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Nota di contenuto	Front Cover; About The Editors; Contents; List Of Contributors; List Of Abbreviations; Preface; Chapter 1 Variable Lymphocyte Receptor-based Adaptive Immunity In The Agnathan Sea Lamprey; Chapter 2 Agnathan Sea Lamprey Tetrapods; Chapter 3 The Immunoglobulin Genes Of Bats; Chapter 4 Marsupial And Monotreme Immunoglobulin Genetics; Chapter 5 Organization Of The Immunoglobulin Heavy- And Light-chain Loci In The Rat; Chapter 6 Generation Of The Antibody Repertoire In Rabbits: Role Of Gut-associated Lymphoid Tissues; Chapter 7 The Immunoglobulin Genes Of Domestic Swine Chapter 8 Bovine Immunoglobulin Genetics: Novel Phylogenetic PerspectiveChapter 9 Informatic Tools For Immunoglobulin Gene Sequence Analysis; Back Cover
Sommario/riassunto	This contemporary book covers significant new knowledge that has emerged during the last two decades and, thus, provides novel antibody phylogenetic perspectives relevant to development of new antibody-based therapeutics and vaccines. It fills a much-needed niche in the area of immunoglobulin genetics across species from a comparative perspective. New insights and perspectives from

immunoglobulin genetics from species such as sea lamprey, cattle, marsupial, bat, rat, rabbit, and swine-other species than the traditional subjects of mice and humans-are relevant to antibody design and engineer