

2022 年 1 月 28 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 1 月度)

試験責任者：品質保証部

マネジャー 佐藤征直



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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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MuCPV ad	PCR	RADS JPN	01-Nov-2021	0 / 10	0 / 50
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
P. aeruginosa ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Staph. aureus ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
S. moniliformis ad	PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	01-Nov-2021	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	22-Dec-2021	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	01-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 103
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MuCPV ad	PCR	RADS JPN	01-Nov-2021	0 / 10	0 / 50
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
P. aeruginosa ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Staph. aureus ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
S. moniliformis ad	PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	01-Nov-2021	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	22-Dec-2021	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	01-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 103
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	01-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
P. aeruginosa bd	Culture/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
S. moniliformis ad	PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	01-Nov-2021	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	22-Dec-2021	0 / 1	0 / 88
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	01-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
R. heylji (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
P. aeruginosa bd	Culture/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
S. moniliformis ad	PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	01-Nov-2021	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	22-Dec-2021	0 / 1	0 / 88
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
SDAV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
KRV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
H1 ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
RPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
RMV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
RTV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
P. aeruginosa bd	Culture/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
S. moniliformis ad	PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	08-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	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 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	05-Jan-2022	0 / 16	0 / 113
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 122
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 122
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
LCMV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
ECTRO ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
MAV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
MCMV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
K ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
POLY ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
HANT ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
MTLV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
LDV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
MuCPV bd	PCR	RADS JPN	08-Nov-2021	0 / 5	0 / 18
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 47
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 113
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
P. aeruginosa bd	Culture/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
S. moniliformis ad	PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 118
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
Pathology					
Gross Exam df	Exam	RADS JPN	08-Nov-2021	0 / 15	0 / 38



Mouse SPF/VAF Report
Japan

The Jackson Laboratory Japan, Inc.
Location
Atsugi A22 Mice

Location			Health Status		
Atsugi A22 Mice			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	22-Dec-2021	0 / 1	0 / 42
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 47
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 42
E. cuniculi ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 33

* 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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	01-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
P. aeruginosa bd	Culture/PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
S. moniliformis ad	PCR	RADS JPN	01-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	01-Nov-2021	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	22-Dec-2021	0 / 1	0 / 88
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	01-Nov-2021	0 / 15	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



Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A25 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	05-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
MVM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 280
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	08-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
C. rodentium ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. bilis ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
H. hepaticus ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Helicobacter sp. ade	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
P. aeruginosa bd	Culture/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
S. moniliformis ad	PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	08-Nov-2021	0 / 15	0 / 90



Mouse SPF/VAF Report
Japan

The Jackson Laboratory Japan, Inc.
Location
Atsugi A25 Mice

Location			Health Status		
Atsugi A25 Mice			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	22-Dec-2021	0 / 1	0 / 88
Helminths ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 108
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Dec-2021	0 / 1	0 / 88
E. cuniculi ad	MFIA/PCR	RADS JPN	08-Nov-2021	0 / 15	0 / 70

* dashes indicate not tested during specified period.
HOUSED STRAINS

Inbred BALB/C DBA/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



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	12-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
SDAV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
KRV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
H1 ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RPV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RMV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RTV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. bilis ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. hepaticus ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helicobacter sp. ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
P. aeruginosa bd	Culture/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
S. moniliformis ad	PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
CPIL (Tyzzers's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
C. bovis bde	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Pathology					
Gross Exam df	Exam	RADS JPN	09-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helminths ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
E. cuniculi ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70

* dashes indicate not tested during specified period.



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
HOUSED STRAINS					
	Outbred WISTAR	Inbred F344 SHR 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	12-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
MVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	09-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
C. rodentium ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. bilis ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. hepaticus ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helicobacter sp. ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
P. aeruginosa bd	Culture/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
S. moniliformis ad	PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Pathology					
Gross Exam df	Exam	RADS JPN	09-Nov-2021	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	23-Dec-2021	0 / 1	0 / 87
Helminths ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
E. cuniculi ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	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	12-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
SDAV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
KRV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
H1 ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RPV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RMV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RTV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. bilis ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. hepaticus ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helicobacter sp. ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
P. aeruginosa bd	Culture/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
S. moniliformis ad	PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
C. bovis bde	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Pathology					
Gross Exam df	Exam	RADS JPN	09-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helminths ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
E. cuniculi ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	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 L/E	Inbred BN LEWIS PCK ZDF FA/+ 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	12-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
SDAV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
KRV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
H1 ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RPV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RMV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
RTV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. bilis ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. hepaticus ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helicobacter sp. ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
P. aeruginosa bd	Culture/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
S. moniliformis ad	PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
C. bovis bde	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Pathology					
Gross Exam df	Exam	RADS JPN	09-Nov-2021	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helminths ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
E. cuniculi ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	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 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	12-Jan-2022	0 / 16	0 / 262
PVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MHV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
MVM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MPV ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
MNV ace	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 279
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
REO ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
EDIM ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
LCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
ECTRO ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MAV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MCMV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
K ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
POLY ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
HANT ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MTLV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
LDV ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
MuCPV bd	PCR	RADS JPN	09-Nov-2021	0 / 5	0 / 25
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
C. rodentium ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
C. kutscheri ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. bilis ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
H. hepaticus ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Helicobacter sp. ade	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 262
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
P. aeruginosa bd	Culture/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Salmonella sp. ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
S. moniliformis ad	PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70
Strep. pneumoniae ade	Culture/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jan-2022	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
Pathology					
Gross Exam df	Exam	RADS JPN	09-Nov-2021	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	23-Dec-2021	0 / 1	0 / 87
Helminths ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	23-Dec-2021	0 / 1	0 / 87
E. cuniculi ad	MFIA/PCR	RADS JPN	09-Nov-2021	0 / 15	0 / 70

* dashes indicate not tested during specified period.
HOUSED STRAINS

Outbred CD-1	Inbred C3H C57BL/6N DBA/2	Hybrid B6C3F1 BDF-1
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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	11-Jan-2022	0 / 10	0 / 18
PVM ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
MHV ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
MVM ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
MPV ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
MNV ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
TMEV (GDVII) ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
REO ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
EDIM ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
LCMV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
ECTRO a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
MAV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
MCMV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
K a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
POLY a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
HANT a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
MTLV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
LDV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
MuCPV a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
C. rodentium abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
C. kutscheri abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
H. bilis ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
H. hepaticus ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
Helicobacter sp. ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
M. pulmonis ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
P. aeruginosa abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
Salmonella sp. abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
Staph. aureus abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
S. moniliformis a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
Strep. pneumoniae abc	Culture/PCR	RADS JPN	11-Jan-2022	0 / 46	0 / 54
Beta Strep. sp. a	Culture/PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18
Pneumocystis sp. ac	PCR	RADS JPN	11-Jan-2022	0 / 10	0 / 18



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	11-Jan-2022	0 / 10	0 / 18
Pathology					
Gross Exam ad	Exam	RADS JPN	04-Jan-2022	0 / 8	0 / 8
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
Helminths a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
Enteric Protozoa a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8
E. cuniculi a	PCR	RADS JPN	04-Jan-2022	0 / 8	0 / 8

* 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	04-Jan-2022	0 / 29	0 / 455
PVM ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
MHV ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
MVM ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
MPV ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
MNV ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
TMEV (GDVII) ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
REO ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
EDIM ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
LCMV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
ECTRO a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
MAV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
MCMV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
K a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
POLY a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
HANT a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
MTLV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
LDV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
MuCPV a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 173
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
C. rodentium abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
C. kutscheri abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
H. bilis ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
H. hepaticus ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
Helicobacter sp. ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
M. pulmonis ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
R. heylii (P.pneumotropica) abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
P. aeruginosa abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
Salmonella sp. abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
Staph. aureus abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
S. moniliformis a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
Strep. pneumoniae abc	Culture/PCR	RADS JPN	04-Jan-2022	0 / 71	0 / 1,187
Beta Strep. sp. a	Culture/PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455
Pneumocystis sp. ac	PCR	RADS JPN	04-Jan-2022	0 / 29	0 / 455

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	04-Jan-2022	0 / 29	0 / 455
Pathology					
Gross Exam ad	Exam	RADS JPN	04-Jan-2022	0 / 20	0 / 256
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
Helminths a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
Enteric Protozoa a	Exam/PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256
E. cuniculi a	PCR	RADS JPN	04-Jan-2022	0 / 20	0 / 256

* 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	18-Jan-2022	0 / 14	0 / 567
PVM ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
MHV ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
MVM ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
MPV ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
MNV ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
TMEV (GDVII) ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
REO ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
EDIM ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
LCMV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
ECTRO a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
MAV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
MCMV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
K a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
POLY a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
HANT a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
MTLV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
LDV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
MuCPV a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 226
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
C. rodentium abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
C. kutscheri abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
H. bilis ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
H. hepaticus ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
Helicobacter sp. ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
M. pulmonis ac	PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
R. heylii (P.pneumotropica) abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
P. aeruginosa abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
Salmonella sp. abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
Staph. aureus abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
S. moniliformis a	PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
Strep. pneumoniae abc	Culture/PCR	RADS JPN	18-Jan-2022	0 / 65	0 / 1,478
Beta Strep. sp. a	Culture/PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	18-Jan-2022	0 / 14	0 / 567
Pneumocystis sp. ac	PCR	RADS JPN	18-Jan-2022	0 / 14	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	18-Jan-2022	0 / 14	0 / 567
Pathology					
Gross Exam ad	Exam	RADS JPN	11-Jan-2022	0 / 16	0 / 316
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
Helminths a	Exam/PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
Enteric Protozoa a	Exam/PCR	RADS JPN	11-Jan-2022	0 / 16	0 / 316
E. cuniculi a	PCR	RADS JPN	11-Jan-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