C57BL/6J-Tg(LRRK2*G2019S)2AMjjf/J

Additional Use Restrictions Apply

Stock No: 018785

Coisogenic, Transgenic

Overview

Mice hemizygous for the BAC LRRK2 (G2019S) transgene express a mutant form of human leucine-rich repeat kinase 2 (LRRK2*G2019S) associated with autosomal dominant, late-onset Parkinson’s disease directed by the human LRRK2 promoter/enhancer regions on the BAC transgene. These mice represent an in vivo model for studying the dominant toxic effects of mutant LRRK2*G2019S expression.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>N12pN2F7</td>
<td>(27-JUL-18+)</td>
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</table>

Tg(LRRK2*G2019S)2AMjjf

Allele Type
Transgenic (Humanized sequence, Inserted expressed sequence)

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