**Datasheet For Genetically Modified Rats**

In caseof deposition of genetically modified rats, please submit this document by e-mail.

Please use one form for each strain.

**Example**

1. Depositor’s Information

|  |  |
| --- | --- |
| Name | Birger Voigt |
| Organization / Faculty / Job title | Institute of Laboratory Animals, Graduate School of Medicine, Kyoto University, Birger Voigt, Research Associate |
| Address | Yoshidakonoe-cho, Sakyo-ku, Kyoto-city 606-8501 Kyoto |

1. Strain Information

|  |  |
| --- | --- |
| Strain Name | W-Tg(Nanog-GFP,-PuroR)22Kyo |
| DNA source | Rat, Aequorea Victoria, Streptomyces ssp. |
| Integrated DNA from source | Mouse Nanog promoter,  Green Fluorescent Protein (GFP) gene,  Puromycin resistance gene (PuroR) gene |
| Used vector | Not used |
| Characters and risks of Integrated DNA | All DNA suppliers are already identified and non infectious. Containment level : P1A |
| Characters of Integrated DNA and the products | Nanog-GFP IRES puro-resistance transgene was generated by insertion of GFP-IRES-puromycin resistance gene (PuroR) cassette into the 5' untranslated region of a bacterial artificial chromosome (BAC) containing the mouse Nanog gene. ES and iPS cells with the Nanog-GFP transgene are positive for GFP and puromycin  DNA of the Green Fluorescent Protein (GFP): absorption of 460nm emitted light causes the GFP to emit green fluorescent colored light. |
| Characters and risks of the developed rat | These transgenic rats express Green Fluorescent Protein (GFP) and Puromycin resistance (PuroR) under the direction of the Nanog promoter. |

1. Objective for the developed rats

|  |  |
| --- | --- |
| Aim | Development of pluripotent cells of Rattus norvegicus |
| Approval Date | 2011/8/11 |
| Approver | Hiroshi Matsumoto, President of Kyoto University |

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1. Strain Information

|  |  |
| --- | --- |
| Strain Name |  |
| DNA source |  |
| Integrated DNA from source |  |
| Used vector |  |
| Characters and risks of Integrated DNA |  |
| Characters of Integrated DNA and the products |  |
| Characters and risks of the developed rat |  |

1. Objective for the developed rats

|  |  |
| --- | --- |
| Aim |  |
| Approval Date |  |
| Approver |  |