MRL/MpJ-Fas^{lpr}/J

Stock No: 000485 | MRL-lpr

Spontaneous Mutation

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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<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>F5pF13</td>
<td>(05-AUG-14&lt;)</td>
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<th>Fas^{lpr}</th>
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<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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READILY AVAILABLE
Spontaneous (Hypermorph)  Fas  Fas (TNF receptor superfamily member 6)

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