cultivation  |                                       | 0/1         | 0/1                    | 0/1   | 0/1   | 0/1   |       |  |  |  |  |  |
| A/B          | <i>Salmonella</i> spp.                | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| B            | <i>Citrobacter rodentium</i>          | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Corynebacterium kutscheri</i>      | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Pasteurella pneumotropica</i>      | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Dermatophytes                         | Cultivation |                        |       |       |       |       |  |  |  |  |  |
|              | <i>Filobacterium rodentium</i> *      | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Ectoparasites                         | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Intestinal protozoa                   | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Pinworms                              | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Helicobacter bilis</i>             | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Helicobacter hepaticus</i>         | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| C            | <i>Staphylococcus aureus</i>          | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Pseudomonas aeruginosa</i>         | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | <i>Pneumocystis murina</i>            | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| D            | Lactate dehydrogenase elevating virus | RT-PCR      | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|              | Mouse polyomavirus                    | PCR         | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| Gross lesion |                                       |             | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |

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Fumio Ike, Ph.D.

# HEALTH REPORT

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Facility: RIKEN BRC Experimental Animal Division Date: January 23, 2017

Examination No:16556

| Class  | Pathogens                     | Methods   | Animals: BALB/cA-nu/+ |       |       |       |       |  |  |  |  |  |
|--|-------------------------------|-----------|-----------------------|-------|-------|-------|-------|--|--|--|--|--|
|  |                               |           | 2-Q-D                 | 2-Q-E | 2-Q-L | 2-Q-M | 2-Q-N |  |  |  |  |  |
| D  | Mouse Adenovirus (Type 1 & 2) | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Mouse cytomegalovirus (MCMV)  | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Mouse minute virus (MMV)      | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Mouse parvovirus (MPV)        | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Mouse norovirus (MNV)         | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Mouse rotavirus (EDIM)        | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Pneumonia virus of mice (PVM) | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
|  | Reovirus type 3 (Reo 3)       | Serology* | 0/1                   | 0/1   | 0/1   | 0/1   | 0/1   |  |  |  |  |  |
| Theiler's mouse encephalomyelitis virus (TMEV) | Serology*                     | 0/1       | 0/1                   | 0/1   | 0/1   | 0/1   |       |  |  |  |  |  |

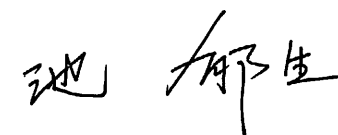
\*: Tested by Charles River Laboratories Japan, Inc 2017000474  
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