Cytogenetics And Down Syndrome Models Resource Request For Animals Form

Eunice Kennedy Shriver National Institutes of Health/National Institute of Child Health and Human Development Distribution NICHD)/National Institutes of Health (NIH) Distribution Mouse Models for Chromosomal Disorders

The Cytogenetics and Down Syndrome Mouse Models Resource is funded by an NICHD/NIH contract and administered by The Jackson Laboratory. All requests for mice are reviewed by NICHD Program Officers. Special consideration regarding inventory allotment and price is given to those investigators with federal funding pursuant to the study of Down syndrome or related research. It is required that all investigators requesting mice fill out the request form below. You will be contacted by customer service to finalize the specifics of your order before it is placed. Approval of a request does not guarantee that an order will be fulfilled exactly as it is requested, as orders will be filled based on strain availability and need to maintain the colony.

Please place your order with the JAX Customer Service Department at 1-800-422-MICE or (207) 288-5845, or fax to 207-288-6150, before completing this form. Please include the JAX Sales number we provide on this form.

Please send completed forms to **cytogenetics@jax.org**.

A: General Requester Information

General Information

Email

Investigator's First Name

Investigator's Last Name

Institution

Address

Address 2

City

State/Province

Zip/Postal Code

Country

Telephone

Fax

B: Funding source (e.g., National Institutes of Health, Howard Hughes, etc). Please avoid the use of undefined acronyms.

Funding Source

If you do not have a funding source for the project, please indicate none.

If Not U.S.-Based, Please Provide A Weblink To The Funding Source

Grant or Contract Number

If you do not have a funding source for the project, please indicate none.

JAX Sales Order Number

Please place your order with the JAX Customer Service Department at 1-800-422-MICE or (207) 288-5845, or fax to 207-288-6150, before completing this form. Please include the JAX Sales number we provide on this form.

C. Research project description

Research Project Title

Please Describe Your Research Project Below

D. Published work using mice from this resource

Are You A First Time User of This Resource? Yes

If No: If You Have Previously Used Mice From This Resource, Please List The Citations For Publications That Have Resulted From This Work. (If your citations are extensive, you can email them as a separate attachment.)

II. ANIMALS REQUESTED

Stock Number And Strain You Are Requesting (Please Check Appropriate Box)

☐ **Stock Number: 005252 B6EiC3Sn.BLiA-Ts(1716)65Dn/DnJ: Cesium Irradiation Was Used To Produce A Reciprocal Translocation, T (16;17) 65Dn. This Strain Does Not Contain The Retinal Degeneration Gene.**

☐ **Stock Number: 001924 B6EiC3Sn A/A-Ts(1716)65Dn/J: Cesium Irradiation Was Used To Produce A ReciprocalTranslocation, T (16;17) 65Dn. This Strain Contains The Retinal Degeneration Gene.**

☐ **Stock Number: 004850 B6EiC3Sn-Rb(12.Ts171665Dn)2Cje/CjeDnJ: This Strain Carries A Robertsonian Fusion Between The Small Ts65Dn Marker Chromosome And Chr 12. The Triplication Of Chr 16 Genes From App To Mx1, The Same As In Ts65Dn Strains. This Strain Contains The Retinal Degeneration Gene.**

☐ **Stock Number: 013530 B6.129S7-Dp(16Lipi-Zbtb21)1Yey/J: This Strain Was Engineered To Contain A Duplication Orthologous To Human 21q11-Q22.3 And Carries 113 Genes Orthologous To Genes On Hsa21. This Strain Does Not Contain The Retinal Degeneration Gene.**

☐ **Stock Number: 035561 STOCK Tc(HSA21,CAG-EGFP)1Yakaz/J: The TcMAC21 Line Contains A Freely And Stably Segregating HSA21q-MAC Hybrid Chromosome That Is Nearly Complete Compared To The Human HSA21q Chromosome. Gene Dosage Is Comparable To That Observed In Humans With Trisomy 21 (Down Syndrome).**

☐ **Stock Number: 010801 B6129S-TC(HSA21)1TybEmcf/J: These TC1 Mice Contain 42Mb (Approximately 90%) Of A Freely Segregating Human Fragment Of Chromosome 21 Hsa21 Containing 269 Genes, Including Most Of The Gene Orthologs Located On Mouse Chromosome 10 (Mmu10), Mmu16, And Mmu17, Which Have Been Found To Contribute To Human Down Syndrome (DS).**

☐ **Stock Number: 036600 STOCK Ts(17<16>)66Yah/J: Ts66Yah Mice Are Trisomic For About Two-Thirds Of The Genes Orthologous To Human Chromosome 21, But Lack The Non-Homologous 6.2Mb 1716 Minichromosomal Segment.**

III. OTHER INFORMATION

A. Optimal Date For Delivery (Approximate)

B. Shipping Instructions

C. Arrangements For Pick-Up And Transport Of Animal From Airport Or Other Terminal

D. Billing Instructions