

2022 年 3 月 25 日

お客様 各位

生産動物 微生物モニタリング結果報告書

(2022 年 3 月度)

試験責任者：品質保証部  
マネジャー 佐藤征直





## Immunodeficient Mouse SPF/VAF Report (Barrier)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A11 Mice

Health Status

Immunodeficient

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV ad                                | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 60            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| P. aeruginosa ade                       | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Staph. aureus ade                       | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| S. moniliformis ad                      | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ad                     | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 5             | 0 / 30            |
| C. bovis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |



## Immunodeficient Mouse SPF/VAF Report (Barrier)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A11 Mice

Health Status

Immunodeficient

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Pathology            |          |             |             |                   |                   |
| Gross Exam df        | Exam     | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

#### HOUSED STRAINS

Outbred  
NU/NU CD1  
NU+ CD1

Inbred  
NU/NU B/C  
NU+ B/C

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



## Immunodeficient Mouse SPF/VAF Report (Barrier)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A12 Mice

Health Status

Immunodeficient

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV ad                                | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 60            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| P. aeruginosa ade                       | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Staph. aureus ade                       | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| S. moniliformis ad                      | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ad                     | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 5             | 0 / 30            |
| C. bovis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |



## Immunodeficient Mouse SPF/VAF Report (Barrier)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A12 Mice

Health Status

Immunodeficient

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Pathology            |          |             |             |                   |                   |
| Gross Exam df        | Exam     | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred  
NU/NU B/C  
NU+ B/C

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

# Mouse SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A13 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV bd                                | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 5             | 0 / 30            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| C. bovis bde                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |

## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A13 Mice

Health Status

SPF / VAF

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred  
C57BL/6J  
C57BL/6N

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

# Mouse SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A14 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV bd                                | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 5             | 0 / 30            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| C. bovis bde                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |

## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A14 Mice

Health Status

SPF / VAF

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

#### HOUSED STRAINS

**Outbred**  
CD-1

**Inbred**  
B6 ALBINO  
CBA/J  
NC/CRJ  
SJL

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



# Rat SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A21 Rats

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| SDAV ace                                | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 280           |
| KRV ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| H1 ac                                   | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| RPV ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| RMV ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| RTV ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ac                     | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 262           |
| C. bovis bde                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 02-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology                            |               |             |             |                   |                   |
| Ectoparasites ade                       | Exam/PCR      | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helminths ade                           | Exam/PCR      | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade                    | Exam/PCR      | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad                          | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.



**Rat SPF/VAF Report**  
**Japan**

The Jackson Laboratory Japan, Inc.  
*Location*  
Atsugi A21 Rats

*Health Status*  
SPF / VAF

| Summary Item   | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------|---------------|-------------|-------------|-------------------|-------------------|
|                |               |             | Test Date   | Positive / Tested | Positive / Tested |
| HOUSED STRAINS |               |             |             |                   |                   |
|                | Outbred<br>CD |             |             |                   |                   |

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings



## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A22 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 150           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 150           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| MuCPV bd                                | PCR           | RADS JPN    | 02-Feb-2022 | 0 / 5             | 0 / 23            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 64            |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 139           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 149           |
| C. bovis bde                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 02-Feb-2022 | 0 / 15            | 0 / 53            |



Mouse SPF/VAF Report  
Japan

|                                    |  |  |               |  |  |
|------------------------------------|--|--|---------------|--|--|
| The Jackson Laboratory Japan, Inc. |  |  | Health Status |  |  |
| Location                           |  |  | SPF / VAF     |  |  |
| Atsugi A22 Mice                    |  |  |               |  |  |

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 64            |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 54            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 02-Feb-2022 | 0 / 10            | 0 / 43            |

\* dashes indicate not tested during specified period.

|                |  |  |        |        |  |
|----------------|--|--|--------|--------|--|
| HOUSED STRAINS |  |  |        |        |  |
|                |  |  | Inbred | Hybrid |  |
|                |  |  | BALB/C | CDF-1  |  |
|                |  |  | DBA/1  |        |  |
|                |  |  | DBA/2  |        |  |

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings

# Mouse SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A24 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 280           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV bd                                | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 5             | 0 / 30            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. bilis ade                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 02-Mar-2022 | 0 / 16            | 0 / 282           |
| C. bovis bde                            | PCR           | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 07-Feb-2022 | 0 / 15            | 0 / 90            |

## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A24 Mice

Health Status

SPF / VAF

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| Helminths ade        | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 108           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 23-Feb-2022 | 0 / 1             | 0 / 88            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 07-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

HOUSED STRAINS

**Inbred**  
C57BL/6J

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



## Rat SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H11 Rats

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| SDAV ace                                | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| KRV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| H1 ac                                   | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RPV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RMV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RTV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. bilis ade                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ac                     | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| C. bovis bde                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 08-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology                            |               |             |             |                   |                   |
| Ectoparasites ade                       | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helminths ade                           | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| Enteric Protozoa ade                    | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| E. cuniculi ad                          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.



**Rat SPF/VAF Report**  
**Japan**

|                                    |                   |                              |               |                   |                   |
|------------------------------------|-------------------|------------------------------|---------------|-------------------|-------------------|
| The Jackson Laboratory Japan, Inc. |                   |                              |               |                   |                   |
| Location                           |                   |                              | Health Status |                   |                   |
| Hino H11 Rats                      |                   |                              | SPF / VAF     |                   |                   |
| Summary Item                       | Method            | Primary Lab                  | Most Recent   |                   | Past 18 Months    |
|                                    |                   |                              | Test Date     | Positive / Tested | Positive / Tested |
| HOUSED STRAINS                     |                   |                              |               |                   |                   |
|                                    | Outbred<br>WISTAR | Inbred<br>F344<br>SHR<br>WKY |               |                   |                   |

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings

# Mouse SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H12 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV bd                                | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 5             | 0 / 30            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. bilis ade                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 282           |
| C. bovis bde                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 08-Feb-2022 | 0 / 15            | 0 / 90            |

## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H12 Mice

Health Status

SPF / VAF

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helminths ade        | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred  
B6 OB  
BKS DB  
C57BL/6J

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



# Rat SPF/VAF Report

## Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H13 Rats

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| SDAV ace                                | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| KRV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| H1 ac                                   | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RPV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RMV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RTV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. bilis ade                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ac                     | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| C. bovis bde                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 08-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology                            |               |             |             |                   |                   |
| Ectoparasites ade                       | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helminths ade                           | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| Enteric Protozoa ade                    | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| E. cuniculi ad                          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.



**Rat SPF/VAF Report**  
**Japan**

The Jackson Laboratory Japan, Inc.  
*Location*  
Hino H13 Rats

*Health Status*  
SPF / VAF

| Summary Item   | Method         | Primary Lab                                           | Most Recent |                   | Past 18 Months    |
|----------------|----------------|-------------------------------------------------------|-------------|-------------------|-------------------|
|                |                |                                                       | Test Date   | Positive / Tested | Positive / Tested |
| HOUSED STRAINS |                |                                                       |             |                   |                   |
|                | Outbred<br>L/E | Inbred<br>BN<br>LEWIS<br>PCK<br>ZDF FA/+<br>ZDF FA/FA |             |                   |                   |

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings



## Rat SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H21 Rats

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| SDAV ace                                | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| KRV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| H1 ac                                   | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RPV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RMV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| RTV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. bilis ade                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 282           |
| Pneumocystis sp. ac                     | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| C. bovis bde                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 08-Feb-2022 | 0 / 15            | 0 / 90            |
| Parasitology                            |               |             |             |                   |                   |
| Ectoparasites ade                       | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helminths ade                           | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| Enteric Protozoa ade                    | Exam/PCR      | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| E. cuniculi ad                          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.



**Rat SPF/VAF Report**  
**Japan**

The Jackson Laboratory Japan, Inc.  
*Location*  
Hino H21 Rats

*Health Status*  
SPF / VAF

| Summary Item   | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------|---------------|-------------|-------------|-------------------|-------------------|
|                |               |             | Test Date   | Positive / Tested | Positive / Tested |
| HOUSED STRAINS |               |             |             |                   |                   |
|                | Outbred<br>CD |             |             |                   |                   |

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings



## Mouse SPF/VAF Report

### Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H22 Mice

Health Status

SPF / VAF

| Summary Item                            | Method        | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|---------------|-------------|-------------|-------------------|-------------------|
|                                         |               |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |               |             |             |                   |                   |
| SEND ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| PVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MHV ace                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| MVM ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MPV ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| MNV ace                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 279           |
| TMEV (GDVII) ac                         | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| REO ac                                  | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| EDIM ac                                 | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| LCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| ECTRO ad                                | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MAV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MCMV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| K ad                                    | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| POLY ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| HANT ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MTLV ad                                 | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| LDV ad                                  | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| MuCPV bd                                | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 5             | 0 / 30            |
| Microbiology                            |               |             |             |                   |                   |
| B. bronchiseptica ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| C. rodentium ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| F. rodentium (CAR Bacillus) ad          | MFIA/PCR      | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| C. kutscheri ade                        | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. bilis ade                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| H. hepaticus ade                        | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helicobacter sp. ade                    | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| M. pulmonis ac                          | MFIA/PCR      | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 262           |
| R. heylII (P.pneumotropica) ade         | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| R. pneumotropicus (P.pneumotropica) ade | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| P. aeruginosa bd                        | Culture/PCR   | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Salmonella sp. ade                      | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| S. moniliformis ad                      | PCR           | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |
| Strep. pneumoniae ade                   | Culture/PCR   | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| CPIL (Tyzzer's Disease) ac              | Exam/MFIA/PCR | RADS JPN    | 09-Mar-2022 | 0 / 16            | 0 / 282           |
| C. bovis bde                            | PCR           | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Pathology                               |               |             |             |                   |                   |
| Gross Exam df                           | Exam          | RADS JPN    | 08-Feb-2022 | 0 / 15            | 0 / 90            |



Mouse SPF/VAF Report  
Japan

The Jackson Laboratory Japan, Inc.  
Location  
Hino H22 Mice

Health Status  
SPF / VAF

| Summary Item         | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|----------------------|----------|-------------|-------------|-------------------|-------------------|
|                      |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Parasitology         |          |             |             |                   |                   |
| Ectoparasites ade    | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| Helminths ade        | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 107           |
| Enteric Protozoa ade | Exam/PCR | RADS JPN    | 24-Feb-2022 | 0 / 1             | 0 / 87            |
| E. cuniculi ad       | MFIA/PCR | RADS JPN    | 08-Feb-2022 | 0 / 10            | 0 / 70            |

\* dashes indicate not tested during specified period.  
HOUSED STRAINS

|                        |                                           |                                  |
|------------------------|-------------------------------------------|----------------------------------|
| <b>Outbred</b><br>CD-1 | <b>Inbred</b><br>C3H<br>C57BL/6N<br>DBA/2 | <b>Hybrid</b><br>B6C3F1<br>BDF-1 |
|------------------------|-------------------------------------------|----------------------------------|

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other  
f = results do not include incidental or strain related findings



## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A15 Mice

Health Status

SPF Isolator

| Summary Item                            | Method      | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|-------------|-------------|-------------|-------------------|-------------------|
|                                         |             |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |             |             |             |                   |                   |
| SEND ac                                 | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| PVM ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| MHV ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| MVM ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| MPV ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| MNV ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| TMEV (GDVII) ac                         | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| REO ac                                  | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| EDIM ac                                 | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| LCMV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| ECTRO a                                 | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| MAV a                                   | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| MCMV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| K a                                     | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| POLY a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| HANT a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| MTLV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| LDV a                                   | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| MuCPV a                                 | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| Microbiology                            |             |             |             |                   |                   |
| B. bronchiseptica abc                   | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| C. rodentium abc                        | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| F. rodentium (CAR Bacillus) a           | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| C. kutscheri abc                        | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| H. bilis ac                             | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| H. hepaticus ac                         | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| Helicobacter sp. ac                     | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| M. pulmonis ac                          | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| R. heylII (P.pneumotropica) abc         | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| R. pneumotropicus (P.pneumotropica) abc | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| P. aeruginosa abc                       | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| Salmonella sp. abc                      | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| Staph. aureus abc                       | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| S. moniliformis a                       | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| Strep. pneumoniae abc                   | Culture/PCR | RADS JPN    | 08-Mar-2022 | 0 / 45            | 0 / 168           |
| Beta Strep. sp. a                       | Culture/PCR | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| CPIL (Tyzzer's Disease) ac              | Exam/PCR    | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| Pneumocystis sp. ac                     | PCR         | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |



## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A15 Mice

Health Status

SPF Isolator

| Summary Item       | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|--------------------|----------|-------------|-------------|-------------------|-------------------|
|                    |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Microbiology       |          |             |             |                   |                   |
| C. bovis ac        | PCR      | RADS JPN    | 08-Mar-2022 | 0 / 10            | 0 / 62            |
| Pathology          |          |             |             |                   |                   |
| Gross Exam ad      | Exam     | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| Parasitology       |          |             |             |                   |                   |
| Ectoparasites a    | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| Helminths a        | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| Enteric Protozoa a | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |
| E. cuniculi a      | PCR      | RADS JPN    | 07-Mar-2022 | 0 / 12            | 0 / 32            |

\* dashes indicate not tested during specified period.

#### HOUSED STRAINS

#### Other Strains

Congenetic

CB17SCID

COLONY POLICY FOR POSITIVE RESULT: immediate termination

TESTING SCHEDULE: a = screened annually; b = environmental bacteriology is done 11 times a year; c = environmental PCR is done triannually

#### Other

d = results do not include incidental or strain related findings

## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T21 Mice

Health Status

SPF Isolator

| Summary Item                            | Method      | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|-------------|-------------|-------------|-------------------|-------------------|
|                                         |             |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |             |             |             |                   |                   |
| SEND ac                                 | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| PVM ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| MHV ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| MVM ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| MPV ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| MNV ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| TMEV (GDVII) ac                         | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| REO ac                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| EDIM ac                                 | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| LCMV a                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| ECTRO a                                 | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| MAV a                                   | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| MCMV a                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| K a                                     | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| POLY a                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| HANT a                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| MTLV a                                  | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| LDV a                                   | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| MuCPV a                                 | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 213           |
| Microbiology                            |             |             |             |                   |                   |
| B. bronchiseptica abc                   | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| C. rodentium abc                        | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| F. rodentium (CAR Bacillus) a           | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| C. kutscheri abc                        | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| H. bilis ac                             | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| H. hepaticus ac                         | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| Helicobacter sp. ac                     | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| M. pulmonis ac                          | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| R. heylII (P.pneumotropica) abc         | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| R. pneumotropicus (P.pneumotropica) abc | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| P. aeruginosa abc                       | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| Salmonella sp. abc                      | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| Staph. aureus abc                       | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| S. moniliformis a                       | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| Strep. pneumoniae abc                   | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 78            | 0 / 1,210         |
| Beta Strep. sp. a                       | Culture/PCR | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| CPIL (Tyzzer's Disease) ac              | Exam/PCR    | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| Pneumocystis sp. ac                     | PCR         | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |

## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T21 Mice

Health Status

SPF Isolator

| Summary Item       | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|--------------------|----------|-------------|-------------|-------------------|-------------------|
|                    |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Microbiology       |          |             |             |                   |                   |
| C. bovis ac        | PCR      | RADS JPN    | 01-Mar-2022 | 0 / 32            | 0 / 471           |
| Pathology          |          |             |             |                   |                   |
| Gross Exam ad      | Exam     | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| Parasitology       |          |             |             |                   |                   |
| Ectoparasites a    | Exam/PCR | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| Helminths a        | Exam/PCR | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| Enteric Protozoa a | Exam/PCR | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |
| E. cuniculi a      | PCR      | RADS JPN    | 01-Mar-2022 | 0 / 20            | 0 / 272           |

\* dashes indicate not tested during specified period.

#### HOUSED STRAINS

Outbred  
SHO

Other Strains  
Congenetic  
NSG

COLONY POLICY FOR POSITIVE RESULT: immediate termination

TESTING SCHEDULE: a = screened annually; b = environmental bacteriology is done 11 times a year; c = environmental PCR is done triannually

Other

d = results do not include incidental or strain related findings

## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T23 Mice

Health Status

SPF Isolator

| Summary Item                            | Method      | Primary Lab | Most Recent |                   | Past 18 Months    |
|-----------------------------------------|-------------|-------------|-------------|-------------------|-------------------|
|                                         |             |             | Test Date   | Positive / Tested | Positive / Tested |
| Virology                                |             |             |             |                   |                   |
| SEND ac                                 | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| PVM ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| MHV ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| MVM ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| MPV ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| MNV ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| TMEV (GDVII) ac                         | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| REO ac                                  | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| EDIM ac                                 | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| LCMV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| ECTRO a                                 | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| MAV a                                   | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| MCMV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| K a                                     | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| POLY a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| HANT a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| MTLV a                                  | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| LDV a                                   | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| MuCPV a                                 | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 258           |
| Microbiology                            |             |             |             |                   |                   |
| B. bronchiseptica abc                   | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| C. rodentium abc                        | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| F. rodentium (CAR Bacillus) a           | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| C. kutscheri abc                        | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| H. bilis ac                             | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| H. hepaticus ac                         | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| Helicobacter sp. ac                     | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| M. pulmonis ac                          | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| R. heylII (P.pneumotropica) abc         | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| R. pneumotropicus (P.pneumotropica) abc | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| P. aeruginosa abc                       | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| Salmonella sp. abc                      | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| Staph. aureus abc                       | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| S. moniliformis a                       | PCR         | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| Strep. pneumoniae abc                   | Culture/PCR | RADS JPN    | 15-Mar-2022 | 0 / 66            | 0 / 1,478         |
| Beta Strep. sp. a                       | Culture/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| CPIL (Tyzzler's Disease) ac             | Exam/PCR    | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| Pneumocystis sp. ac                     | PCR         | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |

## Immunodeficient Mouse SPF/VAF Report (Isolator)

### Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T23 Mice

Health Status

SPF Isolator

| Summary Item       | Method   | Primary Lab | Most Recent |                   | Past 18 Months    |
|--------------------|----------|-------------|-------------|-------------------|-------------------|
|                    |          |             | Test Date   | Positive / Tested | Positive / Tested |
| Microbiology       |          |             |             |                   |                   |
| C. bovis ac        | PCR      | RADS JPN    | 15-Mar-2022 | 0 / 15            | 0 / 567           |
| Pathology          |          |             |             |                   |                   |
| Gross Exam ad      | Exam     | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| Parasitology       |          |             |             |                   |                   |
| Ectoparasites a    | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| Helminths a        | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| Enteric Protozoa a | Exam/PCR | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |
| E. cuniculi a      | PCR      | RADS JPN    | 07-Mar-2022 | 0 / 16            | 0 / 316           |

\* dashes indicate not tested during specified period.

HOUSED STRAINS

#### Other Strains

Congenetic

NOD SCID J

SCIDBEIGE

COLONY POLICY FOR POSITIVE RESULT: immediate termination

TESTING SCHEDULE: a = screened annually; b = environmental bacteriology is done 11 times a year; c = environmental PCR is done triannually

Other

d = results do not include incidental or strain related findings