

1. Record Nr.	UNINA9910830619303321
Titolo	Evolutionary methods in biotechnology [[electronic resource]] : clever tricks for directed evolution // edited by Susanne Brakmann and Andreas Schwienhorst
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2004
ISBN	1-280-51991-6 9786610519910 3-527-60369-7 3-527-60462-6
Descrizione fisica	1 online resource (230 p.)
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Disciplina	572.838 660.6
Soggetti	Biotechnology Molecular evolution Genetic engineering
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.
Nota di contenuto	Includes CD-ROM in pocket attached to inside back cover.
Sommario/riassunto	Miniturization and high throughput assay technology have brought the power of molecular evolution to the bioscience laboratory. Applied wisely, the evolutionary approach can quickly yield the desired result even where other methods have failed.From library generation by random or directed mutagenesis to screening and selection techniques -- the crucial steps for successful evolutionary biotechnology are described in detail in this practical guide that also includes valuable troubleshooting hints on frequently encountered problems.Modern methods for the surface display of peptides and p