

***Searching for Molecular Solutions* – Cited Notes; General Overview**

These files contain details on all references to this ftp site within *Searching for Molecular Solutions*. The material is grouped by chapter, such that all ftp citations made within a single chapter of the book are referred to within one file. Each such file is named according to the format: 'SMS-CitedNotes-ChX', where X = relevant chapter number. Each Cited Notes chapter file is subdivided into Sections, which directly correspond to specific ftp in-text citations within *Searching for Molecular Solutions*. Sections are numbered consecutively in order of appearance by chapter for the whole book.

The page numbers of the book where each the reference is made are shown in the Table below, and the title of each relevant Section. New Figures and Tables in these sections are named by the convention: ([Chapter number].Na, b, c, etc.), in order of appearance for the combined sections covering ftp citations within a specific chapter. For example, new Figures for Chapter 3 are listed in order as Fig. 3.Na; Fig. 3.Nb...Fig. 3.Nd as they appear in order within the relevant Cited Notes sections for this chapter (Sections 3-5 as below). All internal and external hyperlinks in these files are in blue text.

It should be noted as a general point that the provided information is intended to expand upon specific issues noted within the book. While some useful peripheral information is often given, it is neither possible nor the intention to render these sections in any way comprehensive for the often huge fields which they address.

Cited Notes File Contents:

File Name	Chapter	Book Reference Page Number	Section	
			No.	Title
SMS-CitedNotes -Ch2	2	27	1	Polymerase activity and exonucleases
		58	2	Metagenomics
SMS-CitedNotes -Ch3	3	76	3	MHC-peptide Binding
		84	4	DNA-binding protein design
		92	5	Neural Diversity
SMS-CitedNotes -Ch4	4	108	6	PCR
		135	7A 7B	Alternative Phage Display / Alternative General Display
		137	8A 8B	Protein Display on Phage / Zinc-finger Protein Display
		141	9	Two-Hybrid System
		141	10	CIS-display
		141	11	Enzyme Display on Phage
SMS-CitedNotes -Ch5	5	158	12	Stereochemistry
		178	13	Specialized Ribosomes
		184	14	Genetic Code Expansion
		185	15	Expanded Code Applications
		186	16	Specialized Ribosomes

SMS-CitedNotes -Ch6	6	212 219	17	Aptamer and Ribozyme Applications
SMS-CitedNotes -Ch7	7	235	18	T cell Receptor Applications
		245	19	Minimized Antibodies
SMS-CitedNotes -Ch8	8	278	20	Maitotoxin Structure
		287	21	High-throughput screening: Implementation & Methods
		290	22	Genomics & Chemogenomics
		296	23	Tethering
		299	24	Encoded Self-Assembled Combinatorial Libraries
		300	25	Pre-encoded Chemical Libraries
		301	26	Recursive Deconvolution
		304	27	Binary Codes - Libraries
		306	28	DNA Display vs. CIS Display
SMS-CitedNotes -Ch9	9	336	29	RNAi Genomic Screens
		338	30	Genomic Cycle Notes
		339	31	Global Protein-Protein Interaction Screening