

**Standard Dox Treatment Procedures:
NDJ 09.21.04 V.2**

Dox Food

Dox food needs to be changed at least weekly and checked regularly for mold. Dox food is the green colored food stored in the mouse room. It should be maintained under sterile conditions.

Dox Water

Dox/sucrose water solution needs to be changed twice a week. 40% sucrose is diluted 1:10 under sterile conditions with sterile water. A mouse water bottle will hold 500ml, and two vials of stock dox is added to each full water bottle (vial contains 1.5ml of 250mg/ml dox). Wrap water bottle in autoclaved aluminum foil to protect dox from light.

Turning off the gene at birth

When the tet-regulatable gene is to be turned off from birth, start the mother on dox water immediately after the birth of the pups. When the pups are weaned, give the pups dox food. Concurrently give the pups dox water for 24-48 hours with dox food after weaning. (Dox food has not been shown to turn off the gene in nursing pups, and dox food takes 16 hours until the gene is turned off.)