

1. Record Nr.	UNINA9910462878203321
Autore	Griffiths Paul <1962->
Titolo	Genetics and philosophy : an introduction // Paul Griffiths, Karola Stotz [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-35726-8 1-107-23404-2 1-107-34389-5 1-107-25535-X 1-107-34764-5 1-107-34514-6 1-107-34139-6 0-511-74408-0
Descrizione fisica	1 online resource (viii, 270 pages) : digital, PDF file(s)
Collana	Cambridge introductions to philosophy and biology
Disciplina	572.8/6
Soggetti	Genes Genomics Genetics - Philosophy Developmental genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Mendel's gene; 2. The physical gene; 3. The behavioural gene; 4. The reactive genome; 5. Outside the gene; 6. The informational gene; 7. The evolving gene.
Sommario/riassunto	In the past century, nearly all of the biological sciences have been directly affected by discoveries and developments in genetics, a fast-evolving subject with important theoretical dimensions. In this rich and accessible book, Paul Griffiths and Karola Stotz show how the concept of the gene has evolved and diversified across the many fields that make up modern biology. By examining the molecular biology of the 'environment', they situate genetics in the developmental biology of whole organisms, and reveal how the molecular biosciences have undermined the nature/nurture distinction. Their discussion gives full

weight to the revolutionary impacts of molecular biology, while rejecting 'genocentrism' and 'reductionism', and brings the topic right up to date with the philosophical implications of the most recent developments in genetics. Their book will be invaluable for those studying the philosophy of biology, genetics and other life sciences.
