1. Record Nr. UNINA9911019919503321

Titolo	Variation in the human genome / / [editors, Derek Chadwick and Gail Cardew]
Pubbl/distr/stampa	Chichester ; ; New York, : Wiley, 1996
ISBN	9786612347955 9781282347953 1282347950 9780470514887 0470514884 9780470514894 0470514892
Descrizione fisica	1 online resource (341 p.)
Collana	Ciba Foundation symposium ; ; 197
Altri autori (Persone)	ChadwickDerek CardewGail
Disciplina	573.2/1
Soggetti	Human population genetics Human genome Human genetics - Variation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Symposium on Variation in the Human Genome, held at the Ciba Foundation, London, 15 June 1995.
Nota di contenuto	VARIATION IN THE HUMAN GENOME; Contents; Participants; Introduction; Phylogeographic variability in traditional societies; Interpreting genetic variability: the effects of shared evolutionary history; Microsatellites: evolution and mutational processes; The phenylalanine hydroxylase locus: a marker for the history of phenylketonuria and human genetic diversity; Genetic and geographical variability in cystic fibrosis: evolutionary considerations; Unusual inheritance patterns due to dynamic mutation in fragile X syndrome Control of b-thalassaemia by carrier screening, genetic counselling and prenatal diagnosis: the Sardinian experienceMultigenic control of skin tumour development in mice1; Population genetics of tumours; Genetic factors that contribute to interindividual variations in plasma low density lipoprotein-cholesterol levels1; Genetic architecture of common

	mu Itifactorial diseases; World distribution of HLA alleles and implications for disease Cladistic approaches to identifying determinants of variability in multifactorial phenotypes and tt e evolutionary significance of variation in the human genomeQuantitative phenotype analysis for localization and identification of disease-related genes in a complex genetic background; The genetics of common diseases: the implications of population variability; Final discussion; Summary; Index of contributors; Subject index
Sommario/riassunto	The mapping of human genes is proceeding rapidly. Genes associated with specific inherited diseases are being identified, often providing insight into the molecular cause of the disease. At the moment, however, little consideration is being given to the variation present in different human populations. Variation in the Human Genome discusses methods of analysing population genetic data and how contemporary genetic heterogeneity arises during the evolution and migration of human populations. Specific disorders such as cystic fibrosis, beta-thalassaemia, fragile X, phenylketonuria and tumour dev