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Titolo	Behavioral genetics of the mouse . Volume 1 Genetics of behavioral phenotypes // edited by Wim E. Crusio, Frans Sluyter, Robert T. Gerlai, Susanna Pietropaolo [[electronic resource]]
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Descrizione fisica	1 online resource (xiii, 345 pages) : digital, PDF file(s)
Collana	Cambridge handbooks in behavioural genetics
Disciplina	599.35135
Soggetti	Mice - Genetics Behavior genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. General -- section 2. Perception -- section 3. Autonomous and motor behaviors -- section 4. Social behavior -- section 5. Learning and memory.
Sommario/riassunto	The first volume in the new Cambridge Handbooks in Behavioral Genetics series, Behavioral Genetics of the Mouse provides baseline information on normal behaviors, essential in both the design of experiments using genetically modified or pharmacologically treated animals and in the interpretation and analyses of the results obtained. The book offers a comprehensive overview of the genetics of naturally occurring variation in mouse behavior, from perception and spontaneous behaviors such as exploration, aggression, social interactions and motor behaviors, to reinforced behaviors such as the different types of learning. Also included are numerous examples of

potential experimental problems, which will aid and guide researchers trying to troubleshoot their own studies. A lasting reference, the thorough and comprehensive reviews offer an easy entrance into the extensive literature in this field, and will prove invaluable to students and specialists alike.

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