1. Record Nr. UNISA990005675540203316

Autore	MANCERON, Claude
Titolo	5: Le sang de la Bastille : du renvoi de Calonne au sursaut de Paris : 1787 - 1789 / Claude Manceron
Pubbl/distr/stampa	Paris : Laffont, copyr. 1987
Descrizione fisica	XVIII, 523 p. ; 24 cm.
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Soggetti	RIVOLUZIONE FRANCESE - STUDI
Collocazione	CC 944.04 MAN
Lingua di pubblicazione	Francese
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Livello bibliografico	Monografia

2. Record Nr. UNISALENTO991002535459707536

Autore	Petrus : De Dacia
Titolo	De gratia naturam ditante sive De virtutibus Christinae Stumbelensis / Petrus de Dacia ; édition critique avec une introduction par Monika Asztalos
Pubbl/distr/stampa	Stockholm : Almqvist & Wiksell International, 1982
ISBN	917146302X
Descrizione fisica	215 p. : 24 cm.
Collana	Acta Universitatis Stockholmiensis. Studia Latina Stockholmiensia ; 28
Altri autori (Persone)	Asztalos, Monika
Soggetti	Stommeln, Christina : von <1242-1312> Stommeln, Christina : von <1242-1312>
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Testo latino con introduzione in inglese. Monika Asztalos' thesis (doctoral)--University of Stockholm, 1982.

3. Record Nr. UNINA9910337954003321

Autore	Choi Seok-Yong
Titolo	DNA Cloning: A Hands-on Approach / / by Seok-Yong Choi, Hyunju Ro, Hankuil Yi
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2019
ISBN	94-024-1662-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (139 pages)
Disciplina	574.873282
Soggetti	Gene expression Genetic engineering Plant genetics Animal genetics Gene Expression Genetic Engineering Plant Genetics and Genomics Animal Genetics and Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. What is cloning? -- Chapter 1.1 Definition of cloning -- Chapter 1.2 Discovering a new gene -- Chapter 1.3 Cloning in the past -- Chapter 1.4 Cloning in the present -- Part II. A prerequisite for cloning -- Chapter 2.1 Software useful for cloning design -- Chapter 2.2 Vector, plasmid, construct and the Kozak consensus sequence -- Chapter 2.3 Multiple cloning sites (MCS) -- Chapter 2.4 Restriction endonucleases and star activity -- Chapter 2.5 Agarose gel electrophoresis -- Chapter 2.6 Pouring LB agar plates -- Chapter 2.7 Competent cells -- Chapter 2.8 The conversion of DNA mass into molar concentration -- Chapter 2.9 Upon receiving new plasmids -- Chapter 2.10 cDNA library -- Part III. The first step in cloning -- Chapter 3.1 Cut & paste -- Chapter 3.2 DNA sequencing and direct sequencing -- Chapter 3.3 PCR and nested PCR -- Chapter 3.4 Fill-in (Full & Partial) -- Chapter 3.5 Compatible cohesive ends -- Chapter 3.6 Methylation -- Chapter 3.7 Three-piece ligation -- Chapter 3.8 Site-directed mutagenesis -- Chapter 3.9 Structure of plant transformation vectors

-- Chapter 3.10 Transformation of R. radiobacter -- Part IV. The next step of cloning -- Chapter 4.1 How to insert a DNA fragment into a gene -- Chapter 4.2 How to delete an internal region of a gene -- Chapter 4.3 How to insert an epitope tag into a gene -- Chapter 4.4 Translational fusion vs. transcriptional fusion -- Part V. The last steps of cloning -- Chapter 5.1 Method for cloning similar genes in different species -- Chapter 5.2 RACE (rapid amplification of cDNA ends) -- Chapter 5.3 BAC recombineering -- Chapter 5.4 Old trick: partial digestion -- Chapter 5.5 Modification of a vector -- Chapter 5.6 When you notice a frame shift mutation upon cloning -- Chapter 5.7 Reality of cloning: an extremely unlucky case -- Part VI. Methods that make your cloning life easier -- Chapter 6.1 TA cloning and production of a T-vector -- Chapter 6.2 TOPO TA cloning -- Chapter 6.3 Gateway cloning -- Chapter 6.4 Golden Gate Assembly for a modular cloning -- Chapter 6.5 In-Fusion Sequence and Ligation-Independent Cloning (In-Fusion SLIC) -- Chapter 6.6 T4 DNA Polymerase Sequence-and Ligation-Independent Cloning (T4 DNA Pol SLIC) -- Chapter 6.7 Non-template PCR cloning -- Part VII. Advice to cloners -- Chapter 7.1 When cloning is not going well -- Chapter 7.2 Keep your cloning data organized -- Appendix 1. Further readings -- Appendix 2. Abbreviations -- Appendix 3. Index.

Sommario/riassunto

This book offers step-by-step instruction on DNA cloning, defined as moving genes around plasmids, mutating genes, or mining new genes. The aim is to provide those new to the field with reliable and up-to-date practical guidance while at the same time conveying the scope for creativity. After a brief synopsis of the history of cloning, the fundamentals and prerequisites are explained, covering, for example, software, vectors commonly used in the lab, appropriate choice of restriction endonucleases, the preparation of agarose gels, competent cells, and LB agar plates, and procedures to be followed upon receipt of new plasmids. The remainder of the book is devoted to the clear description of methods and individual steps in cloning. Guidance is provided on the cut and paste method, DNA sequencing, direct sequencing, primer design, PCR-based gene insertion and deletion, epitope tag insertion, the use of RACE technology, BAC recombineering, and much, much more. Sources of error and a variety of techniques that make life considerably easier when cloning are also examined in detail. .