

2023 年 7 月 31 日

お客様 各位

生産動物 微生物モニタリング結果報告書

(2023 年 7 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	10-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 60
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
M. pulmonis ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
P. aeruginosa ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Staph. aureus ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107

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	08-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred	Inbred
NU/NU CD1	NU/NU B/C
NU+ CD1	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	10-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 60
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
M. pulmonis ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
P. aeruginosa ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Staph. aureus ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107

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	08-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* 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

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	10-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
R. heyltii (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90

The Jackson Laboratory Japan, Inc.

Location		Health Status			
Atsugi A14 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	28-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred	Inbred
CD-1	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-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 274
KRV ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
H1 ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
RPV ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
RMV ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
RTV ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
C. bovis bde	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	15-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

Rat SPF/VAF Report
Japan

The Jackson Laboratory Japan, Inc.

Location		Health Status			
Atsugi A21 Rats		SPF / VAF			
Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
HOUSED STRAINS					
	Outbred				
	CD				
	WISTAR				

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

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-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	15-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 257
R. heyltii (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	05-Jul-2023	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	15-May-2023	0 / 15	0 / 90

The Jackson Laboratory Japan, Inc.

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	28-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65

* 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	10-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	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	28-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* 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

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	10-Jul-2023	0 / 16	0 / 225
PVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
MHV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 240
MVM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
MPV ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
MNV ace	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 240
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
REO ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
EDIM ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
C. rodentium ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 105
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
H. bilis ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
H. hepaticus ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
Helicobacter sp. ade	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
M. pulmonis ac	MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 225
R. heyltii (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-Jul-2023	0 / 16	0 / 250
C. bovis bde	PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90

The Jackson Laboratory Japan, Inc.

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	28-Jun-2023	0 / 1	0 / 80
Helminths ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 105
Enteric Protozoa ade	Exam/PCR	RADS JPN	28-Jun-2023	0 / 1	0 / 80
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* 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

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-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 274
KRV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
H1 ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
RPV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
RMV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
RTV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
R. heyltii (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
C. bovis bde	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65

* 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					
	Inbred				
	BN				
	F344				
	LEWIS				
	PCK				
	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-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	09-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	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	22-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65

* 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

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-Jul-2023	0 / 16	0 / 257
PVM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MHV ace	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 274
MVM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MPV ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
MNV ace	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
REO ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	09-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. bilis ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
H. hepaticus ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 257
R. heyltii (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Jul-2023	0 / 16	0 / 282
C. bovis bde	PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90

The Jackson Laboratory Japan, Inc.

Location		Health Status			
Hino H22 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-Jun-2023	0 / 1	0 / 82
Helminths ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	22-Jun-2023	0 / 1	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred	Inbred	Hybrid
CD-1	C3H	B6C3F1
	C57BL/6N	BDF-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

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-Jul-2023	0 / 9	0 / 396
PVM ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
MHV ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
MVM ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
MPV ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
MNV ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
TMEV (GDVII) ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
REO ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
EDIM ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
LCMV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
ECTRO a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
MAV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
MCMV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
K a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
POLY a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
HANT a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
MTLV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
LDV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
MuCPV a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
C. rodentium abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
C. kutscheri abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
H. bilis ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
H. hepaticus ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
Helicobacter sp. ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
M. pulmonis ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
P. aeruginosa abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
Salmonella sp. abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
Staph. aureus abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
S. moniliformis a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
Strep. pneumoniae abc	Culture/PCR	RADS JPN	11-Jul-2023	0 / 44	0 / 1,024
Beta Strep. sp. a	Culture/PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396
Pneumocystis sp. ac	PCR	RADS JPN	11-Jul-2023	0 / 9	0 / 396

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-Jul-2023	0 / 9	0 / 396
Pathology					
Gross Exam ad	Exam	RADS JPN	10-Jul-2023	0 / 12	0 / 224
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
Helminths a	Exam/PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
Enteric Protozoa a	Exam/PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224
E. cuniculi a	PCR	RADS JPN	10-Jul-2023	0 / 12	0 / 224

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenic
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-Jul-2023	0 / 15	0 / 556
PVM ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
MHV ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
MVM ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
MPV ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
MNV ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
TMEV (GDVII) ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
REO ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
EDIM ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
LCMV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
ECTRO a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
MAV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
MCMV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
K a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
POLY a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
HANT a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
MTLV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
LDV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
MuCPV a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
C. rodentium abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
C. kutscheri abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
H. bilis ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
H. hepaticus ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
Helicobacter sp. ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
M. pulmonis ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
P. aeruginosa abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
Salmonella sp. abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
Staph. aureus abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
S. moniliformis a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
Strep. pneumoniae abc	Culture/PCR	RADS JPN	04-Jul-2023	0 / 64	0 / 1,420
Beta Strep. sp. a	Culture/PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
CPIL (Tyzzzer's Disease) ac	Exam/PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556
Pneumocystis sp. ac	PCR	RADS JPN	04-Jul-2023	0 / 15	0 / 556

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-Jul-2023	0 / 15	0 / 556
Pathology					
Gross Exam ad	Exam	RADS JPN	03-Jul-2023	0 / 16	0 / 320
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
Helminths a	Exam/PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
Enteric Protozoa a	Exam/PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320
E. cuniculi a	PCR	RADS JPN	03-Jul-2023	0 / 16	0 / 320

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred
SHO

Other Strains
Congenic
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 Health Status
Tsukuba T22 Mice 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-Jul-2023	0 / 10	0 / 466
PVM ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
MHV ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
MVM ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
MPV ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
MNV ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
TMEV (GDVII) ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
REO ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
EDIM ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
LCMV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
ECTRO a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
MAV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
MCMV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
K a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
POLY a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
HANT a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
MTLV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
LDV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
MuCPV a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
C. rodentium abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
C. kutscheri abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
H. bilis ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
H. hepaticus ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
Helicobacter sp. ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
M. pulmonis ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
P. aeruginosa abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
Salmonella sp. abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
Staph. aureus abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
S. moniliformis a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
Strep. pneumoniae abc	Culture/PCR	RADS JPN	18-Jul-2023	0 / 51	0 / 1,177
Beta Strep. sp. a	Culture/PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
CPIL (Tyzzers Disease) ac	Exam/PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466
Pneumocystis sp. ac	PCR	RADS JPN	18-Jul-2023	0 / 10	0 / 466

Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

Location		Health Status			
Tsukuba T22 Mice		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-Jul-2023	0 / 10	0 / 466
Pathology					
Gross Exam ad	Exam	RADS JPN	04-Jul-2023	0 / 16	0 / 276
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
Helminths a	Exam/PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
Enteric Protozoa a	Exam/PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276
E. cuniculi a	PCR	RADS JPN	04-Jul-2023	0 / 16	0 / 276

* 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