

NP 1/17/18

## Column E Explanation

1. Registration Number: 93-R-0015
2. Number of animals used in these studies: 4
3. Species (common name) of animals used in the study: Naked Mole Rat (NMR)
4. Explain the procedure producing pain and/or distress.

Four NMR were anesthetized for intra-tracheal Lentivirus injection (a category D procedure); subsequent to the injection, the protocol called for euthanasia at defined time points for tissue collection. Pain or distress, beyond the intra-tracheal injection procedure, was not anticipated based on outcomes previously observed in mice. However, the NMR were found dead in their cages prior to scheduled euthanasia.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below):

Administration of drugs to relieve pain or distress in these NMR beyond the intra-tracheal injection procedure was not done as there was no indication of pain or distress during the monitoring time point the evening prior to the morning when the animals were found dead. Consequently, the four NMR are listed as USDA Category E because they died unexpectedly prior to scheduled euthanasia.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): Not applicable.

Agency: \_\_\_\_\_ CFR: \_\_\_\_\_