SWR/J

Stock No: 000689

Also Known As: SW, swiss

SWR/J mice are used widely in research as a general purpose strain. Aging mice exhibit a high incidence of lung and mammary gland tumors. They also develop extreme polydipsia and polyuria (nephrogenic diabetes insipidus) with increasing age. SWR/J mice are highly susceptible to experimental allergic encephalomyelitis. SWR/J mice show an intermediate susceptibility to developing atherosclerotic aortic lesions following an atherogenic diet. SWR/J mice are useful for creation of transgenic mice because they are high responders to exogenous hormones and have large and prominent pronuclei with good resistance to lysis following microinjection. SWR/J mice appear to be the only inbred carrying the allele Soa³ (Taster) characterized by avoidance of sucrose octaacetate solutions at low concentrations.

Genetic overview

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<th>Genetic Background</th>
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