

***Searching for Molecular Solutions* – Additional Material; General Overview**

These files contain extra material relevant to *Searching for Molecular Solutions*, and act as extensions to the Cited Notes files of this ftp site. The material is grouped by chapter, such that information most relevant to a single chapter of the book is referred to within one file. (In some cases, the material is relevant to more than one chapter, as indicated in the Table below). Each such file is named according to the format: 'SMS-Extras-ChX', where X = relevant chapter number. Each 'Extras' chapter file is subdivided into Sections for separate topics, and these sections are numbered consecutively in order of appearance by chapter for the whole book, as A1, A2, etc. The chapters and page numbers of the book pertaining to each section are shown in the Table below, and the title of each relevant section.

Figures and Tables in these sections are listed by the convention: (Chapter number/Section number.N), where N = numerical order within the document. (For example, the first figure for Chapter 5, Section A6, is Fig. 5A6.1; the first table for Chapter 3, Section A2, is Table 3A2.1).

Extra Material File Contents:

File Name	Relevant Chapter(s)	Most Relevant Book Page Numbers	Section	
			No.	Title
SMS-Extras-Ch3	3	72	A1	RAG Genes and Proteins
		81	A2	Repertoire Holes
		84	A3	Autoimmunity
		91	A4	Immune / Nervous System Comparisons
SMS-Extras-Ch4	4, 9	103-105; 337	A5	Ebg System
SMS-Extras-Ch5	5	152	A6	Rubisco Enzyme
		185	A7	Genetic Code Choice
SMS-Extras-Ch6	6	212	A8	DNAzymes
		227	A9	Altered Backbones
SMS-Extras-Ch7	7	268	A10	Intrabodies
		246	A11	Natural Catalytic Antibodies
		258	A12	Imprinting Notes
SMS-Extras-Ch8	8	309	A13	DNA-templated Synthesis Reaction Discovery

SMS- Extras -Ch9	9	319	A14	Rational Design Examples
		338	A15	Biological Parsimony