

# B) HEALTH CERTIFICATE

1/1

Facility: RIKEN BRC Experimental Animal Division Date: January 14, 2014

Examination No: 13581

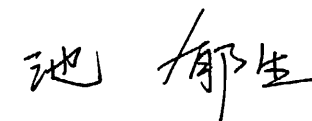
| Class       | Pathogens                          | Methods     | Animals: BALB/c-nu/+ ♀ |       |       |  |  |  |  |  |  |  |  |
|-------------|------------------------------------|-------------|------------------------|-------|-------|--|--|--|--|--|--|--|--|
|             |                     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

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Experimental Animal Division

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Fumio Ike, Ph.D.

# B) HEALTH CERTIFICATE

1/1

Facility: RIKEN BRC Experimental Animal Division Date: February 3, 2014

Examination No: 13665

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

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# C) HEALTH CERTIFICATE

1/1

Facility: RIKEN BRC Experimental Animal Division

Date: January 14, 2014

Examination No: 13583

| Class        | Pathogens                          | Methods     | Animals: BALB/c-nu/+ ♀ |       |       |       |             |             |             |             |     |  |
|--------------|------------------------------------|-------------|------------------------|-------|-------|-------|-------------|-------------|-------------|-------------|-----|--|
|              |                                    |             | 2-4-A                  | 2-4-B | 2-4-C | 2-4-E | 2-4-B<br>01 | 2-4-B<br>02 | 2-4-B<br>03 | 2-4-B<br>04 |     |  |
| A            | Mouse hepatitis virus              | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Sendai virus                       | Serology    | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
|              | Hantaan virus                      | Serology    |                        |       |       |       |             |             |             |             |     |  |
|              | Ectromelia virus                   | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Lymphocytic choriomeningitis virus | Serology    | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         | 0/1 |  |
| Cultivation  |                                    | 0/1         | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
| B            | <i>Citrobacter rodentium</i>       | Cultivation | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
|              | <i>Pasteurella pneumotropica</i>   | Cultivation | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Dermatophytes                      | Cultivation |                        |       |       |       |             |             |             |             |     |  |
|              | CAR bacillus                       | Serology    | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Ectoparasites                      | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Intestinal protozoa                | Microscopy  | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |
|              | Pinworms                           | Microscopy  | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
|              | <i>Helicobacter hepaticus</i>      | PCR         | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
|              | <i>Pseudomonas aeruginosa</i>      | Cultivation | 0/1                    | 0/1   | 0/1   | 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         | 0/1         | 0/1         | 0/1         |     |  |
| Gross lesion |                                    |             | 0/1                    | 0/1   | 0/1   | 0/1   | 0/1         | 0/1         | 0/1         | 0/1         |     |  |

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# D) HEALTH CERTIFICATE

1/1

Facility: RIKEN BRC Experimental Animal Division Date: January 14, 2014

Examination No: 13582

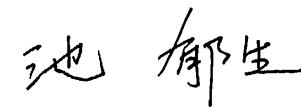
| Class                         | Pathogens                             | Methods                      | Animals: BALB/c-nu/+ ♀ |       |       |       |       |     |  |  |  |  |
|-------------------------------|---------------------------------------|------------------------------|------------------------|-------|-------|-------|-------|-----|--|--|--|--|
|                               |                                       |                              | 2-3-A                  | 2-3-B | 2-3-C | 2-3-D | 2-3-E |     |  |  |  |  |
| 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                  |                        |       |       |       |       |     |  |  |  |  |
|                               | CAR bacillus                          | 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 CERTIFICATE**

Facility: RIKEN BRC

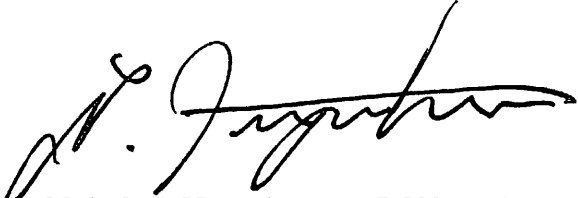
Experimental Animal Division

Date: January 22, 2014

Examination No:14Z341

| Pathogens | Animals                       | BALB/cA-nu/+ | BALB/cA-nu/+ | BALB/cA-nu/+ | BALB/cA-nu/+ | BALB/cA-nu/+ |  |  |  |  |  |
|-----------|-------------------------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|--|
|           |                               | ♀<br>2-3-A   | ♀<br>2-3-B   | ♀<br>2-3-C   | ♀<br>2-3-D   | ♀<br>2-3-E   |  |  |  |  |  |
| Serology  | EDIM virus (Rotavirus)        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse parvovirus              | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse Minute virus            | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse adenovirus (FL)         | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse adenovirus (K87)        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse cytomegalovirus         | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Mouse encephalomyelitis virus | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Murine Norovirus              | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Pneumonia virus of mice       | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Reovirus type 3               | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        | 0 / 1        |  |  |  |  |  |
|           | Gross lesion                  |              |              |              |              |              |  |  |  |  |  |

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