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Abbreviated title: Induction of amphetamine sensitization in inbred Roman rats

Distinct phenotypes of spontaneous activity and induction of amphetamine sensitization in inbred Roman high- and low-avoidance rats: vulnerability and protection

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Highlights

1. Inbred Roman rats show distinct phenotypes of amphetamine-induced behavioral sensitization
2. Inbred RLA rats are insensitive to induction of amphetamine sensitization
3. Inbred RHA rats are more vulnerable to behavioral sensitization than Sprague-Dawley rats
4. Inbred Roman rats show higher acute and long-term spontaneous activity than Sprague-Dawley rats
5. Spontaneous activity as a covariant allows to reveal the distinct induction of sensitization phenotypes

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