These Bambi mice harbor loxP sites flanking exon 1 of the Bambi (BMP and activin membrane-bound inhibitor, homolog (Xenopus laevis)) locus, and may be useful in generating conditional mutations for studying the role of Bambi in developmental biology and the TGF-beta pathway.

Donating Investigator
Rulang Jiang, University of Rochester

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bambi^tm1Jian</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Conditional ready (e.g. floxed), No functional change)</td>
<td>Bambi</td>
<td>BMP and activin membrane-bound inhibitor</td>
</tr>
</tbody>
</table>

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
Mice homozygous for this \textit{Bambi}^{\textit{flo}x} allele are viable and fertile, with \textit{loxP} sites flanking exon 1 of the targeted gene. When bred to mice that express Cre recombinase, the resulting offspring will have the sequences encoding the endogenous signal peptide deleted in the \textit{cre}-expressing tissue(s); this is expected to produce a null allele. These mutant mice may be useful in generating conditional mutations for studying the role of \textit{Bambi} in developmental biology and the TGF-beta pathway.
Genotyping Protocols
Standard PCR: Bambi STD PCR
Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, homozygous mice may be bred.

Additional Breeding and Husbandry Support

Citation
When using the B6;129S1-Bambi<sup>tm1Jian</sup>/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #009389 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Bambi&lt;sup&gt;tm1Jian&lt;/sup&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

Pricing effective for USA, Canada and Mexico shipping destinations
PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee breeding performance and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.