

## Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 30 September 2021

### Microbiological Entity/Unit

Building: BRI

Room(s): POD 1; 1111, 1114, 1102

Genome Modification Facility

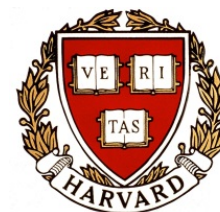
### Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



### Contact person (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 6642

### Testing Results:

| Testing Results:                                      |                    |                |             | Most recent tests                                                           |                              | Historical results           |                   |
|-------------------------------------------------------|--------------------|----------------|-------------|-----------------------------------------------------------------------------|------------------------------|------------------------------|-------------------|
|                                                       |                    |                |             | Tested subject<br><br><i>(sentinel, colony animal, environmental, etc.)</i> |                              | Collected over 18 months     |                   |
|                                                       | Testing Laboratory | Testing method |             | Date                                                                        | No. positives/<br>No. tested | No. positives/<br>No. tested | Testing frequency |
| Viruses :                                             |                    |                |             |                                                                             |                              |                              |                   |
| Ectromelia virus <sup>1</sup>                         | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Hantaviruses                                          | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| K virus                                               |                    |                |             | Not tested                                                                  |                              |                              |                   |
| Lactate dehydrogenase elevating virus                 |                    |                |             | Not tested                                                                  |                              |                              |                   |
| Lymphocytic choriomeningitis virus <sup>1</sup>       | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse adenovirus (type 1) <sup>1</sup>                | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse adenovirus (type 2) <sup>1</sup>                | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse cytomegalovirus                                 |                    |                |             | Not tested                                                                  |                              |                              |                   |
| Mouse hepatitis virus <sup>1</sup>                    | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse norovirus <sup>1</sup>                          | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse rotavirus <sup>1</sup>                          | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Mouse thymic virus                                    |                    |                |             | Not tested                                                                  |                              |                              |                   |
| Parvovirus <sup>1</sup>                               | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| - NS1                                                 |                    |                |             | Not tested                                                                  |                              |                              |                   |
| - MPV <sup>1</sup>                                    | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| - MVM <sup>1</sup>                                    | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Polyoma virus                                         |                    |                |             | Not tested                                                                  |                              |                              |                   |
| Pneumonia virus of mice <sup>1</sup>                  | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Reovirus type 3 <sup>1</sup>                          | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Sendai virus <sup>1</sup>                             | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |
| Theiler's murine encephalomyelitis virus <sup>1</sup> | CRL                | PCR            | Environment | 30-Sep-21                                                                   | 0/12                         | 0/66                         | Quarterly         |

### Bacteria & fungi:

|                                                                  |     |     |             |           |      |      |           |
|------------------------------------------------------------------|-----|-----|-------------|-----------|------|------|-----------|
| β-hemolytic <i>Streptococcus</i> spp. (not group D) <sup>1</sup> | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Bordetella bronchiseptica</i>                                 | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Bordetella hinzii</i>                                         | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Campylobacter</i> spp.                                        | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| Cilia-associated respiratory bacillus                            | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Citrobacter rodentium</i> <sup>1</sup>                        | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Clostridium piliforme</i> <sup>1</sup>                        | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Corynebacterium bovis</i>                                     | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Corynebacterium kutscheri</i> <sup>1</sup>                    | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Helicobacter</i> spp. <sup>1</sup>                            | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Klebsiella oxytoca</i>                                        | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |

1: The 2014 FELASA recommendations include these agents.

\* Agents formerly known as *Pasteurella pneumotropica*, Heyl and Jawetz

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### Testing Results (continued):

| Testing Results (continued): |                                                  |                |                                                | Most recent tests        |                              | Historical results           |                   |           |
|------------------------------|--------------------------------------------------|----------------|------------------------------------------------|--------------------------|------------------------------|------------------------------|-------------------|-----------|
|                              |                                                  |                | Tested subject                                 | Collected over 18 months |                              |                              |                   |           |
|                              | Testing Laboratory                               | Testing method | (sentinel, colony animal, environmental, etc.) | Date                     | No. positives/<br>No. tested | No. positives/<br>No. tested | Testing frequency |           |
| Bacteria & fungi (continued) |                                                  |                |                                                |                          |                              |                              |                   |           |
|                              | <i>Klebsiella pneumoniae</i>                     | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Mycoplasma pulmonis</i> <sup>1</sup>          | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Rodentibacter heylII</i> <sup>1</sup>         | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Rodentibacter pneumotropicus</i> <sup>1</sup> | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Proteus mirabilis</i>                         | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Pseudomonas aeruginosa</i>                    | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Pneumocystis murina</i>                       | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Salmonella</i> spp. <sup>1</sup>              | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Staphylococcus aureus</i>                     | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Streptobacillus moniliformis</i> <sup>1</sup> | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |
|                              | <i>Streptococcus pneumoniae</i> <sup>1</sup>     | CRL            | PCR                                            | Environment              | 30-Sep-21                    | 0/12                         | 0/66              | Quarterly |

### Parasites<sup>1</sup>:

#### Mites

|                             |     |     |             |           |      |      |           |
|-----------------------------|-----|-----|-------------|-----------|------|------|-----------|
| <i>Demodex musculi</i>      | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| <i>Myobia musculi</i>       | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| <i>Myocoptes musculinus</i> | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| <i>Radfordia affinis</i>    | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |

#### Pinworms

|                               |     |     |             |           |      |      |           |
|-------------------------------|-----|-----|-------------|-----------|------|------|-----------|
| <i>Aspiculuris tetraptera</i> | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| <i>Syphacia oblevata</i>      | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |

#### Protozoan

|                             |     |     |             |           |      |      |           |
|-----------------------------|-----|-----|-------------|-----------|------|------|-----------|
| <i>Cryptosporidium</i> spp. | CRL | PCR | Environment | 30-Sep-21 | 0/10 | 0/66 | Quarterly |
| <i>Entamoeba muris</i>      | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Giardia muris</i>        | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Spironucleus muris</i>   | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |
| <i>Trichomonas muris</i>    | CRL | PCR | Environment | 30-Sep-21 | 0/12 | 0/66 | Quarterly |

Additional agents for which testing has been performed:

Pathology:

### Additional comments:

Please contact the facility for further information on opening and closing of rooms in this pod.

1: The 2014 FELASA recommendations include these agents.

\* Agents formerly known as *Pasteurella pneumotropica*, Heyl and Jawetz