MRL/MpJ-Fas\(^{lpr}\)/J

Stock No: 000485 | MRL-lpr

Spontaneous Mutation

READILY AVAILABLE

Overview

Also Known As: MRL-lpr, lymphoproliferation

This strain is commonly known as MRL-lpr or lpr mutant. Mice are homozygous for the lymphoproliferation spontaneous mutation (Fas\(^{lpr}\)), and show systemic autoimmunity, massive lymphadenopathy associated with proliferation of aberrant T cells, arthritis, and immune complex glomerulonephrosis. Mice are useful as a model to determine the etiology of systemic lupus erythematosus (SLE) and Sjögren (Sicca) syndrome and to evaluate therapies.

Genetic overview

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<th>Genetic Background</th>
<th>Generation</th>
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<tr>
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<td>F5pF13</td>
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<td>(05-AUG-14&lt;x)</td>
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<th>Fas(^{lpr})</th>
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<td>Allele Type</td>
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Spontaneous (Hypomorph) | Fas | Fas (TNF receptor superfamily member 6)

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