1. Record Nr. UNINA9910817364503321 Genetics and the behavior of domestic animals / / edited by Temple Titolo Grandin, Mark J. Deesing Pubbl/distr/stampa Amsterdam;; Boston,: Elsevier/AP, 2014 London:,: Academic Press,, 2014 **ISBN** 0-12-405508-7 Edizione [2nd ed.] Descrizione fisica 1 online resource (x, 485 pages) : illustrations (some color) Collana Gale eBooks Disciplina 591.5 Soggetti Domestic animals - Behavior Domestic animals - Genetics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Front Cover; Genetics and the Behavior of Domestic Animals; Copyright Nota di contenuto Page; Contents; Preface; List of Contributors; 1 Behavioral Genetics and Animal Science; Introduction; Genetics Shapes Behavior; Genetic Effects of Domestication; Basic Genetic Mechanisms; SNPs (Single Nucleotide Polymorphisms); Repeats; CNVs (Copy Number Variations); Jumping Genes; Coding DNA; Non-Coding DNA, Also Called Regulatory DNA; Exome; RNA Transcriptome; De Novo Mutations; Quantitative Trait Loci (QTLs); Haplotypes; Epigenetics; Lamarckism; Brain Genetics More Complex Than Other Traits A Brief Historical Review of Animal Behavior StudyBehaviorism: Instincts

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A Need for a Refined and Structured Methodology in Fear Studies

Sommario/riassunto

Behavior is shaped by both genetics and experience--nature and nurture. This book synthesizes research from behavioral genetics and animal and veterinary science, bridging the gap between these fields. The objective is to show that principles of behavioral genetics have practical applications to agricultural and companion animals. The continuing domestication of animals is a complex process whose myriad impacts on animal behavior are commonly under-appreciated. Genetic factors play a significant role in both species-specific behaviors and behavioral differences exhibited by individua