

This PDB release includes 34 new atomic coordinate entries (see Table 3), bringing the total number of coordinate entries to 655. The size of the atomic coordinate and bibliographic entry database (DATAPRTP) is now 146 Mbytes.

Two sessions on the Protein Data Bank are planned at the annual meeting of the American Crystallographic Association to be held July 21-26 in Toledo, Ohio. On Wednesday afternoon, July 24, the ACA Crystallographic Computing and Data Committee has organized a session on "Protein Data Bank: Future Outlook". Invited speakers include Philip Bourne (Columbia), Michael Liebman (AMOCO), Robert Robbins (National Science Foundation) and David States (National Library of Medicine). A PDB users' meeting, to be held following this session, will provide a forum for discussion on topics of general concern.

File Server Available:

The PDB has an e-mail file server available for your use. This server provides standard PDB text files, documentation and other specialized material. To receive more information, send a message to fileserv@pb1.chm.bnl.gov and include the following text:

send info your_e-mail_address

Anonymous FTP Available:

The PDB has an anonymous ftp account available on the system irisc2.chm.bnl.gov (Internet address 130.199.129.8). It is possible to transfer files to and from this system using "anonymous" as the ftp username and your real username as the password. PDB general information and documentation are available for downloading. You can also upload any files you may wish to send to the PDB.

Anyone experiencing problems or having questions related to the above network services is requested to send an e-mail message to skora@pb1.chm.bnl.gov.

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Affiliated Centers:

Ten affiliated centers offer DATAPRTP for distribution. These centers, listed immediately below, are members of the Protein Data Bank Service Association (PDBSA). Centers designated with an asterisk distribute DATAPRTP on magnetic media; those without an asterisk are on-line DATAPRTP distributors.

CAN/SND, Canadian Scientific Numeric Data Base Service, Ottawa
contact: Roger Gough telephone: 613-993-3294 e-mail: CANSND@NRCVM01

CAOS/CAMM, Dutch National Facility for Computer-Assisted Chemistry, Nijmegen
contact: Jan Noordik telephone: 0031-80-653386 e-mail: NOORDIK@CAOS.CAOS.KUN.NL

CINECA, NE Italy Interuniversity Computing Center, Caselecchio di Reno (BO)
contact: Salvatore Rago telephone: 0039-51-598411 e-mail: ARGO@ICINECA

EMBL, European Molecular Biology Laboratory, Heidelberg, FRG
contact: Peter Rice telephone: 0049-6221-387-247 e-mail: RICE@EMBL

***JAICI, Japan Association for International Chemical Information, Tokyo**
contact: Hideaki Chihara telephone: 0081-3-816-3389

NCSA, National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign
contact: Joseph Golab telephone: 217-244-2756 e-mail: JGOLAB@NCSA.UIUC.EDU

***Osaka University, Institute for Protein Research, Osaka, Japan**
contact: Yukiteru Katsube telephone: 0081-6-877-5111, ext 3912

Pittsburgh Supercomputing Center
contact: Hugh Nicholas telephone: 412-268-4960 e-mail: NICHOLAS@CPWPSCA

Prophet, BBN Systems and Technologies Corp., Cambridge, MA
contact: Wayne Rindone telephone: 617-873-2669 e-mail: PROPHET-HELP@BBN.COM

SEQNET, Daresbury Laboratory, Warrington, UK
contact: User Interface Group telephone: 0044-925-603351 e-mail: UIG@DARESBUARY.AC.UK

TABLE 1. PROTEIN DATA BANK, INFORMATION AVAILABLE ON MAGNETIC TAPE

CODE	ITEM
DATAPRTP	ALL AVAILABLE COORDINATE ENTRIES (TABLE 3), BIBLIOGRAPHIC ENTRIES (TABLE 4 - NO COORDINATES IN BIB ENTRIES), AND SOME COMPUTER PROGRAMS (TABLE 2, PART A)
PDBPGMPT	ALL COMPUTER PROGRAMS AND MISCELLANEOUS FILES (TABLE 2, PARTS A AND B)
NONST1TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 1)
NONST2TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 2)
NONST3TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 3)
NONST4TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 4)
NONST5TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 5)
NONST6TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 6)
NONST7TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 7)
NONST8TP	STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 8)
NMRRS1TP	NMR EXPERIMENTAL DATA ENTRIES (TABLE 6)

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

TABLE 2. PROTEIN DATA BANK, COMPUTER PROGRAMS AND MISCELLANEOUS FILES

NAME	PURPOSE	AUTHOR(S)	REV DATE/ SUPPORTED
PART A - AVAILABLE ON DATAPRTP, PDBPGMPT			
BENDER	PARAMETERS FOR BENT-WIRE MODELS	G. WILLIAMS	4/82 YES
BLDKIT	MODEL BUILDER'S KIT	E. ABOLA	2/84 YES
BRUKPT	MAKE VAX/VMS FILES FROM PDB TAPE	H. BOSSHARD	8/85 NO
CONNECT	GENERATE FULL CONNECTIVITY	F. BERNSTEIN	7/89 YES
CONCTC	INTERMOLECULAR CONTACTS	L. ANDREWS	5/83 NO
DOPLDT	DIAGONAL PLOTS ON PRINTER	E. SWANSON, F. BERNSTEIN	1/83 YES
DHDLR	COMPLETE TORSION ANGLES	E. ABOLA	7/86 YES
DRCTRY	DIRECTORY OF PDB DISTRIBUTION TAPE	F. BERNSTEIN	8/82 YES
DSNCE	CALC DISTANCES FROM CONECT RECORDS	F. BERNSTEIN	5/79 YES
FISPLP	PHI/PSI PLOTS ON PRINTER	F. BERNSTEIN	3/82 NO
LSM	COLOR-CODED ALPHA-CARBON MODELS	R. MATELA, R. FLETTERICK	4/89 NO
NAMOD	BALL-AND-STICK MODEL DISPLAY	Y. BEPPU	4/89 NO
PHIP51	MAIN-CHAIN TORSION ANGLES	ANDREWS, WILLIAMS, BERNSTEIN	2/79 YES
REFMTE	REFORMAT DATA FOR SUPERTAB, SUPERB	L. RELICK, J. DUANE	12/83 NO
STEREO	EXTRACT X, Y, Z FROM STEREO DIAGRAMS	M. ROSSMANN	6/79 NO
TAPDIR	PRINT DIRECTORY OF TAPE CONTENTS	H. BERNSTEIN, F. BERNSTEIN	1/79 YES
THEOD	MEASURE COORDINATES WITH THEODOLITE	L. LEBIODA	1/82 NO
TORSRU	COMPLETE TORSION ANGLES	G. REEKE	10/79 NO
TOTALS	VALIDATION OF MASTER RECORD	L. ANDREWS, F. BERNSTEIN	3/82 YES
PART B - AVAILABLE ON PDBPGMPT ONLY			
ALB	SECONDARY STRUCT. CALC., PREDICTION	A. FINKELSTEIN, O. PITSYAN	10/85 NO
CRYSTAL	DATA BASE-PROTEIN CRYSTALLIZATION	G. GILLILAND	12/84 NO
NDB	NUCLEIC ACID DATA BASE + PROGRAMS	H. BERMAN ET AL.	9/89 NO
NEWHEL1	*DNA HELIX ANALYSIS	R. DICKERSON ET AL.	4/91 NO
NUPARM	NUCLEIC ACID PARAMETER DETERMINATION	M. BANSAI, D. BHATTACHARYA	5/90 NO
TABLES	DISPLAY SPACE-GROUP SYMMETRY IN 3D	C. ABAD-ZAPATERO, T. O'DONNELL	12/87 NO

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

SUPPORTED PROGRAMS ARE THOSE FOR WHICH STAFF OF THE PROTEIN DATA BANK WILL PROVIDE CORRECTIONS FOR DEMONSTRATED ERRORS.

TABLE 3. PROTEIN DATA BANK, ATOMIC COORDINATE ENTRIES (AVAILABLE)

IDENT CODE	MOLECULE	DEPOSITOR(S)	DATE/ STATUS
4APE	ACID PROTEINASE (ENDOTHTA PARASITICA)	T. BLUNDELL ET AL.	6/86
5ER1	ENDOTHTAPEPSIN/BM624 COMPLEX	COOPER, FOUNDLING, BLUNDELL	11/90
5ER2	ENDOTHTAPEPSIN/CP-69, 799 COMPLEX	T. BLUNDELL, A. SALLI	1/91
3ER3	ENDOTHTAPEPSIN/CP-71, 362 COMPLEX	T. BLUNDELL, J. COOPER	1/91
4ER4	ENDOTHTAPEPSIN/H-142 COMPLEX	T. BLUNDELL, S. FOUNDLING	1/91
3ER5	ENDOTHTAPEPSIN/H-189 COMPLEX	T. BLUNDELL, J. COOPER	1/91
2ER6	ENDOTHTAPEPSIN/H-256 COMPLEX	T. BLUNDELL ET AL.	10/90
2ER7	ENDOTHTAPEPSIN/H-261 COMPLEX	T. BLUNDELL, B. VEERAPANDIAN	11/90
2ER9	ENDOTHTAPEPSIN/L-363, 564 COMPLEX	T. BLUNDELL, J. COOPER	10/90
2ER0	ENDOTHTAPEPSIN/L-364, 099 COMPLEX	T. BLUNDELL, J. COOPER	10/90
4ER1	ENDOTHTAPEPSIN/PD125967 COMPLEX	T. BLUNDELL, J. COOPER	10/90
4ER2	ENDOTHTAPEPSIN/PEPSTATIN COMPLEX	T. BLUNDELL, B. VEERAPANDIAN	10/90
3APP	ACID PROTEINASE (PENICILLIUM ANTHINELLUM)	A. SIELECKI, M. JAMES	11/90 R
2APR	ACID PROTEINASE (RHIZOPUS CHINENSIS)	K. SUGUNA, D. DAVIES	3/87
3APR	ACID PROTEINASE/PEPTIDE INHIBITOR COMPLEX	K. SUGUNA, D. DAVIES	6/87
4APR	ACID PROTEASE (R. PEPSIN) /INHIBITOR	K. SUGUNA, D. DAVIES	8/89
5APR	ACID PROTEASE (R. PEPSIN) /INHIBITOR	K. SUGUNA, D. DAVIES	8/89
6APR	ACID PROTEASE (R. PEPSIN) /INHIBITOR	K. SUGUNA, D. DAVIES	8/89
5ACN	ACONITASE (PIG, INACTIVE)	A. ROBBINS, C. D. STOUT	1/90
6ACN	ACONITASE (PIG, ACTIVATED)	A. ROBBINS, C. D. STOUT	1/90
2ACT	ACTININ	E. BAKER	11/79
1ACX	ACTINOKANTHIN	V. PIETNEV, A. KUZIN	12/82
3ADK	ADENYLATE KINASE (PORCINE)	G. SCHULZ	11/87
1AGA	AGAROSE	S. ARNOTT	5/78
7WGA	WHEAT GERM AGGLUTININ (ISOLECTIN 1)	C. WRIGHT	4/90
9WGA	WHEAT GERM AGGLUTININ (ISOLECTIN 2)	C. WRIGHT	4/90
1WGC	WHEAT GERM AGGLUTININ (ISOLECTIN 1) /NLA	C. WRIGHT	4/90
2WGC	WHEAT GERM AGGLUTININ (ISOLECTIN 2) /NLA	C. WRIGHT	4/90
1AMT	ALAMETHICIN (TRICHODERMA VIRIDE)	R. FOX, F. RICHARDS	12/87
8ADH	ALCOHOL DEHYDROGENASE (APO)	T. A. JONES, H. EKLUND	4/89 R
5ADH	ALCOHOL DEHYDROGENASE (APO) /ADP-RIBOSE	H. EKLUND, T. A. JONES	1/84
6ADH	ALCOHOL DEHYDROGENASE (HOLO) /NADH/DMSO	H. EKLUND	1/84
7ADH	ALCOHOL DEHYDROGENASE (ISONICOTINIMIDYLATED)	B. PLAPP, H. EKLUND	1/84
1HOE	ALPHA-AMYLASE INHIBITOR HOE-4674	P. FLUGRATH, WIEGAND, HUBER	1/89
2ALP	ALPHA-LYTIC PROTEASE	M. FUJINAGA, M. JAMES	3/85
1F01	ALPHA-LYTIC PROTEASE /BOC-A-P-2-V-BORONIC	R. BONE, D. AGARD	4/89
1F02	ALPHA-LYTIC PROTEASE /MSUC-A-A-P-4-BORONIC	R. BONE, D. AGARD	4/89
1F03	ALPHA-LYTIC PROTEASE /MSUC-A-A-P-5-BORONIC	R. BONE, D. AGARD	4/89
1F04	ALPHA-LYTIC PROTEASE /MSUC-A-A-P-1-BORONIC	R. BONE, D. AGARD	4/89
1F05	ALPHA-LYTIC PROTEASE /MSUC-A-A-P-1-BORONIC	R. BONE, D. AGARD	4/89
1F06	ALPHA-LYTIC PROTEASE /MSUC-A-A-P-2-BORONIC	R. BONE, D. AGARD	4/89
1F07	ALPHA-LYTIC PROTEASE MUTANT (M(192A))	R. BONE, D. AGARD	4/89
1F08	ALPHA-LYTIC PROTEASE MUTANT (M(192A)) /INHIBIT	R. BONE, D. AGARD	4/89
1F09	ALPHA-LYTIC PROTEASE MUTANT (M(213A))	R. BONE, D. AGARD	4/89
1F10	ALPHA-LYTIC PROTEASE MUTANT (M(213A)) /INHIBIT	R. BONE, D. AGARD	4/89
2TAA	TAKA-AMYLASE	KUSINOKI, MATSUURA, KAKUDO	10/82
7AD1	ALPHA 1-ANTITRYPSIN (MODIFIED, TETRAGONAL)	R. HUBER ET AL.	9/88
8AD1	ALPHA 1-ANTITRYPSIN (MODIFIED, HEXAGONAL)	R. HUBER ET AL.	9/88
9AD1	ALPHA 1-ANTITRYPSIN (MODIFIED, TETRAGONAL)	R. HUBER ET AL.	9/88
1ABP	L-ARABINOSE-BINDING PROTEIN	F. QUIOCHO, G. GILLILAND	5/80
1AAT	CYTOSOLIC ASPARTATE AMINOTRANSFERASE	HARUYUNYAN, MALASHKEVICH	4/82 A
2AAT	ASPARTATE AMINOTRANSFERASE COMPLEX	SMITH, ALMO, TONEY, RINGE	5/89

2ATC	ASPARTATE CARBAMOYLTRANSFERASE	W. LIPSCOMB	3/82
8ATC	ASPARTATE CARBAMOYLTRANSFERASE (R) /PALA	KE, LIPSCOMB, CHO, HONZATKO	8/89
1AT1	ASPARTATE CARBAMOYLTRANSFERASE (R) /PAM/NAJ	G. GOUAUX, W. LIPSCOMB	8/89
2AT1	ASPARTATE CARBAMOYLTRANSFERASE (R) /PAM/NAJ	G. GOUAUX, W. LIPSCOMB	8/89
3AT1	ASPARTATE CARBAMOYLTRANSFERASE (T) /PAM	J. GOUAUX, W. LIPSCOMB	8/89
4AT1	ASPARTATE CARBAMOYLTRANSFERASE (T) /ATP	STEVENS, GOUAUX, LIPSCOMB	4/90
5AT1	ASPARTATE CARBAMOYLTRANSFERASE (T) /CTP	STEVENS, GOUAUX, LIPSCOMB	4/90
6AT1	ASPARTATE CARBAMOYLTRANSFERASE (T) /STATE	STEVENS, GOUAUX, LIPSCOMB	4/90
7AT1	ASPARTATE CARBAMOYLTRANSFERASE (R) /ATP	STEVENS, GOUAUX, LIPSCOMB	4/90
8AT1	ASPARTATE CARBAMOYLTRANSFERASE (R) /CTP	STEVENS, GOUAUX, LIPSCOMB	4/90
2AZA	AZURIN (ALCALIGENES DENITRIFICANS)	E. BAKER, G. NORRIS	10/86
1AZU	AZURIN (PSEUDOMONAS AERUGINOSA)	E. ADMAN, L. SIEKER, L. JENSEN	8/80
3BCL	BACTERIOCHLOROPHYLL A PROTEIN	TRONRU, SCHMID, MATTHEWS	6/87
1BRD	*BACTERIORHODOPSIN (ELECTRON DIFFRACTION)	R. HENDERSON ET AL.	5/90
1BD5	BD5-I (SEA ANEMONE) (NMR MIN AVRGD STRUCT)	CLORE, DRISCOLL, GRONENBORN	11/88
2BD5	BD5-I (SEA ANEMONE) (NMR, 42 STRUCTURES)	CLORE, DRISCOLL, GRONENBORN	11/88
2BEX	ALPHA-BUNGAROTOXIN	R. LOVE, R. STROUD	2/86
4CPV	CA-BINDING PARVALBUMIN (CARP)	V. KUMAR, L. LEE, B. EDWARDS	10/85
5CPV	CA-BINDING PARVALBUMIN (CARP)	SWAIN, KRETSINGER, AMBA	1/90
1CDP	CA-BINDING PARVALBUMIN (CD SUBSET) (CARP)	SWAIN, KRETSINGER, AMBA	1/90
1SCP	SARCOPLASMIC CALCIUM-BINDING PROTEIN	W. COOK, S. BALICK ET AL.	6/90
31CB	CALCIUM-BINDING PROTEIN (INTESTINAL)	D. SEBENYI, K. MOFFAT	9/86
31CN	CALMODULIN (RAT)	Y. BABU, C. BUGG, W. COOK	5/88
1CAP	CAPSULAR POLYSACCHARIDE (E. COLI M41)	S. ARNOTT	5/78
2CAB	CARBONIC ANHYDRASE B (HUMAN)	K. KANNAN	10/83
1CA2	CARBONIC ANHYDRASE II (HUMAN)	ERIKSSON, JONES, LILJAS	2/89
2CA2	CARBONIC ANHYDRASE II /SCN (HUMAN)	ERIKSSON, JONES, LILJAS	2/89
3CA2	CARBONIC ANHYDRASE /AMS	ERIKSSON, JONES, LILJAS	10/89
3CPA	CARBOKYPEPTIDASE A /GLYCYLTYROSINE	D. REES, W. LIPSCOMB	3/82
4CPA	CARBOKYPEPTIDASE A /POTATO INHIBITOR	D. REES, W. LIPSCOMB	3/82
5CPA	CARBOKYPEPTIDASE A /WATER (BOVINE)	D. REES, W. LIPSCOMB	5/82
1CPB	CARBOKYPEPTIDASE B (BOVINE)	M. SCHMID, J. HERRIOTT	6/76 A
2CPA	*WHEAT SERINE CARBOKYPEPTIDASE II	D. -1. LIAO, S. REMINGTON	1/90 A
1PTE	D-L-ALANYL-CARBOKYPEPTIDASE-TRANSEPTIDASE	J. KELLY, J. KNOX, P. MOEWS	10/85 A
1CAR	CARRAGEENAN	F. ARNOTT	5/78
7CAT	CATALASE (BEEF LIVER)	I. FITA, M. ROSSMANN	11/84
8CAT	CATALASE (BEEF LIVER)	I. FITA, M. ROSSMANN	11/84
4CAT	CATALASE (PENICILLIUM VITALE)	B. VAINHSTEIN ET AL.	2/83 B
1CD4	CD4 (HIV BINDING FRAGMENT) (HUMAN)	RYU, KWONG, HENDRICKSON	11/90
2CD4	CD4 (N-TERMINAL FRAGMENT) (HUMAN)	GARRETT, WANG, YAN, HARRISON	11/90
1CBH	CELLULOSEHYDROLASE 1 (NMR MIN AVRGD STRUCT)	M. M. CLORE, A. GRONENBORN	5/89
2CBH	CELLULOSEHYDROLASE 1 (NMR, 41 STRUCTURES)	G. M. CLORE, A. GRONENBORN	5/89
3CBH	CELLULOSEHYDROLASE (TRICHODERMA RESEI)	A. JONES, J. ROUVINEN	8/90 A
2CHY	CHE Y (SALMONELLA TYPHIMURUM)	STOCK, MOTTONEN, STCK, SCHUTT	5/90 A
1CIA	CHLORAMPHENICOL ACETYLTANSFERASE (S148A)	M. GIBBS, A. LESLIE	10/89
2CIA	CHLORAMPHENICOL ACETYLTANSFERASE (D199M)	M. GIBBS, P. MOODY, A. LESLIE	4/90
3CIA	CHLORAMPHENICOL ACETYLTANSFERASE	A. LESLIE	7/90
1C4S	CHONDROITIN-4-SULFATE	S. ARNOTT	5/78
2C4S	CHONDROITIN-4-SULFATE (CA SALT)	S. ARNOTT	5/78
1CMB	CHYMOSIN	G. GILLILAND ET AL.	10/89
1CMA	ALPHA-CHYMOTRYPSIN (TOSYL)	D. BLOW	1/75
2CMA	ALPHA-CHYMOTRYPSIN (BOVINE)	H. TSUKADA, D. BLOW	11/84
5CMA	ALPHA-CHYMOTRYPSIN (BOVINE)	R. BLEVINS, A. TULINSKY	1/85
6CMA	ALPHA-CHYMOTRYPSIN (BOVINE) /PEBA	A. TULINSKY, R. BLEVINS	2/87
1CHO	ALPHA-CHYMOTRYPSIN/OVOMUCOID COMPLEX	M. JAMES ET AL.	3/88
2GCH	GAMMA-CHYMOTRYPSIN	COHEN, DAVIES, SILVERTON	5/80
3GCH	GAMMA-CHYMOTRYPSIN/CINNAMATE A	STODDARD, RINGE, PETSKO	9/89
4GCH	GAMMA-CHYMOTRYPSIN/CINNAMATE B	STODDARD, RINGE, PETSKO	9/89
5GCH	GAMMA-CHYMOTRYPSIN (PHOTOLYSIS)	STODDARD, RINGE, PETSKO	9/89
6GCH	GAMMA-CHYMOTRYPSIN/ACPHCE3	A. WEI, D. RINGE, R. ABELIS	4/90
7GCH	GAMMA-CHYMOTRYPSIN/ALPCE3	A. WEI, D. RINGE, R. ABELIS	4/90
2C12	CHYMOTRYPSIN INHIBITOR 2 (BARLEY SEEDS)	C. MCPHALEN, M. JAMES	9/88
1CHG	CHYMOTRYPSINOGEN	J. KRAUT, J. BIRKTOFT	3/75
2CGA	CHYMOTRYPSINOGEN A (BOVINE)	D. WANG, W. BODE, R. HUBER	1/87
1CTE	CITRATE SYNTHASE (PIG)	REMINGTON, WIEGAND, HUBER	1/84
2CTE	CITRATE SYNTHASE (PIG, COA, CITRATE CMLX)	REMINGTON, WIEGAND, HUBER	1/84
3CTE	CITRATE SYNTHASE (CHICKEN, COA, CITRATE)	REMINGTON, WIEGAND, HUBER	1/84
4CTE	CITRATE SYNTHASE (PIG, OXALOACETATE CMLX)	REMINGTON, WIEGAND, HUBER	1/84
5CTE	CITRATE SYNTHASE/OXALOACETATE/COA	KARPUSAS, BRANCHAUD, REMINGTON	11/89
6CTE	CITRATE SYNTHASE/CITRYLTHIOETHER COA	KARPUSAS, BRANCHAUD, REMINGTON	11/89
1CSC	*CITRATE SYNTHASE/L-HALATE/CREXMYHL COA	KARPUSAS, HOLLAND, REMINGTON	5/90
2CSC	*CITRATE SYNTHASE/D-HALATE/CREXMYHL COA	KARPUSAS, HOLLAND, REMINGTON	5/90
3CSC	*CITRATE SYNTHASE/L-HALATE/ACETYL COA	KARPUSAS, HOLLAND, REMINGTON	5/90
4CSC	*CITRATE SYNTHASE/D-HALATE/ACETYL COA	KARPUSAS, HOLLAND, REMINGTON	5/90
5CSC	*CITRATE SYNTHASE (OPEN FORM)	LIAO, KARPUSAS, REMINGTON	5/90
1C1X	ALPHA COBRATOXIN	W. BAKER, M. WALKINGSHAW	2/80
2CNA	CONCANAVALIN A	G. REEKE, J. BECKER, G. EDELMAN	4/75
1CNA	CONCANAVALIN A	K. HARDMAN	9/76
1CNI	CONCANAVALIN A (DEMETALLIZED)	M. SHOHAM	12/81
1CRM	CRAMBIN	W. HENDRICKSON, M. TEETER	5/81
1CRO	CRO REPRESSOR PROTEIN	B. MATTHEWS ET AL.	6/87 A
2CRO	CRO (PHAGE 434)	S. HARRISON ET AL.	12/88
1GCR	GAMMA-II CRYSTALLIN (CALE)	T. BLUNDELL	8/85
2GCR	GAMMA IV A CRYSTALLIN (BOVINE LENS)	H. DRIESSEN ET AL.	5/89
1CBP	CUCUMBER BASIC PROTEIN	J. M. GUSS	9/88 A
3B5C	CYTOCHROME B5 (BOVINE)	F. S. MATHEWS, R. DURLY	1/90 R
256B	CYTOCHROME B562 (ESCHERICHIA COLI)	HAMADA, BETHEGE, MATHEWS	1/90 R
3CYT	CYTOCHROME C (ALBACORE, OXIDIZED)	T. TAKANO, R. DICKERSON	7/80
5CYT	CYTOCHROME C (ALBACORE, REDUCED)	T. TAKANO	1/88
1CYC	CYTOCHROME C (BONITO, HEART)	M. KAKUDO	8/76
1CCR	CYTOCHROME C (RICE)	H. OCHI, N. TANAKA	3/83
2CCY	CYTOCHROME C'	B. FINZEL ET AL.	8/85
2CCP	CYTOCHROME C2 (FEROXIDASE (YEAST))	B. FINZEL, T. POULOS, J. KRAUT	8/85
2CCZ	CYTOCHROME C2 (OXIDIZED)	G. BHATIA, B. FINZEL, J. KRAUT	11/83
3CCZ	CYTOCHROME C2 (REDUCED)	G. BHATIA, B. FINZEL, J. KRAUT	11/83
1CY3	CYTOCHROME C3	R. BAKER, M. FREY, P. PATAF	6/85
2CDV	CYTOCHROME C3 (DESULFOVIBRIO VULGARIS)	N. YASUDA, H. KAKUDO	11/83
1CC5	CYTOCHROME C5 (OXIDIZED, AZOTOBACTER VHLDC)	C. D. STOUT, D. CARTER	8/84
155C	CYTOCHROME C550	R. TIMKOVICH	8/76
151C	CYTOCHROME C551 (OXIDIZED)	MATSUURA, TAKANO, DICKERSON	7/81
451C	CYTOCHROME C551 (REDUCED)	MATSUURA, TAKANO, DICKERSON	7/81
2CPF	CYTOCHROME P450CAM (PSEUDOMONAS PUTIDA)	T. POULOS, B. FINZEL, A. HOWARD	4/87
3CPF	CYTOCHROME P450CAM/CAMPHOR MONOOXYGENASE	R. RAAG, T. POULOS	6/89
8DPR	DIHYDROPOLATE REDUCTASE (CHICKEN LIVER)	J. KRAUT ET AL.	5/89
3DPR	DIHYDROPOLATE REDUCTASE (L. CASEI)	J. BOLIN, D. MATTHEWS, J. KRAUT	6/82
4DPR	DIHYDROPOLATE REDUCTASE (E. COLI)	J. BOLIN, D. MATTHEWS, J. KRAUT	

68NA	DNA (B, 9-RC-CGGCAATTCGGC, SYNTH)/NETROPSIN	KOPKA, R. DICKERSON	8/84	1MCW	IGG1 LIGHT CHAIN DIMER (MCG-WEIR HYBRID)	K. ELY, J. HERRON, A. EDMUNDSON	5/89
78NA	DNA (B, CGCGAATTCGGC, ANISO TEMP FACTORS)	HOLBROOK, DICKERSON, KIM	1/85	2MCG	IMMUNOGLOBULIN B-J INTACT MCG (ORTHORHMB)	K. ELY, J. HERRON, A. EDMUNDSON	5/89
88NA	DNA (CGCGAATTCGGC, SYNTHIC)/HOECHST 33258	P. PURA, GRZESKOWIAK, DICKERSON	8/86	3MCG	IMMUNOGLOBULIN B-J INTACT MCG (TRIGONAL)	K. ELY, J. HERRON, A. EDMUNDSON	5/89
12NA	DNA (2', CGCG, HIGH-SALT, SYNTHETIC)	H. DREW, R. DICKERSON	1/81	1REI	IMMUNOGLOBULIN B-J FRAGMENT (V-DIMER) REI	O. EPP, R. HUBER	3/76
10NA	DNA (1-BC-CG-BR-CG-BR-CG, SYNTHIC, 18 DEG C)	D. MORAS ET AL.	12/86	2RHE	IMMUNOGLOBULIN B-J FRAGMENT (V-HMMER) RHE	FUREY, WANG, YOO, SAX	6/83
10NS	DNA (1-BC-CG-BR-CG-BR-CG, SYNTHIC, 37 DEG C)	D. MORAS ET AL.	12/86	1PC1	IMMUNOGLOBULIN FC (HUMAN)	J. DEISENHOFER	5/81
10NE	DNA (GGATGGGAG, SYNTHETIC)	MCCALL, BROWN, HUNTER, KENNEDY	5/87	1PC2	IMMUNOGLOBULIN FC-FRAGMENT B COMPLEX	J. DEISENHOFER	5/81
10NB	DNA (CGTACGTAC, SYNTHETIC)	M. SUNDARALINGAM	5/87	1PEC	IGG PFC FRAGMENT	L. M. AMZEL	10/81
20ND	DNA (CGCAATTCGGC)-DISTAMYIN COMPLEX	M. COLL, A. RICH	8/88	21G2	IGG1 (LAMBDA) KOL	M. MARQUART, R. HUBER	4/89 R
10NB	DNA (CGCAATTCGGC)-HOECHST 33258 COMPLEX	A. WANG ET AL.	2/88	21NS	INSULIN (BOVINE, 2-ZINC) DES-PHE B1	C. REYNOLDS, G. DODSON	5/82
30NB	DNA (CCAGATTGG)	G. PRIVE, R. DICKERSON	3/88	31NS	INSULIN (PORCINE, XRAY+NEUTRON)	A. WLODAWER, H. SAVAGE	10/88
1D14	DNA (CGCGCGTTCGCGCGG)	CHATTOPADHYAYA, DICKERSON	4/88	41NS	INSULIN (PORCINE, 2-ZINC)	G. DODSON ET AL.	7/89 R
1DCC	DNA (CGCGCG)	C. FREDERICK, A. WANG ET AL.	8/88	111B	INTERLEUKIN 1B (HUMAN)	FINZEL, WATENPAUGH, EINSPIR 1/2/89	
40NB	DNA (CGCGAATTCGGC)/SPERMINE	A. WANG, A. RICH ET AL.	8/88	211B	INTERLEUKIN 1B (HUMAN)	FRIESTLE, SCHAER, GLOETTER	1/90
40NB	DNA (CGCGAATTCGGC)	C. FREDERICK, A. RICH ET AL.	9/88	411B	INTERLEUKIN 1B (HUMAN)	VEGRANDIAN, POULOS ET AL.	3/90
1DNE	DNA (CGCGAATTCGGC)/NETROPSIN	M. COLL ET AL.	9/88	111L	INTERLEUKIN 8 (NMR, AVERAGED STRUCTURE)	C. CLORE, A. GRONENBORN	3/90
1BD1	DNA (CGCGCGTTCGG)	U. HEIMMANN	8/89	211L	INTERLEUKIN 8 (NMR, 30 STRUCTURES)	C. CLORE, A. GRONENBORN	3/90
1DNS	DNA (GTGTACAC)/SPERMINE	M. SUNDARALINGAM	2/89	31CD	ISOCITRATE DEHYDROGENASE	HURLY, KOSHLAN, STROUD	12/89
1DN9	DNA (CGCATATATGCG)	C. YOON, R. DICKERSON	4/89	41CD	ISOCITRATE DEHYDROGENASE (PHOSPHORYLATED)	HURLY, KOSHLAN, STROUD	12/89
5ANA	DNA (GTACGTAC)	F. TAKUSAGAWA	8/89	2PKA	KALLIKREIN A (PORCINE)	W. BOOE, Z. CHEN	5/84
1DNF	DNA (CGCGCG)	COLL, WANG, RICH ET AL.	12/88	2KAI	KALLIKREIN A (PORCINE)/PTI (BOVINE)	W. BOOE, Z. CHEN	5/84
1D10	DNA (CGATCG)/DAUNOMYCIN	C. FREDERICK ET AL.	10/89	1KGA	KDG ALDOLASE	A. TULINSKY	8/78 A
1D11	DNA (CGTACG)/DAUNOMYCIN	WANG, UGHETTO, QUIGLEY, RICH	10/89	1KES	KERATAN SULFATE	S. ARNOTT	5/78
1D12	DNA (CGATCG)/ADRIAMYCIN	C. FREDERICK ET AL.	10/89	1ALC	ALPHA-LACTALBUMIN (BABOON)	ACHARYA, STUART, PHILLIPS	8/89
1D13	DNA (CGCGCGGT)	C. FREDERICK ET AL.	10/89	2B1M	BETA-LACTAMASE (B. LICHENIFORMIS)	P. MOEWS, J. KNOX, O. DIEBERG	2/90 A
1D14	DNA (CGTACG)/11-DEOXYDAUNOMYCIN	L. WILLIAMS ET AL.	10/89	3B1M	BETA-LACTAMASE (S. AUREUS)	E. HORNBERG, J. MOULT	12/90 R
1BDN	*DNA (CGCAAAAATCGC)	DIGABRIELE, SANDERSON, STEITZ	4/89	1LDB	APO-L-LDH (BACILLUS STEAROTHERMOPHILUS)	K. PIONTEK, M. ROSSMANN	3/89
98NA	*DNA (CGCAATTCGGC)	E. WESTHOFF	2/90	2LDB	L-LDH/NAD/FRUCTOSE-1, 6-BISPHOSPHATE	X. PIONTEK, M. ROSSMANN	3/89
1DPI	DNA POLYMERASE I (KLENOW FRAGMENT)	L. BEESE, D. OLLIS, T. STEITZ	8/87 A	3LDB	LACTATE DEHYDROGENASE/NAD/PYRUVATE (DOG)	M. ROSSMANN	11/74
1GNS	GENE-5 DNA BINDING PROTEIN	G. BRAYER, A. MCPHERSON	1/86	1LDM	LACTATE DEHYDROGENASE/NADH/OKAMATE (DOG)	J. BRIFFITH, M. ROSSMANN	11/87
1RIE	ECO RI ENDONUCLEASE/TCGGGAATTCGGC	R. JOSEBERG ET AL.	9/90 A	6LDB	APO-M4-LACTATE DEHYDROGENASE (DOGE ISH)	C. ABAD-ZAPATERO, M. ROSSMANN 11/87	
1HNE	ELASTASE (HUMAN NEUTROPHIL)	M. KRIVIA ET AL.	4/89	8LDB	APO-M4-LACTATE DEHYDROGENASE/CITRATE	C. ABAD-ZAPATERO, M. ROSSMANN 1/88	
1EST	ELASTASE (PORCINE, TOBY)	H. WATSON	5/78	1L1C	LACTATE DEHYDROGENASE (L. CASEI)	M. BUEHNER, H. HECHT, R. HENSEL 11/88	
2EST	ELASTASE-TEAP COMPLEX (PORCINE)	L. SIEKER, D. HUGHES	3/86	5LDB	LACTATE DEHYDROGENASE (HOUSE TESTES)	M. ROSSMANN	11/87
3EST	ELASTASE (PORCINE)	E. MEYER ET AL.	9/87	6LDB	LACTATE DEHYDROGENASE/PS-LAC/NAD (PIG)	U. GRAU, M. ROSSMANN	10/89
1EFM	ELONGATION FACTOR TU (TRYPSIN-MODIFIED)	F. JURNAK	5/87 A	21LN	PEA LECTIN	SUDATH, PHILLIPS, EINSPIR 6/90	
1ETU	ELONGATION FACTOR TU (DOMAIN I)/GDP COMPLT.	L. LA COUR ET AL.	1/88	2LH1	LEGHEMOGLOBIN (ACETATE MET)	VAINSHTEIN, HARUTYUNYAN	4/82
2ENL	ENOLASE (YEAST)	L. LEBIODA, B. STEC	3/89 AR	2LH2	LEGHEMOGLOBIN (ACETATE MET)	VAINSHTEIN, HARUTYUNYAN	4/82
5EBX	ERABUTOXIN A (SEA SNAKE)	P. CORFIELD, T.-J. LEE, B. LOW	12/89	2LH3	LEGHEMOGLOBIN (AQUO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
3EBX	ERABUTOXIN B (SEA SNAKE)	B. LOW ET AL.	1/88	2LH4	LEGHEMOGLOBIN (AQUO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1ECD	ERYTHROCUORIN (REDUCED, DEOXY)	W. STEIGMANN, E. WEBER	3/79	2LH5	LEGHEMOGLOBIN (CYANO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1ECO	ERYTHROCUORIN (CARBONMONOXY)	W. STEIGMANN, E. WEBER	3/79	2LH6	LEGHEMOGLOBIN (CYANO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1ECA	ERYTHROCUORIN (AQUO, MET)	W. STEIGMANN, E. WEBER	3/79	2LH7	LEGHEMOGLOBIN (DEOXY)	VAINSHTEIN, HARUTYUNYAN	4/82
1ECN	ERYTHROCUORIN (CYANO, MET)	W. STEIGMANN, E. WEBER	3/79	2LH8	LEGHEMOGLOBIN (DEOXY)	VAINSHTEIN, HARUTYUNYAN	4/82
4FD1	FERRDOXIN (AZOTOBACTER VINELANDII)	C. D. STOUT	6/88	2LH9	LEGHEMOGLOBIN (FLUORO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1FD2	FERRDOXIN (A. VINELANDII) MUTANT (C20A)	C. D. STOUT	12/88	2LH5	LEGHEMOGLOBIN (FLUORO MET)	VAINSHTEIN, HARUTYUNYAN	4/82
2FD2	FERRDOXIN (A. VINELANDII) MUTANT (C24A)	C. D. STOUT	8/90	2LH6	LEGHEMOGLOBIN (NICOTINATE MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1FBX	FERRDOXIN (B. THERMOPROTEOLYTICUS)	FUKUYAMA, TSUKIHARA, KATSUBE	6/88	2LH7	LEGHEMOGLOBIN (NICOTINATE MET)	VAINSHTEIN, HARUTYUNYAN	4/82
1FDX	FERRDOXIN (PEPTOCOCCUS AEROGENES)	E. ADMAN, L. SIEKER, L. JENSEN	8/76	2LH7	LEGHEMOGLOBIN (FERRO)/NITROSOBENZENE	VAINSHTEIN, HARUTYUNYAN	4/82
3FCX	FERRDOXIN (SPIRULINA PLATENSIS)	TSUKIHARA, KATSUBE, KAKUDO	12/81	2LH7	LEGHEMOGLOBIN (FERRO)/NITROSOBENZENE	VAINSHTEIN, HARUTYUNYAN	4/82
1FPC	FLAVOCTOCHROME B2 (YEAST)	F. S. MATHEWS, Z.-K. XIA	1/90	2LBP	LEUCINE BINDING PROTEIN (E. COLI)	F. QUIOCHO ET AL.	4/89
3FNX	FLAVODOXIN (CLOSTRIDIUM MP, OXIDIZED)	M. LUDWIG	12/77	2L1V	LEU-116-VAL BINDING PROTEIN (E. COLI)	J. SACK, M. SAPER, F. QUIOCHO	4/89
4FNX	FLAVODOXIN (CLOSTRIDIUM MP, SEMIQUINONE)	M. LUDWIG	12/77	2L2M	LYSOZYME (BACTERIOPHAGE T4)	L. MATHES ET AL.	8/86
1FX1	FLAVODOXIN (D. VULGARIS, UNREFINED)	WATENPAUGH, SIEKER, JENSEN	10/84	1L01	LYSOZYME (T4) MUTANT (T155A, T157I)	B. MATHES ET AL.	2/88
1GBP	GALACTOSE-BINDING PROTEIN	S. MOMBRAY, G. PETSKO	8/83 A	1L02	LYSOZYME (T4) MUTANT (T157A)	B. MATHES ET AL.	2/88
2GBP	D-GALACTOSE-BINDING PROTEIN (E. COLI)	N. VYAS, M. VYAS, F. QUIOCHO	2/89	1L03	LYSOZYME (T4) MUTANT (T157C)	B. MATHES ET AL.	2/88
3GAP	CATABOLITE GENE ACTIVATOR PROTEIN/CAMP	I. WEBER, T. STEITZ	4/87	1L04	LYSOZYME (T4) MUTANT (T157D)	B. MATHES ET AL.	2/88
1GCN	GLUCAGON	T. BLUNDELL	10/77	1L05	LYSOZYME (T4) MUTANT (T157D)	B. MATHES ET AL.	2/88
1PGI	GLUCOSE-6-PHOSPHATE ISOMERASE	H. MUIRHEAD	7/77 A	1L06	LYSOZYME (T4) MUTANT (T157E)	B. MATHES ET AL.	2/88
2GLS	GLUTAMINE SYNTHETASE (S. TYPHIMURIUM)	D. EISENBERG ET AL.	5/89	1L07	LYSOZYME (T4) MUTANT (T157F)	B. MATHES ET AL.	2/88
1GPI	GLUTATHIONE PEROXIDASE (BOVINE)	O. EPP, R. LADENSTEIN	6/85	1L08	LYSOZYME (T4) MUTANT (T157G)	B. MATHES ET AL.	2/88
3GRS	GLUTATHIONE REDUCTASE (OXIDIZED, HUMAN)	G. SCHULZ, A. KARPLUS	2/88	1L09	LYSOZYME (T4) MUTANT (T157H)	B. MATHES ET AL.	2/88
1GD1	Holo-GPD (BACILLUS STEAROTHERMOPHILUS)	SKARZYNSKI, MOODY, MONACOTT	6/87	1L10	LYSOZYME (T4) MUTANT (T157I)	B. MATHES ET AL.	2/88
2GD1	APo-GPD (BACILLUS STEAROTHERMOPHILUS)	T. SKARZYNSKI, A. WONACOTT	6/89	1L11	LYSOZYME (T4) MUTANT (T157L)	B. MATHES ET AL.	2/88
1GPD	GLYCERALDEHYDE-3-P-DEHYDROGENASE (LOBSTR)	M. ROSSMANN	7/75	1L12	LYSOZYME (T4) MUTANT (T157N)	B. MATHES ET AL.	2/88
4GPD	APo-GLYCERALDEHYDE-3-P-DEHYDROGENASE (LESTR)	GRIFFITH, SONG, ROSSMANN	1/88	1L13	LYSOZYME (T4) MUTANT (T157R)	B. MATHES ET AL.	2/88
3GPD	GLYCERALDEHYDE-3-P-DEHYDROGENASE (HUMAN)	H. WATSON, J. CAMPBELL	6/83	1L14	LYSOZYME (T4) MUTANT (T157S)	B. MATHES ET AL.	2/88
1GOK	GLYCOLATE OXIDASE (SPINACH)	V. LINDQVIST	6/89	1L15	LYSOZYME (T4) MUTANT (T157V)	B. MATHES ET AL.	2/88
1GMA	GRAMICIDIN A (BACILLUS BREVIS)	D. LANGS	8/88	1L16	LYSOZYME (T4) MUTANT (G156D)	B. MATHES ET AL.	2/88
1HSC	HEAT-SHOCK COGNATE PROTEIN (ATPASE FRAGM)	D. MCKAY ET AL.	9/90 A	1L17	LYSOZYME (T4) MUTANT (I3V)	B. MATHES ET AL.	5/89
2HSC	HEAT-SHOCK COGNATE PROTEIN (G146 (A)D)	D. WILEY ET AL.	9/89 R	1L18	LYSOZYME (T4) MUTANT (I3V)	B. MATHES ET AL.	5/89
3HSC	HEAT-SHOCK COGNATE PROTEIN (L226 (A)Q)	D. WILEY ET AL.	9/89	1L19	LYSOZYME (T4) MUTANT (S30D)	B. MATHES ET AL.	5/89
4HSC	HEAT-SHOCK COGNATE PROTEIN (L226 (A)Q)/SIALIC ACID	D. WILEY ET AL.	9/89	1L20	LYSOZYME (T4) MUTANT (N550)	B. MATHES ET AL.	5/89
5HSC	HEAT-SHOCK COGNATE PROTEIN (D112 (B)G)/SIALIC ACID	D. WILEY ET AL.	9/89	1L21	LYSOZYME (T4) MUTANT (N550)	B. MATHES ET AL.	5/89
1HRB	HEMERYTHRIN B	W. HENDRICKSON	6/76 A	1L22	LYSOZYME (T4) MUTANT (K124G)	B. MATHES ET AL.	5/89
1HMQ	HEMERYTHRIN (MET)	STENKAMP, SIEKER, JENSEN	2/83	1L23	LYSOZYME (T4) MUTANT (G77A)	B. MATHES ET AL.	5/89
1HMZ	HEMERYTHRIN (AZIDO, MET)	STENKAMP, SIEKER, JENSEN	2/83	1L24	LYSOZYME (T4) MUTANT (R82P)	B. MATHES ET AL.	5/89
1HR3	HEMERYTHRIN (AZIDO, MET, SIPHONOSOMA)	SMITH, HENDRICKSON, ADDISON	5/83 A	1L25	LYSOZYME (T4) MUTANT (P86A)	B. MATHES ET AL.	5/89
1HDS	HEMOGLOBIN (DEER, SICKLE CELL)	E. AMMA, R. GIRLING	10/79	1L26	LYSOZYME (T4) MUTANT (P86C)	B. MATHES ET AL.	5/89
2HDB	HEMOGLOBIN (HORSE, AQUO MET)	R. LADNER, HEIDNER, PERUTZ	2/77	1L27	LYSOZYME (T4) MUTANT (P86D)	B. MATHES ET AL.	5/89
2DHB	HEMOGLOBIN (HORSE, DEOXY)	M. PERUTZ, G. FERMI	11/73	1L28	LYSOZYME (T4) MUTANT (P86G)	B. MATHES ET AL.	5/89
2HBB	HEMOGLOBIN (HUMAN, DEOXY)	G. FERMI, M. PERUTZ	3/84	1L29	LYSOZYME (T4) MUTANT (P86H)	B. MATHES ET AL.	5/89
3HBB	HEMOGLOBIN (HUMAN, DEOXY, SYMMETRY AVRD)	G. FERMI, M. PERUTZ	3/84	1L30	LYSOZYME (T4) MUTANT (P86L)	B. MATHES ET AL.	5/89
4HBB	HEMOGLOBIN (HUMAN, DEOXY, UNRESTRAINED)	G. FERMI, M. PERUTZ	3/84	1L31	LYSOZYME (T4) MUTANT (P86R)	B. MATHES ET AL.	5/89
1HCO	HEMOGLOBIN (HUMAN, CARBONMONOXY)	J. BALDWIN	8/79	1L32	LYSOZYME (T4) MUTANT (P86S)	B. MATHES ET AL.	5/89
2HCO	HEMOGLOBIN (HUMAN, CARBONMONOXY, NRG REFD)	J. BALDWIN	8/79	1L33	LYSOZYME (T4) MUTANT (V131A)	B. MATHES ET AL.	5/89
1HHO	HEMOGLOBIN (HUMAN, OXY)	B. SHAANAN	6/83	1L34	LYSOZYME (T4) MUTANT (R96H)	B. MATHES ET AL.	5/89
1THB	HEMOGLOBIN (HUMAN, T STATE, PARTIALLY OXY)	D. WALLER, R. LIDDINGTON	1/90	1L35	LYSOZYME (T4) MUTANT (C54T, C97A, I9C, L146C)B	B. MATHES ET AL.	10/89
1FDH	HEMOGLOBIN (HUMAN, FETAL, DEOXY)	F. FRIER	8/76	1LYD	LYSOZYME (T4) EXPRESSED IN E. COLI	D. ROSE	1/89
1HBS	HEMOGLOBIN S (HUMAN, SICKLE CELL)	E. PADLAN, W. LOVE	6/82	1LYZ	LYSOZYME (HEN EGG-WHITE, SET W2)	R. DIAMOND, D. PHILLIPS	2/75
1COH	HEMOGLOBIN (ALPHA-FERROUS, BETA-COBALTOUS)	B. LUISI	1/89	2LYZ	LYSOZYME (HEN EGG-WHITE, SET R50)	R. DIAMOND, D. PHILLIPS	2/75
2LHB	HEMOGLOBIN V (CYANO, MET, SEA LAMPREY)	HONZATKO, HENDRICKSON, LOVE	8/85	3LYZ	LYSOZYME (HEN EGG-WHITE, SET R54A)	R. DIAMOND, D. PHILLIPS	2/75
2HKH	HEXOKINASE (YEAST) FORM B111	STEITZ, ANDERSON, STENKAMP	3/78	4LYZ	LYSOZYME (HEN EGG-WHITE, SET R59A)	R. DIAMOND, D. PHILLIPS	2/75
1HKH	HEXOKINASE A - GLUCOSE COMPLEX (YEAST)	W. BERTHELT JR., T. STEITZ	12/80	6LYZ	LYSOZYME (HEN EGG-WHITE, SET R512A)	R. DIAMOND, D. PHILLIPS	2/75
1HIP	HIGH POTENTIAL IRON PROTEIN	J. KRAUT	4/75	7LYZ	LYSOZYME (HEN EGG-WHITE, SET R515)	R. DIAMOND, D. PHILLIPS	2/75
5HIR	HIRUDIN (NMR, MIN AVERAGED STRUCTURE)	CLORE, GRONENBORN ET AL.	1/90	1LZT	LYSOZYME (HEN EGG-WHITE, TRICLINIC)	A. YONATH	5/77
2HIR	HIRUDIN (NMR, 32 STRUCTURES)	CLORE, GRONENBORN ET AL.	12/88	1LZT	LYSOZYME (HEN EGG-WHITE, TRICLINIC)	HODSON, BROWN, SIEKER, JENSEN	4/85
6HIR	HIRUDIN (NMR, K47E, MIN AVERAGED STRUCTURE)	CLORE, GRONENBORN ET AL.	1/90	2LZT	LYSOZYME (TRICLINIC)	RAMANADHAM, SIEKER, JENSEN	9/89
4HIR	HIRUDIN (NMR, K47E, 32 STRUCTURES)	CLORE, GRONENBORN ET AL.	12/88	8LYZ	LYSOZYME (HEN EGG-WHITE, INACTIVATED)	S. OATLEY	9/77
1HLA	HISTOCOMPATIBILITY ANTIGEN A2 (HUMAN)	D. WILEY ET AL.	10/87 A	9LYZ	LYSOZYME (HEN, NAM-NAG-NAM SUBSTRATE ONLY)	J. KELLY, M. JAMES	12/79
2HLA	HLA-AW66	GARRETT, SAPER, WILEY	10/89	1LZH	LYSOZYME (HEN EGG-WHITE, MONOCLINIC)	ARTYMIUK, BLAKE, RICE, WILSON	6/81 A
3HLA	HLA-A2	D. WILEY ET AL.	10/89	2LZH	LYSOZYME (HEN EGG-WHITE, ORTHORHOMBIC)	ARTYMIUK, BLAKE, RICE, WILSON	6/81 A
2HPV	HIV-1 PROTEASE	M. NAVIA, P. FITZGERALD ET AL.	4/89 A	1LYM	LYSOZYME (HEN EGG-WHITE, MONOCLINIC)	HOGLE, RAO, SUNDARALINGAM	7/82
3HPV	HIV PROTEASE	WLODAWER, JASKOLSKI, MILLER	8/89	2LYM	LYSOZYME (HEN EGG-WHITE, 1 ATM)	C. KUNDROT, F. RICHARDS	5/87
4HPV	HIV-1 PROTEASE/N-AC-TI (NLE-PSI-NLE)QR	A. WLODAWER ET AL.	11/89	3LYM	LYSOZYME (HEN EGG-WHITE, 1000 ATM)	C. KUNDROT, F. RICHARDS	5/87
1HYA	HYALURONIC ACID (NA SALT, 3-FOLD HELIX)	S. ARNOTT	11/77	1LZ1	LYSOZYME (HUMAN)		

1MLE	MUCONATE LACTONIZING ENZYME	GOLDMAN, OLLIS, STEITZ	10/90 A	7TIN	THERMOLYSIN (CH2CO (N-CH) LEUCOHC3)	B. MATTHEWS, M. HOLMES	1/83
1ML1	MUCONOLACTONE ISOMERASE (P. PUTIDA)	S. KATTI, B. KATZ, H. WYCKOFF	11/89	1T1P	THERMOLYSIN/PHOSPHORAMIDON INHIBIT COMPLEX	T. RONKUD, MONZINGO, MATTHEWS	6/87
1MBA	MYOGLOBIN (APLYSIA LIMACINA, MET) PH 7.0	M. BOLOGNESI ET AL.	2/89	1T4N	THERMOLYSIN/CLT INHIBITOR COMPLEX	A. MORZINGO, B. MATTHEWS	6/87
2MBA	MYOGLOBIN (A. LIMACINA, MET) /AZIDE PH 7.0	M. BOLOGNESI ET AL.	2/89	2T4N	THERMOLYSIN/PLM INHIBITOR COMPLEX	T. RONKUD, MONZINGO, MATTHEWS	6/87
3MBA	MYOGLOBIN (A. LIMACINA, MET) /FLUORIDE PH 7.0	M. BOLOGNESI ET AL.	2/89	3T4N	THERMOLYSIN/W INHIBITOR COMPLEX	H. HOLDEN, B. MATTHEWS	6/87
4MBA	MYOGLOBIN (A. LIMACINA, MET) /IMIDAZOLE	M. BOLOGNESI ET AL.	2/89	4T4N	THERMOLYSIN/ZEP1A INHIBITOR COMPLEX	B. MATTHEWS ET AL.	6/87
1PMB	MYOGLOBIN (PIG)	A. WILKINSON ET AL.	11/89	5T4N	THERMOLYSIN/ZGOLL INHIBITOR COMPLEX	B. MATTHEWS ET AL.	6/87
1MBS	MYOGLOBIN (SEAL, MET)	H. SCOULOU DI	3/79	6T4N	THERMOLYSIN/ZGOLL INHIBITOR COMPLEX	T. RONKUD, HOLDEN, MATTHEWS	6/87
1MBN	MYOGLOBIN (SPERM WHALE, MET)	H. WATSON	4/73	1SRX	*THIOREDOXIN (E. COLI, OKIDIZED)	B. -O. SODERBERG	5/76 A
4MBN	MYOGLOBIN (SPERM WHALE, MET)	T. TAKANO	1/88	1TRX	*THIOREDOXIN (REDUCED, NMR, 12 STRUCTURES)	P. WRIGHT ET AL.	1/90
5MBN	MYOGLOBIN (SPERM WHALE, DEOXY)	T. TAKANO	1/88	1TON	TOKIN	M. FUJINAGA, M. JAMES	6/87
1MBD	MYOGLOBIN (SPERM WHALE, DEOXY)	S. PHILLIPS	8/81	1ATX	*TOKIN ATX IA (SEA ANEMONE) (NMR, 8 STRUCTURES)	K. WUTHRICH ET AL.	5/90
1MBO	MYOGLOBIN (SPERM WHALE, OXY)	S. PHILLIPS	8/81	2TRA	TRANSFER RNA (YEAST ASP, FORM A)	E. WESTHOFF, P. DUMAS, D. MORAS	11/87
2MB5	*MYOGLOBIN	B. SCHOENBORN, X. CHENG	10/89 R	3TRA	TRANSFER RNA (YEAST ASP, FORM B)	E. WESTHOFF, P. DUMAS, D. MORAS	11/87
1MBC	MYOGLOBIN (SPERM WHALE, CARBONMONOX, 260 K)	J. KURIYAN, G. PETSKO	9/88	1TH1	TRANSFER RNA (YEAST, PHE, PB, PH 7.4)	J. DENMAN, R. BROWN, A. KLUG	8/86
1MBW	MYOGLOBIN (SPERM WHALE) MUTANT (MO, D122N)	G. PHILLIPS	10/89	1TN2	TRANSFER RNA (YEAST, PHE, PB, PH 5.0)	A. JACK, J. LADNER, A. KLUG	4/78
2MHR	MYOHEMERYTHRIN	S. SHERIFF, W. HENDRICKSON	4/87	4TNA	TRANSFER RNA (YEAST, PHE)	S. -H. KIM ET AL.	11/78
1NGB	NEUROTOXIN B (LATICAUDA SEMIFASCIATA)	D. TERNOGLOU, G. PETSKO	8/80	1TRA	TRANSFER RNA (YEAST, PHE)	M. SUNDARALINGAM ET AL.	5/86
1SN3	SCORPION NEUROTOXIN (VARIANT 3)	C. BUGG ET AL.	12/82	4TRA	TRANSFER RNA (YEAST PHE, ORTHORHOMBIC)	E. WESTHOFF, P. DUMAS, D. MORAS	11/87
1OV0	OVOMUCOID THIRD DOMAIN (JAPANESE QUAIL)	E. PAPANOKOS, R. HUBER	1/82	1TGL	TRIACYLGLYCEROL LIPASE	VANDIERPEN, DESREMONDA ET AL.	2/90
2OV0	OVOMUCOID THIRD DOMAIN (SILVER PHEASANT)	W. BODE, O. EPP	6/85	1T1M	TRIOSE PHOSPHATE ISOMERASE	I. WILSON, D. PHILLIPS	9/76
1XY1	DEAMINO-OXYTOCIN (WET FORM)	T. BLUNDELL ET AL.	5/87	1YPI	TRIOSE PHOSPHATE ISOMERASE (YEAST)	T. ALBER, E. LOLLIS, G. PETSKO	1/90
1XY2	DEAMINO-OXYTOCIN (DRY FORM)	T. BLUNDELL ET AL.	5/87	2YPI	TIM (YEAST) /2-PHOSPHOGLYCOLATE	T. ALBER, E. LOLLIS, G. PETSKO	1/90
2P21	C-H-RAS P21 PROTEIN (CATALYTIC DOMAIN)	S. -H. KIM	7/89 A	2TMA	ALPHA TROPOMYOSIN	G. PHILLIPS JR., C. COHEN	9/87 A
3P21	C-H-RAS P21 PROTEIN MUTANT (G12V)	S. -H. KIM	1/90 A	4TNC	TROPONIN C (CHICKEN)	M. SUNDARALINGAM	5/87
1PPT	AVIAN PANCREATIC POLYPEPTIDE	T. BLUNDELL	1/81	5TNC	TROPONIN C (TURKEY)	O. HERZBERG, M. JAMES	5/88
1PAD	PAPAIN (ACE-ALA-ALA-PHE-ALA, CYS-25)	J. DRENTH	11/76	1WRP	TRP REPRESSOR (TRIGONAL)	P. SIGLER ET AL.	12/87
2PAD	PAPAIN (CYS DERIV OF CYS-25)	J. DRENTH	11/76	3WRP	TRP REPRESSOR (ORTHORHOMBIC)	P. SIGLER ET AL.	12/87
3PAD	PAPAIN (OXIDIZED CYS 25)	I. KAMPFUIS, J. DRENTH	3/86	2PTN	TRYPSIN (ORTHORHOMBIC, 2.4M (NH4)2SO4)	J. WALTER, R. HUBER, W. BODE	10/81
4PAD	PAPAIN (CYS-25)	J. DRENTH	11/76	1TLD	TRYPSIN (BOVINE, ORTHORHOMBIC)	W. BODE, J. WALTER, R. HUBER	9/82
5PAD	PAPAIN (BZOXY-GLY-PHE-GLY, CYS-25)	J. DRENTH	11/76	3PTN	TRYPSIN (TRIGONAL, 2.4M (NH4)2SO4)	J. WALTER, R. HUBER, W. BODE	7/89
6PAD	PAPAIN (BZOXY-PHE-ALA, CYS-25)	J. DRENTH	11/76	3PTB	TRYPSIN (BENZAMIDINE INHIBITED)	W. BODE, P. SCHWAGER, J. WALTER	9/82
1PPD	PAPAIN D	J. JANSONIUS	10/84	1TPP	TRYPSIN (P-AMIDINO-PHENYL-PYRUVATE)	J. WALTER, W. BODE, R. HUBER	9/82
5PEP	PEPSIN (PORCINE)	T. BLUNDELL ET AL.	5/90 R	4PTP	TRYPSIN (DIP INHIBITED)	CHAMBERS, STROUD, FINER-MOORE	8/88
3PEP	PEPSIN (PORCINE)	C. ABAD-ZAPATERO, J. ERICKSON	10/89	1MTP	MODIFIED BETA TRYPSIN (NEUTRON)	A. KOSSIAKOFF	9/87
4PEP	PEPSIN (PORCINE)	ANDREVA, FEDOROV, JAMES	12/89	1TRM	TRYPSIN (RAT) MUTANT (D102N)	SPRANG, STANQING, FLEETTERICK	10/87
1PSG	PEPSINOGEN (PORCINE)	J. HARTSUCK, S. REMINGTON	10/88	2TRM	TRYPSIN (RAT) MUTANT (D102N) /BENZAMIDINE	R. STROUD, J. FINER-MOORE	4/88
1PHS	PHASEOLIN (FRENCH BEAN)	M. LAWRENCE ET AL.	3/90	4PTI	TRYPSIN INHIBITOR (BOVINE, PANCREAS)	R. HUBER, J. DEISENHOFER	9/82
1PKF	PHOSPHOFUCTOKINASE (E. COLI) -F6P-ADP/HG	V. SHIRAKIHARA, P. EVANS	1/88	5PTI	TRYPSIN INHIBITOR (BOVINE, XRAY+NEUTRON)	A. WLODAWER, R. HUBER	10/84
2PKF	PHOSPHOFUCTOKINASE (E. COLI)	M. RYPIEWSKI, P. EVANS	1/88	6PTI	TRYPSIN INHIBITOR (FORM III, BOVINE)	A. WLODAWER	5/87
3PKF	PHOSPHOFUCTOKINASE (B. STEAROTHERMOPHILIS)	P. EVANS, P. HUDSON	1/88	7PTI	TRYPSIN INHIBITOR MUTANT (C30A, C51A)	EIGENBROT, RANDAL, KOSSIAKOFF	3/90
4PKF	PHOSPHOFUCTOKINASE (B. ST.) -F6P-ADP/HG	P. EVANS, P. HUDSON	1/88	8PTI	*TRYPSIN INHIBITOR MUTANT (Y35G)	D. HOUSETT	12/90
5PKF	PHOSPHOFUCTOKINASE (B. ST.) T-STATE	P. EVANS, P. HUDSON	1/88	2PTC	TRYPSIN/TRYPSIN INHIBITOR COMPLEX	R. HUBER, J. DEISENHOFER	9/82
3PGK	PHOSPHOGLYCERATE KINASE (YEAST)	H. WATSON	7/82	1TPA	TRYPSIN (AMHYDRO) /TRYPSIN INHIBITOR	HUBER, BODE, DEISENHOFER	9/82
2PGK	PHOSPHOGLYCERATE KINASE (HORSE)	P. EVANS, C. BLAKE	9/76 B	1SGT	TRYPSIN (STREPTOMYCIN GRISSEUS)	R. READ, M. JAMES	4/88
3PGM	PHOSPHOGLYCERATE MUTASE	H. WATSON	4/82	1TGN	TRYPSINOGEN	A. KOSSIAKOFF, R. STROUD	9/79
1BP2	PHOSPHOLIPASE A2 (BOVINE)	B. DIJKSTRA, J. DRENTH	4/81	2TGA	TRYPSINOGEN (2.4M MGSO4)	J. WALTER, R. HUBER, W. BODE	10/81
2BP2	PHOSPHOLIPASE A2 (BOVINE)	B. DIJKSTRA, W. HOL, J. DRENTH	6/81	1TGC	TRYPSINOGEN (.5 CH3OH, .5 HOH)	J. WALTER, R. HUBER, W. BODE	10/81
3BP2	PHOSPHOLIPASE A2 (BOVINE) TRANSAMINATED	B. DIJKSTRA, J. DRENTH	6/83	2TGT	TRYPSINOGEN (1/3 X, 7 CH3OH, 3 HOH)	J. WALTER, R. HUBER, W. BODE	10/81
1P2P	PHOSPHOLIPASE A2 (PORCINE)	B. DIJKSTRA ET AL.	6/83	1TGB	TRYPSINOGEN (1/3 X, 7 CH3OH, 3 HOH)	J. WALTER, R. HUBER, W. BODE	10/81
3P2P	PHOSPHOLIPASE A2 (PORCINE) MUTANT	B. DIJKSTRA ET AL.	11/89	2TGD	TRYPSINOGEN (WITH CA, FROM PEG)	BODE, FEILMANN, HUBER	3/79
1P22	PHOSPHOLIPASE A2 (CA-FREE, RATTLESNAKE)	B. BRUNIE, P. SIGLER	3/86	2TGV	TRYPSINOGEN (DIP-INHIBITED, BOVINE)	M. JONES, R. STROUD	3/86
1PHY	PHOTOACTIVE YELLOW PROTEIN	D. MCKEE, J. TAINER, E. GETZOFF	2/88	2TGD	TRYPSINOGEN/TRYPSIN INHIBITOR	R. HUBER ET AL.	9/82
1PRC	PHOTOSYNTHETIC REACTION CENTER	J. DEISENHOFER ET AL.	2/88	3PTI	TRYPSINOGEN/TRYPSIN INHIBITOR /LE-VAL	R. HUBER ET AL.	9/82
1PCY	PLASTOCYANIN (POPLAR, CU2+)	J. GUSS, H. FREEMAN	8/80	2TPI	TRYPSINOGEN/PTI /ILE-VAL (MERCURATED)	J. WALTER, R. HUBER, W. BODE	10/81
2PCY	PLASTOCYANIN (POPLAR, APO)	GARRETT, GUSS, FREEMAN	11/83	4TPI	TRYPSINOGEN/ARG-15-PTI /VAL-VAL	W. BODE, J. WALTER	6/85
3PCY	PLASTOCYANIN (POPLAR, HG2+ SUBSTITUTED)	CHURCH, GUSS, POTTER, FREEMAN	12/85	1TGS	TRYPSINOGEN/PSTI	R. HUBER ET AL.	9/82
4PCY	PLASTOCYANIN (CROSS-LINKED, CU1+, PH 7.8)	J. M. GUSS	9/86	1WSY	TRYPTOPHAN SYNTHASE (S. TYPHIMURIUM)	M. DAVIES ET AL.	9/88
5PCY	PLASTOCYANIN (POPLAR, CU1+, PH 7.0)	J. M. GUSS	9/86	1TNE	TUMOR NECROSIS FACTOR	D. ECK, S. SPRANG	8/89
6PCY	PLASTOCYANIN (POPLAR, CU1+, PH 3.8)	J. M. GUSS	9/86	2T51	TYROSYL TRNA SYNTHETASE	P. BRICK, T. BHAT, D. BLOW	6/89
7PCY	PLASTOCYANIN (ENTEROMORPHA, CU2+)	J. M. GUSS	9/86	3T51	TYROSYL TRNA SYNTHETASE/TYROSINYL ADNYLTP	P. BRICK, T. BHAT, D. BLOW	6/89
2PAB	PREALBUMIN (HUMAN, PLASMA)	COLLYER, GUSS, FREEMAN	9/89	1UBQ	TYROSYL TRNA SYNTHETASE MUTANT	P. BRICK, T. BHAT, D. BLOW	6/89
2SQA	PROTEINASE A (STREPTOMYCIN GRISSEUS)	S. OATLEY, C. BLAKE	9/77	1UBQ	UIYUQUIN (HUMAN)	V. JAYAKUMAR, BUGG, COOK	1/87
1SGC	PROTEINASE A (STREP. GRISSEUS) /CHYMOTATIN	M. JAMES, A. SIELECKI	1/83	1UTG	UTEROGLOBIN (RABBIT)	J. MORNON ET AL.	3/89
3SGC	PROTEINASE A (STREP. GRISSEUS) /OHMYK3	L. DELBAERE, G. BRAYER	4/86	2UTG	UTEROGLOBIN (RABBIT)	R. BALLY, J. DELETTRE	5/89
4SGB	SCP/PC1	A. SIELECKI ET AL.	1/83	1BMV	BEAM POW MOTTLE VIRUS	J. JOHNSON	10/89
2PKK	PROTEINASE K (TRITRACHUMUM ALBUM LIMBER)	GREENBLATT, RYAN, JAMES	9/89	2M5V	MENGO VIRUS	M. ROSSMANN	4/89 R
3BP2	PROTEINASE II (RAT M8T CELL)	C. BETZEL, G. PAL, W. SAENGER	11/87	2D1V	D10 VIRUS	D. FEILMANN, J. HOGLE	10/89
1R25	*PROTEINASE INHIBITOR IIA (NMR, 5 STRUCTURES)	S. REMINGTON, B. MATTHEWS	9/84	1R1A	RHINOVIRUS 1A	M. ROSSMANN ET AL.	12/88
1R25	*PROTEINASE INHIBITOR IIA (NMR, MIN AVRGD)	K. WUTHRICH ET AL.	5/90	4RNV	RHINOVIRUS 14 (HUMAN)	E. ARNOLD, M. ROSSMANN	1/88
1PAZ	*PSEUDOURIDIN (ALCALIGENES FAECALIS)	K. WUTHRICH ET AL.	6/88	2R51	RHINOVIRUS/ANTIVIRAL AGENT 15 COMPLEX	M. ROSSMANN ET AL.	10/88
2PAZ	*PSEUDOURIDIN (ALCALIGENES FAECALIS)	P. PETRATOS, DAUTER, WILSON	6/88	2R51	RHINOVIRUS/ANTIVIRAL AGENT 16 COMPLEX	M. ROSSMANN ET AL.	10/88
1PYP	INORGANIC PYROPHOSPHATASE	E. ADMAN, K. PETRATOS	9/88	2R52	RHINOVIRUS/ANTIVIRAL AGENT 17 COMPLEX	M. ROSSMANN ET AL.	10/88
1PYK	PYRUVATE KINASE (CAT)	E. HARUTYUNYAN ET AL.	2/83	2R53	RHINOVIRUS/ANTIVIRAL AGENT 18 COMPLEX	M. ROSSMANN ET AL.	10/88
1R69	R1-69 N-TERMINUS OF 434 REPRESSOR	H. MUIRHEAD	1/80 A	2R54	RHINOVIRUS/ANTIVIRAL AGENT 19 COMPLEX	M. ROSSMANN ET AL.	10/88
2OR1	R1-69 (PHAGE 434) /ORI COMPLEX	S. HARRISON ET AL.	12/88	2R55	RHINOVIRUS/ANTIVIRAL AGENT 20 COMPLEX	M. ROSSMANN ET AL.	10/88
1LRP	LAMBDA REPRESSOR (BACTERIOPHAGE LAMBDA)	AGGARWAL, ANDERSON, HARRISON	9/89	2R56	RHINOVIRUS/ANTIVIRAL AGENT 21 COMPLEX	M. ROSSMANN ET AL.	10/88
1LRD	LAMBDA REPRESSOR/DNA	C. PABO, M. LEWIS	12/87 A	2R57	RHINOVIRUS/ANTIVIRAL AGENT 22 COMPLEX	M. ROSSMANN ET AL.	10/88
1RHD	RHOANENSE	S. JORDAN, C. PABO	10/88	1R08	RHINOVIRUS/ANTIVIRAL AGENT 8 COMPLEX	M. ROSSMANN ET AL.	10/88
5R5A	RIBONUCLEASE A (X-RAY+NEUTRON)	W. HOL	12/77	1RMU	RHINOVIRUS MUTANT (11C199Y)	M. ROSSMANN ET AL.	10/88
6R5A	RIBONUCLEASE A /URIDINE VANADATE COMPLEX	A. WLODAWER	4/85	2RMU	RHINOVIRUS MUTANT (11V188L)	M. ROSSMANN ET AL.	10/88
1RN3	RIBONUCLEASE A	BORIKAKOTI, MOSS, PALMER	10/81	25TV	VIRUS (SATELLITE TOBACCO NECROSIS)	T. A. JONES, L. LILJAS	6/84
7R5A	RIBONUCLEASE A (PHOSPHATE-FREE)	A. WLODAWER, G. LILLILAND	6/88	45BV	VIRUS COAT PROTEIN (SOUTHERN BEEB MOSAIC)	M. ROSSMANN	4/85
8R5A	*RIBONUCLEASE A /DT	J. NACHMAN, A. WLODAWER	8/89	2TMV	VIRUS (TOBACCO MOSAIC)	G. STUBBS	9/88
9R5A	*RIBONUCLEASE A /DU	J. NACHMAN, A. WLODAWER	8/89	2TVB	VIRUS (TOMATO BUSHY STUNT)	S. HARRISON	6/84
1R5M	LYS 7-DNP-LYS 41 RIBONUCLEASE A	B. FINZEL ET AL.	8/85	1X1A	D-X-YLOSE ISOMERASE (ARTHROBACTER)	D. BLOW	2/88 A
1SRN	RIBONUCLEASE A (SEMI SYNTHETIC)	MARTIN, DOSCHER, EDWARDS	10/90	2X1A	D-X-YLOSE ISOMERASE (S. RUBIGINOSUS)	H. CARRELL	5/88 A
1R5B	RIBONUCLEASE B (GLYCOSYLATED)	WILLIAMS, GREENE, MCPHERSON	9/87	3X1A	X-YLOSE ISOMERASE (STREP. OLIVOCROMOGENES)	G. FARBER, G. PETSKO	2/89
1RNS	RIBONUCLEASE S	H. WYCKOFF, F. RICHARDS	5/90	4X1A	D-X-YLOSE ISOMERASE /SORBITOL	K. HENRICK, C. COLLYER, D. BLOW	6/89
1RNT	RIBONUCLEASE T1/GUANYLIC ACID COMPLEX	W. SAENGER ET AL.	4/73	5X1A	D-X-YLOSE ISOMERASE /XYLITOL	K. HENRICK, C. COLLYER, D. BLOW	6/89
2RNT	RIBONUCLEASE T1/GUANYL-2', 5'-GUANOSINE	U. HEINEMANN ET AL.	7/87				
3RNT	RIBONUCLEASE T1/VANADATE COMPLEX	W. SAENGER ET AL.	5/89				
1RNA	*RNA (U (UA) 6A)	A. DOCK-BREGGON	2/90				
2R5P	ROUS SARCOMA VIRUS PROTEASE	WLODAWER, MILLER, JASKOLSKI	10/89				
2RUB	RUBISCO (RHODOSPIRILLUM RUBRUM)	SCHNEIDER, LINDQVIST, BRANDEN11/88 A					
4RXN	RUBREDOXIN (C. PASTEURIANUM, UNCONSTR REF)	WATENPAUGH, SIEKER, JENSEN	10/84				
5RXN	RUBREDOXIN (C. PASTEURIANUM, NRG+XTAL REF)	K. WATENPAUGH	10/84				
6RXN	RUBREDOXIN (DESULFOVIBRIO DESULFOFICANS)	M. FRET, L. SIEKER, F. PAYAN	3/88				
1RDG	RUBREDOXIN (DESULFOVIBRIO GIGAS)	E. ADMAN, L. SIEKER, L. JENSEN	9/80				
3RXN	RUBREDOXIN (DESULFOVIBRIO VULGARIS)	M. LEGG, F. A. COTTON, E. HAZEN	5/82				
2NS	STAPHYLOCOCCAL NUCLEASE	P. LOLL, E. LATTMAN	7/89				
1SNC	STAPH NUCLEASE/CA2+/PDP	Y. MITSUI ET AL.	4/80				
2S1	SUBTILISIN INHIBITOR (STREPTOMYCIN)	D. NEIDHART, G. PETSKO	5/88				
1SBC	SUBTILISIN CARLSBERG	C. MCPHALEN, M. JAMES	9/88				
2SEC	SUBTILISIN CARLSBERG/EGLIN COMPLEX	W. BODE	6/88				
1CSE	SUBTILISIN CARLSBERG/EGLIN COMPLEX	J. KRAUT	8/72				
1SBT	SUBTILISIN BPN*	M. WHITLOW, A. HOWARD, J. WOOD	8/89				
1S01	SUBTILISIN BPN* MUTANT	J. DRENTH	9/76				
2S01	SUBTILISIN NOVO	C. MCPHALEN, M. JAMES	9/88				
2S01	SUBTILISIN NOVO/CHYMOTRYPSIN INHIBITOR	Y. MITSUI ET AL.	4/84 A				
1S1C	SUBTILISIN BPN*/SEI COMPLEX	J. RICHARDSON, D. RICHARDSON	3/80				
2S0D	SUPEROXIDE DISMUTASE	S. -H. KIM	5/89 A				
1TH1	THIAMIN (KETTME BERRY)	K. WUTHRICH ET AL.	5/89 A				
2A1T	TENDAMISTAT (NMR, 9 STRUCTURES)						

1RLX	RELAXIN (CONFORMATION A, UNREFINED) MODEL A.EVANS, A.NORTH	3/78
2RLX	RELAXIN (CONFORMATION B, UNREFINED) MODEL A.EVANS, A.NORTH	3/78
3RLX	RELAXIN (CONFORMATION A, REFINED) MODEL A.EVANS, A.NORTH	3/78
4RLX	RELAXIN (CONFORMATION B, REFINED) MODEL A.EVANS, A.NORTH	3/78
7TMN	THERMOLYSIN SUBSTRATE (TRANSITION) MODEL B.MATTHEWS ET AL.	6/87
1TNC	TROPONIN (CA-BINDING COMPONENT) MODEL R.KRETSINGER, C.D.BARRY	6/80 A

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

STATUS CODES

BLANK	STANDARD ENTRY AVAILABLE FOR DISTRIBUTION
A	ALPHA CARBON ATOMS ONLY
B	BACKBONE ONLY
R	RECENT (1989-1991) REPLACEMENT FOR AN OUT-OF-DATE PARAMETER SET

TABLE 4. PROTEIN DATA BANK, BIBLIOGRAPHIC ENTRIES (NO COORDINATES)

0EAP	ACID PROTEINASE (ENDOTHIA PARASITICA)
0KCD	ACYL-CoA DEHYDROGENASE
0KAK	ADENYLATE KINASE-1, P5-DI (ADENOSINE-5'-)PENTAPHOSPHATE
0KXN	ADENYLATE KINASE
0ALD	ALDOLASE A
0AFP	ANTIFREEZE POLYPEPTIDE (AFP) (HPLC-6)
0AF1	APCERRITIN (HORSE)
0M9A	MITOCHONDRIAL ASPARTATE AMINOTRANSFERASE
0QCS	ASPARTATE CARBAMOYLTRANSFERASE-CARBAMOYL PHOSPHATE-SUCCINATE COMPLEX
0RNB	BARNASE (BACILLUS AMYLOLIQUEFACIENS)
0BGT	ALPHA-BUNGAROTOXIN
0CPT	CALCIUM-BINDING PARVALBUMIN (TOADFISH) / TERBIUM COMPLEX
0PAL	CALCIUM-BINDING PARVALBUMIN BETA (PIKE)
0CDI	CALOTROPIN DI (CALOTROPIS GIGANTEA)
0CPS	CARBOXYPEPTIDASE A (ALPHA) / GLYCYL-L-TYROSINE (-9 DEGREES C)
0CDT	CARDIOTOXIN VI4
0CPN	CATABOLITE GENE ACTIVATOR PROTEIN 91
0ZGP	D-ALANYL-D-ALANINE PEPTIDASE (2N2+ G PEPTIDASE)
0GCB	GAMMA-CHYMOTRYPSIN/3-BENZYL-6-CHLORO-2-PYRONE
0GCI	GAMMA-CHYMOTRYPSIN - INACTIVATOR COMPLEX
0COL	COLICIN A (C-TERMINAL DOMAIN)
0CWA	CONCAVALIN A (DEMETHALIZED)
0CYS	CYSTATIN
0CCI	CYTOCHROME C PEROXIDASE COMPOUND I
0S1C	CYTOCHROME C555 (CHLOROBILIUM THIOSULFATOPHILUM)
0CFF	CYTOCHROME P450CAM (SUBSTRATE-FREE)
0DNI	DEOXYRIBONUCLEASE I (DNASE I)
0C3A	DES-ARG77-C3A ANAPHYLATOXIN
0DRF	DIHYDROFOLATE REDUCTASE-FOLATE COMPLEX
0DF5	R67 DIHYDROFOLATE REDUCTASE (ESCHERICHIA COLI)
0DN2	DNA (CGCAAAATTCGG, SYNTHETIC)
0DN3	DNA (CGCGAATAGCG, SYNTHETIC)
0DAC	DNA (CGGTACGC, SYNTHETIC) COMPLEX WITH TRIOSTIN
0DN1	DNA (GGGGTCCC, SYNTHETIC)
0AN8	DNA (GGTATACC)
0ANB	DNA (GG+UA+UACC)
0DNC	DNA (A, GGGGCTCC, SYNTHETIC)
0EPC	ELASTASE-(THR-PRO-NVAL-NHEIU-TYR-THR) COMPLEX AT 292 DEGREES KELVIN
0EVC	ELASTASE-MEO-SUC-ALA-ALA-PRO-VAL CHLOROMETHYL KETONE
0E3C	ELASTASE COMPLEX WITH TWO MOLECULES OF ACE-ALA-PRO-ALA
0E5E	ELASTASE COMPLEX (PIC)
0E2A	EXOTOXIN A (PSEUDOMONAS AERUGINOSA)
0FDL	FAB (IGG D1.3) COMPLEX WITH LYSOZYME
0EX1	FERRDOXIN I (APHANOTHECE SACRUM)
0FE1	FERRDOXIN I
0FX3	FLAVODOXIN (OXIDIZED, ANACYSTIS NIDULANS)
0FX2	FLAVODOXIN (REDUCED, CLOSTRIDIUM ME)
0GBP	D-GALACTOSE-BINDING PROTEIN (ESCHERICHIA COLI)
0GLS	GLUTAMINE SYNTHETASE (SALMONELLA TYPHIMURIUM)
0HRS	HEAVY RIBOFOLAVIN SYNTHASE
0HPI	HEMOCYANIN (PANULIRUS INTERRUPTUS)
0DCH	HEMOGLOBIN (COBALT, DEOXY)
0HBC	HEMOGLOBIN (GLYCERA DIBRANCHIATA)
0HBT	HEMOGLOBIN (T STATE, HUMAN)
0AUI	IMMUNOGLOBULIN, BENGE-JONES FRAGMENT (KAPPA) AU
0ROY	IMMUNOGLOBULIN, BENGE-JONES FRAGMENT (V-MONOMER, KAPPA) ROY
0IG1	IMMUNOGLOBULIN G1 (KAPPA) DOB
0IN4	INSULIN (HUMAN)
0IN1	INSULIN (PORCINE)
0IN2	INSULIN (PORCINE)
0IN3	DESPENTAPEPTIDE INSULIN (BEEF)
0ZIN	INSULIN (2M-INSULIN SPHENOL)
0ILT	INTERLEUKIN-2
0RIF	INTESTINAL FATTY ACID-BINDING PROTEIN
0LPC	LIPOVITELLIN-PHOSVITIN COMPLEX
0LZG	LYSOZYME G (GOOSE-TYPE)
0GIM	LYSOZYME (EMBDEN GOOSE)
0LZ5	LYSOZYME (HEN EGG-WHITE, NEUTRON STUDY)
0LZ2	LYSOZYME (HEN EGG-WHITE, DEUTERATED ETHANOL)
0LZT	LYSOZYME (HEN EGG-WHITE, HIGH-TEMPERATURE)
0LZ4	LYSOZYME (STREPTOMYCES ERYTHREUS)
0TEL	LYSOZYME (TORTOISE EGG-WHITE)
0B2M	BETA2-MICROGLOBULIN
0M4D	MITOCHONDRIAL MALATE DEHYDROGENASE (PORCINE)
0MBM	MYOGLOBIN (SPERM WHALE, MET, TEMPERATURE STUDIES)
0MB3	MYOGLOBIN (SPERM WHALE, MET, NEUTRON STUDY)
0PEC	PAPAIN-E-64 COMPLEX
0PGL	PHOSPHOGLUCOMUTASE (RABBIT)
0PPA	PHOSPHORYLASE A (RABBIT)
0PPB	PHOSPHORYLASE B (RABBIT)
0CPC	C-PHYCOCYANIN (AGHANELLUM QUADRUPLICATUM)
0PFB	PLATELET FACTOR 4
0FE1	PROTHROMBIN FRAGMENT 1 (BOVINE)
0RCR	REACTION CENTER
0RX5	RELAXIN (PORCINE) MODEL
0REN	RENIN
0RSA	RIBONUCLEASE A (BOVINE)
0RIA	RIBONUCLEASE A (BOVINE) COMPLEX WITH DNA (AAAA)
0RBS	RIBONUCLEASE (BOVINE SEMINAL)
0RBI	RIBONUCLEASE BI (BINASE)
0RST	RIBONUCLEASE ST (STREPTOMYCES ERYTHREUS)
0RPL	RIBOSOMAL PROTEIN L30
0RIC	RICIN (RCAII)
0CSB	STREPTAVIDIN-BIOTIN COMPLEX
0ST1	SUBTILISIN (BAS)
0ST2	SUBTILISIN (BASOX) (PEROXIDE-OXIDIZED)
0SBP	SULFATE-BINDING PROTEIN
0SDE	FE-SUPEROXIDE DISMUTASE (ESCHERICHIA COLI)
0SDP	FE-SUPEROXIDE DISMUTASE (PSEUDOMONAS OVALIS)
0SDM	MN-SUPEROXIDE DISMUTASE (THERMUS THERMOPHILUS)
0TMT	THERMITASE
0TEC	THERMITASE-EGLIN C COMPLEX

0TTN	THIOREDOXIN (BACTERIOPHAGE T4)
0FMT	INITIATOR TRANSFER RNA (E. COLI, F/MET)
0TRI	TRANSFER RNA (YEAST, PHS)
0MTS	METHIONYL TRANSFER RNA SYNTHETASE
0TFD	TRANSFERRIN (DIFERRIC)
0TMD	TRIMETHYLAMINE DEHYDROGENASE
0TRO	TRP REPRESSOR-OPERATOR COMPLEX
0TTI	BETA TRYPSIN-TRYPSIN INHIBITOR I
0AD2	ADENOVIRUS TYPE 2 HEXON (AD2)
0TWH	VIRUS PROTEIN DISK (TOBACCO MOSAIC)

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

TABLE 5. PROTEIN DATA BANK, STRUCTURE FACTOR ENTRIES

PART 1 - AVAILABLE ON NONST1TP	
PART 2 - AVAILABLE ON NONST2TP	A COMPLETE LIST OF ENTRIES IN PARTS 1-7 CAN BE OBTAINED BY CHECKING THE APPROPRIATE BOX IN THE DOCUMENTATION SECTION OF THE ATTACHED ORDER FORM.
PART 3 - AVAILABLE ON NONST3TP	
PART 4 - AVAILABLE ON NONST4TP	
PART 5 - AVAILABLE ON NONST5TP	
PART 6 - AVAILABLE ON NONST6TP	
PART 7 - AVAILABLE ON NONST7TP	

IDENT CODE	MOLECULE	DEPOSITOR	DATE/ CODE
PART 8 - AVAILABLE ON NONST8TP			
R4APRF	*ACID PROTEASE (R.PEPSIN) /INHIBITOR	K.SUGUNA, D.DAVIES	8/89 SF
R5APRF	*ACID PROTEASE (R.PEPSIN) /INHIBITOR	K.SUGUNA, D.DAVIES	8/89 SF
R6APRF	*ACID PROTEASE (R.PEPSIN) /INHIBITOR	K.SUGUNA, D.DAVIES	8/89 SF
R3B5CF	CYTOCHROME B5 (BOVINE)	F.S.MATHEWS, R.DURLEY	1/90 SF
R256BF	CYTOCHROME B562 (ESCHERICHIA COLI)	HAMADA, BETHGE, MATHEWS	1/90 SF
R1BDNFA	*DNA (CCCAAAAATGCG)	T.STEITE ET AL.	4/89 SF
R1BDNFB	*DNA (CCCAAAAATGCG/CGCATTT-5BR-U-GCG)	T.STEITE ET AL.	4/89 SF
R1THBF	HEMOGLOBIN (HUMAN, T STATE, PARTIALLY OXY)	D.WALLER, R.LIDINGTON	1/90 SF
R2H5SF	*MYOGLOBIN	NUNES, SCHOENBORN ET ALI/O/89 SF	
R6KXSF	RUBREDOXIN (DESULFOVIBRIO DESULFURICANS)	STENKAMP, SIEKER, JENSEN	1/90 SF
R1BVSF	BEAN POD MOTTLE VIRUS	J.JOHNSON	10/89 SF

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

TABLE 6. PROTEIN DATA BANK, NMR EXPERIMENTAL DATA ENTRIES

IDENT CODE	MOLECULE	DEPOSITOR	DATE/ CODE
R2B5MR	BDS-I (SEA ANEMONE) (NMR)	CLORE, DRISCOLL, GRNNBRN11/88 M	
R2CBMR	CELLULOSEDHOLASE 1 (NMR)	G.M.CLORE, A.GRONENBORN	5/89 SF
R2H1MR	HIRUDIN (NMR)	CLORE, GRONENBORN ET ALI/2/88 M	
R2L1MR	INTERLEUKIN 8 (NMR)	G.CLORE, A.GRONENBORN	3/90 M
R1H6MR	*METALLOTHIONEIN (HUMAN) (NMR)	K.WUTHRICH ET AL.	5/90 M
R1H8MR	*METALLOTHIONEIN (RABBIT) (NMR)	K.WUTHRICH ET AL.	5/90 M
R1H7MR	*METALLOTHIONEIN (RAT) (NMR)	K.WUTHRICH ET AL.	5/90 M
R1B9MR	*PROTEINASE INHIBITOR IIA (NMR)	K.WUTHRICH ET AL.	5/90 M
R2A1MR	TENDAMISTAT (NMR)	K.WUTHRICH ET AL.	5/89 M
R1ATMR	*TOXIN ATX IA (SEA ANEMONE) (NMR)	K.WUTHRICH ET AL.	5/90 M

* NEW OR REPLACEMENT ENTRY SINCE JAN-1991 NEWSLETTER

TABLE 7. CORRECTIONS TO COORDINATE ENTRIES AND PROGRAMS

THE FOLLOWING DATA SETS HAVE HAD CORRECTIONS APPLIED. PLEASE CONSULT A COPY OF THE PROTEIN DATA BANK ATOMIC COORDINATE AND BIBLIOGRAPHIC ENTRY FORMAT DESCRIPTION FOR A FULL DESCRIPTION OF REV DAT RECORDS.

REV DAT	6	15-APR-91	3CNAE	1	SOURCE SITE
REV DAT	3	15-APR-91	1CARB	1	JRNL
REV DAT	6	15-APR-91	2PTNE	2	CONNECT
REV DAT	5	15-APR-91	1MB5D	3	OBSLTE
REV DAT	8	15-APR-91	4DFRG	1	FORMUL
REV DAT	2	15-APR-91	2CPA	3	SEQES HELIX TURN ATOM
REV DAT	2	15-APR-91	2LHBA	1	HET SITE
REV DAT	2	15-APR-91	1FKBA	3	HETATM
REV DAT	2	15-APR-91	1INTPA	3	HETATM
REV DAT	4	15-APR-91	2P21C	3	CRYST1
REV DAT	2	15-APR-91	3CPA	3	SEQES HELIX ATOM
REV DAT	2	15-APR-91	3P21A	3	CRYST1
REV DAT	2	15-APR-91	8ADHA	1	REMARK
REV DAT	2	15-APR-91	1FCBA	1	JRNL
REV DAT	2	15-APR-91	1R1EA	1	AUTHOR REV DAT
REV DAT	2	15-APR-91	2ER7A	1	JRNL
REV DAT	3	15-APR-91	2PHHB	1	REV DAT

THE FOLLOWING DATA SETS HAVE BEEN REPLACED

OBSLTE	15-APR-91	1MB5	2MB5
		OLD ENTRY	NEW ENTRY

TABLE 8. COORDINATE AND STRUCTURE FACTOR ENTRIES IN PREPARATION

IDENT CODE	MOLECULE	DEPOSITOR(S)	DATE/ STATUS
2AAA	*ACID ALPHA-AMYLASE (ASPERGILLUS NIGER)	G.DODSON ET AL.	2/91 H
1ATN	*ACTIN/DEOXYRIBONUCLEASE I	W.RABSCCH ET AL.	3/91 P
1ACP	ACYL CARRIER PROTEIN (NR. 2 MODELS)	J.FREESTERD, Y.KIM	7/90 P
1AP5	*ACIDPHOSPHATASE (NR. 5 STRUCTURES)	V.SAUDEK ET AL.	2/91 P
1ADA	*ADENOSINE DEAMINASE (MOUSE)	D.WILSON, P.QUOCHO	4/91 P
1AK3	ADENYLATE KINASE ISOZYME 3	K.DIEDERICHS, G.SCHULZ	1/90 P
1A1D	*ALDOLASE A (HUMAN)	H.WATSON	5/91 P
1A1I	ALPHA-1 (SYNTHETIC PEPTIDE)	C.HILL ET AL.	7/90 P
2P07	ALPHA-LYTIC PROTEASE MUTANT (M192)A	R.BONE, D.AGARD	10/90 RP
1P11	ALPHA-LYTIC PROTEASE/PHOSPHONATE ESTER	R.BONE, D.AGARD	10/90 P
1P12	ALPHA-LYTIC PROTEASE/PHOSPHONATE ESTER	R.BONE, D.AGARD	10/90 P
1ACH	ALPHA1 ANTICHYMOTRYPSIN (HUMAN)	U.BAUMANN, R.HUBER ET AL.	1/91 H
1AAP	ALZHEIMER'S AMYLOID B-PROTEIN PRECURSOR	T.HYNES ET AL.	9/90 P
1AP3	APOLIPOPROTEIN III (LOCUST)	H.HOLDEN ET AL.	11/90 P
2ABP	ARABINOSIDE-BINDING PRTN (P254G) /L-ARABINOSEVERMERSCH, TESMER, QUIOCHO		9/90 P
3ABP	ARABINOSIDE-BINDING PRTN (P254G) /D-FUCOSE VERMERSCH, TESMER, QUIOCHO		9/90 P
4ABP	ARABINOSIDE-BINDING PRTN (P254G) /D-GALACTOSEVERMERSCH, TESMER, QUIOCHO		9/90 P
5ABP	ARABINOSIDE-BINDING PROTEIN/D-GALACTOSE	F.QUOCHO, D.WILSON, N.VYAS	12/90 H
6ABP	*ARABINOSIDE-BINDING PRTN (M108L) /L-ARABINOSEVERMERSCH, TESMER, QUIOCHO		4/91 P

Table with 4 columns: ID, Name, Author, and Reference. Contains a comprehensive list of protein entries including various enzymes, structural proteins, and regulatory factors, such as 7ABP ARABINOSIDE-BINDING PROTEIN, 1A1P CA-BINDING PARVALBUMIN, and 1G5G GLUTAMINYL-TRNA SYNTHETASE.

5P2P	PHOSPHOLIPASE A2 (PORCINE) MUTANT COMPLEX	DIKSTRA ET AL.	5/90 P	R1D27EF	DNA (GCC (GMEG) AATTGGCC)	G. LEONARD ET AL.	9/90 S
1RCR	PHOTOSYNTHETIC REACTION CNTR (RB. SPHAER.)	REES, FEHER ET AL.	10/90 P	R1D28EF	DNA (CGTGAATTCACC)	S. GIBBARD ET AL.	12/90 S
2RCR	PHOTOSYNTHETIC REACTION CNTR (RB. SPHAER.)	CHANG, MORRIS, SCHIFFER	2/91 P	R1D29EF	DNA (CGTGAATTCACC, SYNTHETIC, 0 DEG C)	LARSEN, KOPKA, DICKERSON	1/91 S
1CPC	PHYCOCYANIN (FREMIELLIA DIPLOSPHOM)	DUERRING, SCHMIDT, HUBER	10/90 H	R1D30EF	DNA (CGCGAATTCGCC, SYNTHETIC) / DAPI	LARSEN, DICKERSON ET AL	1/91 S
9PCY	*PLASTOCYANIN (FRENCH BEAN) (NMR, 16 STRCTS)	P. WRIGHT ET AL.	3/91 P	R1D33EF	*DNA (CGCGCC) / CUCL2	T. KAGAWA, P. HO ET AL.	5/91 SH
1FP1	*PROTHROMBIN FRAGMENT 1 (RESIDUES 1-156)	A. TULINSKY ET AL.	3/91 H	R1D40EF	*DNA (5MC)GUA (5MC)G / CUCL2	G. ZHOU, P. HO	5/91 SH
1PCD	PROTocatechuate 3, 4-DIOXYGENASE	DUPONT PROTEIN CRYSTALLGRP	9/90 P	R1D41SF	*DNA (5MC)GUA (5MC)G	E. MEYER JR. ET AL.	5/89 SH
2NFP	*PURINE NUCLEOSIDE PHOSPHORYLASE (HUMAN)	S. EALICK ET AL.	2/91 AP	R45T5F	ELASTASE/DIFLUOROKETONE INHIBTR COMPLEX	E. MEYER JR. ET AL.	5/89 SH
5P21	C-HARVEY-RAS P21 PROTEIN/GPPP	PAL, WITTINGHOFFER, KABSCH	4/90 P	R5E5T5F	ELASTASE/BORONIC ACID INHIBITOR COMPLEX	E. MEYER JR. ET AL.	5/89 SH
6P21	C-HARVEY-RAS P21 PROTEIN	S.-H. KIM	5/90 RP	R3E8X5F	ERABUTOXIN B (SEA SNAKE)	B. LOW ET AL.	1/88 SH
7P21	C-HARVEY-RAS P21 PROTEIN MUTANT (G12V)	S.-H. KIM	5/90 RP	R1FK15F	FERREDOXIN I (APHANOTOSHE SACRUM)	T. TSUKUYAMA	8/90 S
8P21	C-HARVEY-RAS P21 PROTEIN/GDP-CP	S.-H. KIM	5/90 H	R1FCR5F	FLAVODOXIN (CHONDRUS CRISPUS)	K. FUKUYAMA	2/90 S
5RLX	*RELAXIN (HUMAN)	C. EIGENBROT ET AL.	2/91 H	R2FK15F	FLAVODOXIN (D. VULGARIS, ROOM TEMPERATURE)	W. WATT, K. WATENPAUGH	1/91 S
1REN	RENIN	A. SIELECKI ET AL.	10/89 H	R3FK15F	FLAVODOXIN (D. VULGARIS, -150C, OXIDIZED)	W. WATT, K. WATENPAUGH	1/91 S
1RRP	RETINOL-BINDING PROTEIN (HUMAN)	JONES, NEWCOMER, COWAN	4/90 P	R4FK15F	FLAVODOXIN (D. VULGARIS, -150C, SEMIQUINONE)	W. WATT, K. WATENPAUGH	1/91 S
2RN3	RIBONUCLEASE A (BOVINE)	HOWLIN, MOSE, HARRIS, PALMER	8/89 RM	R5FK15F	FLAVODOXIN (D. VULGARIS, -150C, HYDROQUINONE)	W. WATT, K. WATENPAUGH	1/91 S
2RN4	RIBONUCLEASE A (SEMI-SYNTH.) MUTANT (D121M)	B. EDWARDS ET AL.	3/91 P	R6FK15F	GLUTATHIONE REDUCTASE/RETRO-GSSG	G. SCHULZ, W. JAMES	3/90 S
1RNH	RIBONUCLEASE H (E. COLI)	W. YANG, W. HENDRICKSON ET AL	7/90 H	R1M9Q5F	HEMERYTHRIN (HST)	M. HOLMES, R. STENKAMP	10/90 S
1SAR	RIBONUCLEASE SA (STREP. AUREOFACIENS)	J. SEVCIK, E. DODSON, G. DODSON1/2/90 P		R2M9Z5F	HEMERYTHRIN (AZIDOMET)	M. HOLMES, R. STENKAMP	10/90 S
2SAR	RIBONUCLEASE SA (STREP. AUREOFACIENS) / GMP	J. SEVCIK, E. DODSON, G. DODSON1/2/90 P		R1M9D5F	HEMERYTHRIN (DEOXY)	R. STENKAMP ET AL.	10/90 S
4RNT	RIBONUCLEASE T1 MUTANT (H92A)	W. SAENGER, G. KOELLNER	2/90 N	R1M9O5F	HEMERYTHRIN (OXY)	R. STENKAMP ET AL.	10/90 S
5RNT	RIBONUCLEASE T1/GUANOSINE-3', 5'-BISPHOSPHATE	HEINEMANN, LENZ	4/91 P	R1H9G5F	*HEMOGLOBIN (GLYCERA DIBRANCHIATA, CO)	W. LOVE ET AL.	2/91 S
1RCP	*ROP (COL. EI)	M. KOKKINIDIS ET AL.	4/91 P	R2H9G5F	*HEMOGLOBIN (GLYCERA DIBRANCHIATA, DEOXY)	W. LOVE ET AL.	2/91 S
3RUB	RUBISCO (FORM III)	EISENBERG, SCHREUDER ET AL.	5/90 P	R1SDH5F	HEMOGLOBIN (SCAPHARCA, DIMERIC, CO)	W. ROYER ET AL.	10/89 S
4RUB	RUBISCO (FORM IV)	EISENBERG, SCHREUDER ET AL.	5/90 P	R2SDH5F	HEMOGLOBIN (SCAPHARCA, DIMERIC, DEOXY)	W. ROYER ET AL.	1/91 S
5RUB	RUBISCO (RHODOSPIRILLUM RUBRUM)	SCHNEIDER, LINDQVIST, LINDQVIST	5/90 RP	R1BJL5F	*IGG B-J LOC (CRYSTALLIZED IN AMMONIUM SULFATE)	SCHIFFER, XU, CHANG	3/91 S
6RUB	RUBISCO (R. RUBRUM) / 3-PHOSPHOGLYCERATE	T. LINDQVIST, G. SCHNEIDER	5/90 P	R2BJL5F	*IGG B-J LOC (CRYSTALLIZED IN WATER)	SCHIFFER, XU, CHANG	3/91 S
7RUB	RUBISCO (RHODOSPIRILLUM RUBRUM) / CO2/MG2+	T. LINDQVIST, G. SCHNEIDER	5/90 P	R5INS5F	INSULIN (PIG, CUBIC)	J. BADGER, G. DODSON	1/90 S
8RUB	RUBISCO (SPINACH) / CABP	KNIIGHT, ANDERSSON, BRANDEN	11/90 P	R8DHS5F	AP0-M4-LACTATE DEHYDROGENASE/CITRATE	M. ROSSMANN ET AL.	8/88 S
9RUB	RUBISCO (R. RUBRUM) / RIBULOSE-1, 5-BI SPHSPTT	LUNDQVIST, G. SCHNEIDER	11/90 H	R7DHS5F	LACTATE DEHYDROGENASE COMPLEXES	M. ROSSMANN ET AL.	1/88 S
7RUC	RUBREDOXIN (DESULFOVIBRIO VULGARIS)	E. ADMAN, L. SIEKER, L. JENSEN	5/90 RP	R6DHS5F	AP0-M4-LACTATE DEHYDROGENASE (DOGFISH)	M. ROSSMANN ET AL.	11/87 S
3GCA	PROTEINASE A (STREPTOMYCES GRISEUS) / INHBA.	SIELECKI, M. JAMES	5/90 P	R1LDM5F	LACTATE DEHYDROGENASE / NADH / OXAMATE (DOGF)	J. GRIFFITH, M. ROSSMANN	11/87 S
4GCA	PROTEINASE A (STREPTOMYCES GRISEUS) / INHBT.	SIELECKI, M. JAMES	5/90 P	R1LAP5F	LEUCINE AMINOPEPTIDASE (BOVINE LENS)	W. LIPSCOMB ET AL.	10/80 SH
5GCA	PROTEINASE A (STREPTOMYCES GRISEUS) / INHBT.	SIELECKI, M. JAMES	5/90 P	R1LAD5F	LIPAMIDE DEHYDROGENASE (A. VINELANDII)	MATTEVI, SCHIERBECK, HOL	9/90 S
1BST	SOMATOTROPIN (BOVINE GROWTH HORMONE)	CARLACCI, CHOU, MAGGIORA	2/91 P	R2LYM5F	LYSOZYME (HEN EGG-WHITE, 1 ATM)	C. KUNDRUT, F. RICHARDS	5/90 S
15NM	*STAPH NUCLEASE MUTANT (E43D)	F. LOLL, E. LATTMAN	2/90 P	R3LYM5F	LYSOZYME (HEN EGG-WHITE, 1000 ATM)	C. KUNDRUT, F. RICHARDS	5/90 S
25NM	*STAPH NUCLEASE MUTANT (V66K)	E. LATTMAN ET AL.	4/91 P	R4LYM5F	LYSOZYME (HEN, LOW HUMIDITY, TETRAAGONAL)	V. UJAYAN ET AL.	7/90 S
25T1	SUBTILISIN (BASK)	R. BOIT ET AL.	5/90 P	R4ZM5F	*MACROPHAGIN (STREPTOMYCES MACROPHAGIN)	P. JAYAKAR ET AL.	5/91 S
15S2	SUBTILISIN BEM' MUTANT (Q19E, Q271E)	R. BOIT ET AL.	3/90 P	R1M9E5F	*METHYLMETHYLENE GLYOXAL/EGLN C	DAUTER, BETZEL, WILSON	4/91 S
15S2	SUBTILISIN BEM' MUTANT (Q19E, Q271E)	C. ERWIN ET AL.	2/91 P	R1M9D5F	*METHYLAMINE DEHYDROGENASE	F. VELLIEUX, H. NOL	2/91 SH
251C	*SUBTILISIN BEM' / SSI COMPLEX	Y. MITSUI ET AL.	4/91 RP	R5M9A5F	MYO GLOBIN (A. LIMACINA) / AZIDE PH 7.0	M. BOLOGNESI ET AL.	1/91 S
1SDP	FE SUPEROXIDE DISMUTASE (PSEUDOMONAS OVALIS)	STODDARD, RINGE, PETSKO	2/90 P	R1M1M5F	MYOGLOBIN MUTANT (K49R, C110A) (HUMAN)	S. HUBBARD	3/90 S
3SDP	SUPEROXIDE DISMUTASE (BOVINE)	J. TAINER ET AL.	6/90 H	R1MYT5F	*MYOGLOBIN (HST, YELLOWFIN TUNA)	BIRNBAUM, ROSE, PRZELSKA	5/91 S
4TAA	*TAKA-AMYLASE (ASPERGILLUS ORYZAE)	H. SWIFT ET AL.	3/91 H	R1NN25F	*NEURAMINIDASE N2 (A/TOKYO/3/67)	J. VARGHESE, P. COLMAN	3/91 SH
2TEC	THERMITASE/EGLN-C COMPLEX (5MM CACL2)	GROS, BETZEL, DAUTER	10/90 P	R1NN95F	*NEURAMINIDASE N9	P. COLMAN ET AL.	3/91 SH
3TEC	THERMITASE/EGLN-C COMPLEX (100M CACL2)	P. GROS, W. HOL	10/90 P	R2NN95F	*NEURAMINIDASE N9 MUTANT (S370L)	P. COLMAN ET AL.	3/91 SH
2TRX	THIOREDOXIN (ESCHERICHIA COLI)	KATTI, LEMASTER, EKUND	3/90 P	R3NN95F	*NEURAMINIDASE N9 MUTANT (N329D)	P. COLMAN ET AL.	3/91 SH
3TRX	THIOREDOXIN (HUMAN, NMR, MIN AVERAGED)	FORMAN-KAY, CLORE, GRONENBORN1/2/90 P		R4NN95F	*NEURAMINIDASE N9 MUTANT (I368R)	P. COLMAN ET AL.	3/91 SH
4TRX	THIOREDOXIN (HUMAN, NMR, 33 STRUCTURES)	FORMAN-KAY, CLORE, GRONENBORN1/2/90 P		R5NN95F	*NEURAMINIDASE N9 MUTANT (A369D)	P. COLMAN ET AL.	3/91 SH
1TMS	THYMIDYLATE SYNTHETASE (E. COLI)	J. FINER-MOORE	4/90 H	R6NN95F	*NEURAMINIDASE N9 MUTANT (K432N)	P. COLMAN ET AL.	3/91 SH
2TMS	THYMIDYLATE SYNTHETASE (L. CASEI)	J. FINER-MOORE, R. STROUD	10/90 P	R6P215F	C-H-RAS P21 PROTEIN	S.-H. KIM	5/90 SH
1TSC	THYMIDYLATE SYNTHETASE COMPLEX (E. COLI)	J. FINER-MOORE	4/90 H	R7P215F	C-H-RAS P21 PROTEIN MUTANT (G12V)	S.-H. KIM	5/90 SH
1TPT	THYMIDINE PHOSPHORYLASE/THYMINE/504	A. SIELECKI ET AL.	6/90 AP	R8P215F	C-H-RAS P21 PROTEIN/GDP-CP	S.-H. KIM	5/90 SH
5TRA	THYMIDINE RNA (YEAST, SER)	E. DOCK-BREGEON	2/90 P	R1PE65F	*PAPAIN/E-64-C	D. YAMANOTO ET AL.	5/91 S
1TFD	TRANSFERRIN (N-TERMINAL HALF-MOLECULE)	R. SARRA, P. LINDLEY	8/90 P	R4P225F	PHOSPHOLIPASE A2 (BOVINE)	DUPONT PROTEIN CRYSTALL	1/91 S
1TGF	TRANSFORMING GROWTH FACTOR ALPHA (NMR, 3)	T. KLINE ET AL.	4/90 P	R4P25F	PHOSPHOLIPASE A2 (PORCINE)	DUPONT PROTEIN CRYSTALL	1/90 S
2ZGF	TRANSFORMING GROWTH FACTOR (NMR, AVERAGE)	L. CAMPBELL ET AL.	1/91 P	R1PCY5F	PLASTOCYANIN (STREPTOMYCES AUREOFACIENS, C02+)	COLLYER, GUSS, FRESHMAN	9/89 S
2TGF	TRANSFORMING GROWTH FACTOR (NMR, 4 STRCTS)	L. CAMPBELL ET AL.	1/91 P	R2PKK5F	PROTEINASE K (TRITIRACHUM ALBUM LIMBER)	BETZEL, PAL, SAENGER	11/87 SH
3TGL	TRIACYLGLYCEROL LIPASE / INHIBITOR	VANDIEREN, DEREWENDA ET AL.	11/90 H	R1PNS5F	PURINE NUCLEOSIDE PHOSPHORYLASE (HUMAN)	S. EALICK ET AL.	11/89 SH
2TIM	TRIOSE PHOSPHATE ISOMERASE (TRYPANOSOMA)	R. WIERENGA, M. HOL ET AL.	5/90 P	R5RLX5F	*RELAXIN (HUMAN)	C. EIGENBROT ET AL.	2/91 SH
3TIM	TRIOSE PHOSPHATE ISOMERASE (SULFATE-FREE)	WIERENGA, NOBLE, HOL ET AL.	5/90 H	R1SAR5F	RIBONUCLEASE SA (STREP. AUREOFACIENS)	SEVCIK, DODSON, DODSON	1/91 S
4TIM	*TIM (TRYPANOSOMA) / 2-PHOSPHOGLYCERATE	NOBLE, WIERENGA, HOL ET AL.	4/91 P	R2SAR5F	RIBONUCLEASE SA (STREP. AUREOFACIENS) / GMP	SEVCIK, DODSON, DODSON	1/91 S
5TIM	*TIM (TRYPANOSOMA) / SULFATE	R. WIERENGA, M. HOL ET AL.	4/91 RP	R3SAR5F	*RIBONUCLEASE T1/GUANOSINE-3', 5'-BISPHOSPHATE	HEINEMANN, LENZ	4/91 S
6TIM	*TIM (TRYPANOSOMA) / GLYCEROL-3-PHOSPHATE	NOBLE, WIERENGA, HOL ET AL.	4/91 P	R7RKN5F	RUBREDOXIN (DESULFOVIBRIO VULGARIS)	ADMAN, SIEKER, JENSEN	5/90 S
3YPI	TIM (YEAST) MUTANT (H95Q) / PGH	E. LOLL, S. PETSKO	1/91 P	R1NNM5F	STAPH NUCLEASE MUTANT (E43D)	F. LOLL, E. LATTMAN	2/90 S
1TAB	TRYPSIN/BOWMAN-BIRK INHIBITOR AB-I	Y. TSUNOGAIE ET AL.	10/90 P	R2NMF5F	*STAPH NUCLEASE MUTANT (V66K)	E. LATTMAN ET AL.	4/91 S
3CTI	*TRYPSIN INHIBITOR (SQUASH) (NMR, 6 STRCTS) / T. HOLAK, M. NILGESS ET AL.		3/91 P	R3SDO5F	SUPEROXIDE DISMUTASE (BOVINE)	J. TAINER ET AL.	6/90 SH
9PTI	*TRYPSIN INHIBITOR (BOMMET, MET 52 OXIDIZED)	EIGENBROT, RANDAL, KOSSIAKFF	4/91 P	R4TAF5F	*TAKA-AMYLASE (ASPERGILLUS ORYZAE)	H. SWIFT ET AL.	2/91 SH
1PTI	TRYPSIN INHIBITOR BBTI II (NMR)	B. CASTRO ET AL.	1/90 N	R1TRC5F	TRC FRAGMENT OF CALMODULIN	L. SJOLIN ET AL.	1/90 S
1CTI	TRYPSIN INHIBITOR (NMR, MIN AVRGD STRUCT)	T. HOLAK ET AL.	8/90 P	R9PT5F	*TRYPSIN INHIBITOR (BOMMET, MET 52 OXIDIZED)	C. EIGENBROT ET AL.	4/91 S
2CTI	TRYPSIN INHIBITOR (NMR, 5 STRUCTURES)	T. HOLAK ET AL.	8/90 P	R6K1A5F	XILOSE ISOMERASE (STREPTOMYCES ALBUS)	DAUTER, TERRY, WILSON	9/90 S
3CTI	*TRYPSIN INHIBITOR (NMR, 6 STRUCTURES)	T. HOLAK ET AL.	3/91 P	R1RIA5F	RHINOVIRUS 1A	M. ROSSMANN ET AL.	12/88 S
1TIE	*TRYPSIN INHIBITOR (ERYTHRINA CAFFRA)	S. ONESTI, P. BRICK, D. BLOW	2/91 P	R1RMU5F	RHINOVIRUS MUTANT ((1)C199Y)	M. ROSSMANN ET AL.	10/88 S
1PI2	*BOWMAN-BIRK TRYPSIN INHIBITOR PI-2	F. CHEN, J. ROSE, B. C. WANG	3/91 P	R2RMU5F	RHINOVIRUS MUTANT ((1)V188L)	M. ROSSMANN ET AL.	10/88 S
1TRC	TRC FRAGMENT OF CALMODULIN	L. SJOLIN ET AL.	1/90 N	R2RR15F	RHINOVIRUS/ANTIVIRAL AGENT 1R COMPLEX	M. ROSSMANN ET AL.	10/88 S
1VSG	VARIANT SURFACE GLYCOPROTEIN (N-TERM DMN)	D. FRESHMAN, J. DOWN, D. WILEY	10/90 P	R2R15F	RHINOVIRUS/ANTIVIRAL AGENT 1S COMPLEX	M. ROSSMANN ET AL.	10/88 S
6XIA	X-YLOSE ISOMERASE (STREPTOMYCES ALBUS)	Z. DAUTER, H. ZERRY, K. WILSON	9/90 P	R2RM25F	RHINOVIRUS/ANTIVIRAL AGENT 2 COMPLEX	M. ROSSMANN ET AL.	10/88 S
7XIA	D-X-YLOSE ISOMERASE (S. RUBIGINOSUS)	L. CARRELL ET AL.	10/90 RP	R2R035F	RHINOVIRUS/ANTIVIRAL AGENT 3S COMPLEX	M. ROSSMANN ET AL.	10/88 S
8XIA	D-X-YLOSE ISOMERASE (S. RUBIGINOSUS) / D-X-YLOSE	L. CARRELL ET AL.	10/90 P	R2R045F	RHINOVIRUS/ANTIVIRAL AGENT 3S COMPLEX	M. ROSSMANN ET AL.	10/88 S
9XIA	D-X-YLOSE ISOMERASE (S. RUBIGINOSUS) / INHIB B. CARRELL ET AL.		10/90 P	R2R555F	RHINOVIRUS/ANTIVIRAL AGENT 5S COMPLEX	M. ROSSMANN ET AL.	10/88 S
1X1S	*D-X-YLOSE ISOMERASE (S. RUBIGINOSUS) / NMC2	M. WHITLOW, A. HOWARD	3/91 H	R2R065F	RHINOVIRUS/ANTIVIRAL AGENT 6 COMPLEX	M. ROSSMANN ET AL.	10/88 S
2X1S	*D-X-YLOSE ISOMERASE (S. RUB.) / XYLITOL	M. WHITLOW, A. HOWARD	3/91 H	R2R075F	RHINOVIRUS/ANTIVIRAL AGENT 7 COMPLEX	M. ROSSMANN ET AL.	10/88 S
3X1S	*D-X-YLOSE ISOMERASE (S. RUB.) / X-YLOSE	M. WHITLOW, A. HOWARD	3/91 H	R1R085F	RHINOVIRUS/ANTIVIRAL AGENT 8 COMPLEX	M. ROSSMANN ET AL.	10/88 S
4X1S	*D-X-YLOSE ISOMERASE (S. RUB.) / X-YLOSE / NMC2	M. WHITLOW, A. HOWARD	3/91 H				
1DPV	PARVOVIRUS (CANINE)	M. ROSSMANN ET AL.	11/90 P	R1ACP8R	ACYL CARRIER PROTEIN (NMR)	V. PRESTEGARD, Y. KIM	7/90 M
1R09	RHINOVIRUS 14/R61837	H. ROSSMANN ET AL.	5/90 P	R1APS8R	*ACYLPHOSPHATASE (NMR)	J. SAUDEK ET AL.	2/91 M
12NF	ZINC FINGER (NMR)	P. WRIGHT	9/89 P	R1CSA8R	COMPLEMENT C5A (DES-ARG) (NMR)	M. WILLIAMSON, V. MADISON	6/90 M
22NF	ZINC FINGER (NMR, 16 STRUCTURES)	SUMMERS, SOUTH, KIM, HARE	3/90 P	R1CHC8R	16TH COMPLEMENT CONTROL PROTEIN (NMR)	NORMAN, BARLOW, CAMPBELL1/90 M	
32NF	ZINC FINGER (NMR, MINIMUM AVERAGED)	G. CLORE, A. GRONENBORN	7/90 P	R1D188R	DNA (CATCATG) (NMR)	J. BALEJA, B. SYKES	8/90 M
42NF	ZINC FINGER (NMR, 40 STRUCTURES)	C. CLORE, A. GRONENBORN	7/90 P	R1D198R	DNA (GTACGTAC) (NMR)	J. BALEJA, B. SYKES	8/90 M
52NA	DNA (C, CGCCGGCCGGCCGGCC) MODEL	A. ANSEVIN, A. WANG	2/91 P	R1D208R	DNA (TCTATCACC) (NMR)	J. BALEJA, B. SYKES	8/90 M
1FLX	FELIX (DESIGNED PROTEIN) MODEL 1	QUINN, RICHARDSON, RICHARDSON	7/90 P	R2CF18R	INSULIN-LIKE GROWTH FACTOR 1 (NMR)	COOKE, HARVEY, CAMPBELL	1/91 M
2FLX	FELIX (DESIGNED PROTEIN) MODEL 2	QUINN, RICHARDSON, RICHARDSON	7/90 P	R1E118R	INTERLEUKIN 1B (HUMAN) (NMR)	CLORE, GRONENBORN ET AL	1/91 M
1DHL	DELTA HEMOLYSIN (STAPH. AUREUS) MODELS	G. RAGHUNATHAN, H. R. GUY	7/90 P	R1ZTAPR	LEUCINE ZIPPER (GCM TAP) (NMR)	A. PASTORE ET AL.	10/90 M
1PHV	*HIV-1 PROTEASE/ACETYL PEPSTATIN	A. GUSTCHINA, I. WEBER	2/91 P	R1SH18R	ERABUTOXIN I (NMR)	R. FOGH, R. NORTON	5/90 M
2PHV	*HIV-1 PROTEASE/RENIN INHIBITOR H261	A. GUSTCHINA, I. WEBER	2/91 P	R9PCY8R	*PLASTOCYANIN (FRENCH BEAN) (NMR, 16 STRCTS)	P. WRIGHT ET AL.	3/91 M
2IGE	IMMUNOGLOBULIN E (FC FRAGMENT) MODEL	E. PADLAN, B. WEST	10/90 P	R3TK08R	THIOREDOXIN (HUMAN, NMR)	CLORE, GRONENBORN ET AL	11/2/90 M
1IPT	*IMRN (CORE OF GROUP I INTRONS) MODEL	F. MICHEL, E. HEMTHOF	5/91 P	R2ZFM8R	TRANSFORMING GROWTH FACTOR (NMR)	I. CAMPBELL ET AL.	3/91 M
1MCA	*MCP-1 (HUMAN) MODEL	A. GRONENBORN, M. CLORE	4/91 P	R3CT18R	*TRYPSIN INHIBITOR (SQUASH) (NMR, 6 STRCTS)	T. HOLAK, M. NILGESS ET AL	3/91 M
1PAI	PROTEIN C INHIBITOR (2 MODELS)	L. KUHN, C. FISHER, J. TAINER	7/90 P	R1ETM8R	TRYPSIN INHIBITOR BBTI II (NMR)	B. CASTRO ET AL.	1/90 M
1SDG	SORBITOL DEHYDROGENASE MODEL	H. EKUND ET AL.	8/90 P	R1ZFM8R	ZINC FINGER (NMR)	P. WRIGHT	9/89 M
R2AA5F	*ACID ALPHA-AMYLASE (ASPERGILLUS NIGER)	G. DODSON ET AL.	3/91 SH	R3ZFM8R	ZINC FINGER (NMR)	G. CLORE, A. GRONENBORN	7/90 M
R1AL15F</							

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