The Jh mouse permits clinically relevant dosing of immunogenic test articles in syngeneic tumor model systems.

**BALB/c MOUSE**

- BALB/c mouse implanted with syngeneic tumor cell line derived from BALB/c
- Treatment with biologic test article
- B-Cell
- BALB/c host develops humoral immune response (anti-drug antibodies) against test article, which can neutralize the therapy or even cause anaphylaxis
- CANNOT determine efficacy of test article due to host immunogenic response

**Jh MOUSE**

- Jh mouse (BALB/c background, Taconic Biosciences Model #1147) implanted with syngeneic tumor cell line derived from BALB/c
- Treatment with biologic test article
- The Jh mouse lacks B cells, so no anti-drug antibodies are produced. It retains other immune cell types such as T cells, so immunotherapies can be successfully evaluated using clinically relevant dosing.
- CAN determine efficacy of test article

The Jh mouse may be crossbred to other GEM strains such as genetically humanized PD-1 mice to further extend the utility of this system. Inquire for details on crossbreeding rights.