

MEMORANDUM

Date: January 4, 2005
To: National Cancer Institute Animal Production Program Customers
From: Linda Blumenauer, Project Officer, BTB, DTP, DCTD, NCI-Frederick
Subject: Addition of New BALB/c Substrain to the NCI Animal Production Program

We would like to inform you that NCI/APP is now offering two substrains of BALB/c mice: the original BALB/cAnNCr and the recently acquired BALB/cAnNCrCr. The BALB/cAnNCrCr strain will be maintained at our Animal Production Area in Frederick, Maryland. Please refer to the attached information sheet to understand the significance of substrain nomenclature. These two substrains were genetically compared using a 108 microsatellite background strain characterization panel. The markers are spread across the 19 autosomes and the X chromosome at approximately 15cM spacing. Only one polymorphic microsatellite was identified. For most research this is an insignificant difference and the substrains can be used interchangeably, however each investigator must determine what impact there might be for their own work.

Please remember in the future to order BALB/c mice by the correct nomenclature for the substrain you wish to receive.

To the order the BALB/cAnNCrCr mouse use strain code 01B09. The prices are \$7.25 for weanling thru young adult; \$36.75 for pregnant; \$45.00 for mother with litter and \$6.50 for retired breeder.

If you have any questions, please contact Linda Blumenauer at 301-846-1153.

Linda L. Blumenauer

LLB/mjt

Attachment