

# B) HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Testdate: May 15, 2017

Examination No: 17078

| Class        | Pathogen(s)                        | Method(s)               | Sentinel Animal(s) : BALB/c-nu/+ ♀ |            |  |  |  |  |  |  |  |  |
|--------------|------------------------------------|-------------------------|------------------------------------|------------|--|--|--|--|--|--|--|--|
|              |                                    |                         | 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                | 0/1                                | 0/1        |  |  |  |  |  |  |  |  |
|              | Ectromelia virus                   | Serology                | 0/1                                | 0/1        |  |  |  |  |  |  |  |  |
|              | Lymphocytic choriomeningitis virus | Serology                | 0/1                                | 0/1        |  |  |  |  |  |  |  |  |
|              | <i>Mycoplasma pulmonis</i>         | Serology<br>Cultivation | 0/1<br>0/1                         | 0/1<br>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             | 0/1                                | 0/1        |  |  |  |  |  |  |  |  |
|              | <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        |  |  |  |  |  |  |  |  |

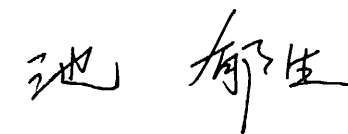
\* Formerly known as "CAR bacillus"

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Fumio Ike, Ph.D.

C)

## HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Testdate: May 15, 2017

Examination No: 17080

| Class                         | Pathogen(s)                        | Method(s)                    | Sentinel Animal(s) : 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                     | 0/1                                | 0/1   | 0/1   | 0/1   |     |  |  |  |  |  |
|                               | 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 spp.</i>             | 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                  | 0/1                                | 0/1   | 0/1   | 0/1   |     |  |  |  |  |  |
|                               | <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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# D) HEALTH REPORT

1/1

Facility: RIKEN BRC Experimental Animal Division

Testdate: May 15, 2017

Examination No: 17082

| Class | Pathogen(s)                           | Method(s)               | Sentinel Animal(s) : 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                | 0/1                                | 0/1        | 0/1        | 0/1        | 0/1        |  |  |  |  |  |  |
|       | 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<br>Cultivation | 0/1<br>0/1                         | 0/1<br>0/1 | 0/1<br>0/1 | 0/1<br>0/1 | 0/1<br>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             | 0/1                                | 0/1        | 0/1        | 0/1        | 0/1        |  |  |  |  |  |  |
|       | <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        |  |  |  |  |  |  |

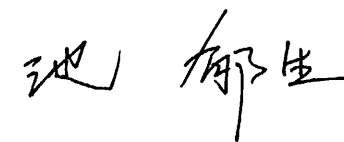
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# HEALTH REPORT

Facility: RIKEN BRC Experimental Animal Division Testdate: May 22, 2017

Examination No:17082

| Class  | Pathogen(s)                   | Method(s) | Sentinel Animal(s) : BALB/c-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 2017001969  
For the original report(s) issued by CRL Japan, please inquire.

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