

<b>PDB Code</b>	<b>Description from PDB file</b>
<b>1A9N</b>	U2 B <sup>1</sup> /A <sup>1</sup> /RNA TERNARY COMPLEX
<b>1B23</b>	E. COLI CYSTEINYL-TRNA AND T. AQUATICUS ELONGATION FACTOR EF-TU:GTP TERNARY COMPLEX
<b>1B7F</b>	SXL-LETHAL PROTEIN/RNA COMPLEX
<b>1BR3</b>	CRYSTAL STRUCTURE OF AN 82-NUCLEOTIDE RNA-DNA COMPLEX FORMED BY THE 10-23 DNA ENZYME
<b>1C9S</b>	CRYSTAL STRUCTURE OF A COMPLEX OF TRP RNA-BINDING ATTENUATION PROTEIN WITH A 53-BASE SINGLE STRANDED RNA CONTAINING ELEVEN GAG TRIPLETS SEPARATED BY AU DINUCLEOTIDES
<b>1CSL</b>	CRYSTAL STRUCTURE OF THE RRE HIGH AFFINITY SITE
<b>1CVJ</b>	X-RAY CRYSTAL STRUCTURE OF THE POLY(A)-BINDING PROTEIN IN COMPLEX WITH POLYADENYLATE RNA
<b>1CX0</b>	HEPATITIS DELTA VIRUS RIBOZYME
<b>1DDL</b>	DESMODIUM YELLOW MOTTLE TYMOVIRUS
<b>1DUH</b>	CRYSTAL STRUCTURE OF THE CONSERVED DOMAIN IV OF E. COLI 4.5S RNA
<b>1E7K</b>	CRYSTAL STRUCTURE OF THE SPLICEOSOMAL 15.5KD PROTEIN BOUND TO A U4 SNRNA FRAGMENT
<b>1EC6</b>	CRYSTAL STRUCTURE OF NOVA-2 KH3 K-HOMOLOGY RNA-BINDING DOMAIN BOUND TO 20-MER RNA HAIRPIN
<b>1EHZ</b>	THE CRYSTAL STRUCTURE OF YEAST PHENYLALANINE TRNA AT 1.93 A RESOLUTION
<b>1ET4</b>	CRYSTAL STRUCTURE OF A VITAMIN B12 BINDING RNA APTAMER WITH LIGAND AT 2.3 A
<b>1F1T</b>	CRYSTAL STRUCTURE OF THE MALACHITE GREEN APTAMER COMPLEXED WITH TETRAMETHYL-ROSAMINE
<b>1F27</b>	CRYSTAL STRUCTURE OF A BIOTIN-BINDING RNA PSEUDOKNOT
<b>1F7U</b>	CRYSTAL STRUCTURE OF THE ARGINYL-TRNA SYNTHETASE COMPLEXED WITH THE TRNA(ARG) AND L-ARG
<b>1F7Y</b>	THE CRYSTAL STRUCTURE OF TWO UUCG LOOPS HIGHLIGHTS THE ROLE PLAYED BY 2'-HYDROXYL GROUPS IN ITS UNUSUAL STABILITY
<b>1F8V</b>	THE STRUCTURE OF PARIACOTO VIRUS REVEALS A DODECAHEDRAL CAGE OF DUPLEX RNA
<b>1FFY</b>	INSIGHTS INTO EDITING FROM AN ILE-TRNA SYNTHETASE STRUCTURE WITH TRNA(ILE) AND MUPIROCIN
<b>1H3E</b>	TYROSYL-TRNA SYNTHETASE FROM THERMUS THERMOPHILUS COMPLEXED WITH WILD-TYPE TRNATYR(GUA) AND WITH ATP AND TYROSINOL
<b>1H4S</b>	PROLYL-TRNA SYNTHETASE FROM THERMUS THERMOPHILUS COMPLEXED WITH TRNAPRO(CGG) AND A PROLYL-ADENYLATE ANALOGUE
<b>1HMH</b>	HAMMERHEAD RNA/DNA/COMPLEX
<b>1HR2</b>	CRYSTAL STRUCTURE ANALYSIS OF A MUTANT P4-P6 DOMAIN (DEL209) OF TETRAHYMENA THEMOPHILA GROUP I INTRON.
<b>1I6U</b>	RNA-PROTEIN INTERACTIONS: THE CRYSTAL STRUCTURE OF RIBOSOMAL PROTEIN S8/RRNA COMPLEX FROM METHANOCOCCUS JANNASCHII
<b>1IVS</b>	CRYSTAL STRUCTURE OF THERMUS THERMOPHILUS VALYL-TRNA SYNTHETASE COMPLEXED WITH TRNA(VAL) AND VALYL-ADENYLATE ANALOGUE
<b>1JBR</b>	CRYSTAL STRUCTURE OF THE RIBOTOXIN RESTRICTOCIN AND A 31-MER SRD RNA INHIBITOR
<b>1K8W</b>	CRYSTAL STRUCTURE OF THE E. COLI PSEUDOURIDINE SYNTHASE

TRUB BOUND TO A T STEM-LOOP RNA

**1KH6** CRYSTAL STRUCTURE OF AN RNA TERTIARY DOMAIN ESSENTIAL TO HCV IRES-MEDIATED TRANSLATION INITIATION.

**1KQ2** CRYSTAL STRUCTURE OF AN HFQ-RNA COMPLEX

**1KXK** CRYSTAL STRUCTURE OF A RNA MOLECULE CONTAINING DOMAIN 5 AND 6 OF THE YEAST A15G GROUP II SELF-SPLICING INTRON

**1L2X** ATOMIC RESOLUTION CRYSTAL STRUCTURE OF A VIRAL RNA PSEUDOKNOT

**1L9A** CRYSTAL STRUCTURE OF SRP19 IN COMPLEX WITH THE S DOMAIN OF SIGNAL RECOGNITION PARTICLE RNA

**1LNG** CRYSTAL STRUCTURE OF THE SRP19-7S.S SRP RNA COMPLEX OF M. JANNASCHII

**1M5K** CRYSTAL STRUCTURE OF A HAIRPIN RIBOZYME IN THE CATALYTICALLY-ACTIVE CONFORMATION

**1M8V** STRUCTURE OF PYROCOCCLUS ABYSSII SM PROTEIN IN COMPLEX WITH A URIDINE HEPTAMER

**1M8X** CRYSTAL STRUCTURE OF THE PUMILIO-HOMOLOGY DOMAIN FROM HUMAN PUMILIO1 IN COMPLEX WITH NRE1-14 RNA

**1MZP** STRUCTURE OF THE L1 PROTUBERANCE IN THE RIBOSOME

**1N78** CRYSTAL STRUCTURE OF THERMUS THERMOPHILUS GLUTAMYL-TRNA SYNTHETASE COMPLEXED WITH TRNA(GLU) AND GLUTAMOL-AMP.

**1NTB** 2.9 Å CRYSTAL STRUCTURE OF STREPTOMYCIN RNA-APTAMER COMPLEX

**1OOA** CRYSTAL STRUCTURE OF NF-KB(P50)<sub>2</sub> COMPLEXED TO A HIGH-AFFINITY RNA APTAMER

**1Q2R** CHEMICAL TRAPPING AND CRYSTAL STRUCTURE OF A CATALYTIC TRNA GUANINE TRANSGLYCOSYLASE COVALENT INTERMEDIATE

**1QF6** STRUCTURE OF E. COLI THREONYL-TRNA SYNTHETASE COMPLEXED WITH ITS COGNATE TRNA

**1QTQ** GLUTAMINYL-TRNA SYNTHETASE COMPLEXED WITH TRNA AND AN AMINO ACID ANALOG

**1R3E** CRYSTAL STRUCTURE OF TRNA PSEUDOURIDINE SYNTHASE TRUB AND ITS RNA COMPLEX: RNA-PROTEIN RECOGNITION THROUGH A COMBINATION OF RIGID DOCKING AND INDUCED FIT

**1R3O** CRYSTAL STRUCTURE OF THE FIRST RNA DUPLEX IN L-CONFORMATION AT 1.9Å RESOLUTION

**1RLG** MOLECULAR BASIS OF BOX C/D RNA-PROTEIN INTERACTION: CO-CRYSTAL STRUCTURE OF THE ARCHAEL SRNP INITIATION COMPLEX

**1S03** THE STRUCTURE OF A RIBOSOMAL PROTEIN S8/SPC OPERON MRNA COMPLEX

**1S72** REFINED CRYSTAL STRUCTURE OF THE HALOARCUA MARISMORTUI LARGE RIBOSOMAL SUBUNIT AT 2.4 ÅNGSTROM RESOLUTION

**1SDS** STRUCTURE OF PROTEIN L7AE BOUND TO A K-TURN DERIVED FROM AN ARCHAEL BOX H/ACA SRNA

**1U8D** GUANINE RIBOSWITCH BOUND TO HYPOXANTHINE

**1U9S** CRYSTAL STRUCTURE OF THE SPECIFICITY DOMAIN OF RIBONUCLEASE P OF THE A-TYPE

**1VFG** CRYSTAL STRUCTURE OF TRNA NUCLEOTIDYLTRANSFERASE COMPLEXED WITH A PRIMER TRNA AND AN INCOMING ATP ANALOG

**1WPU** CRYSTAL STRUCTURE OF THE HUTP ANTITERMINATION COMPLEX BOUND TO A SINGLE STRANDED REGION OF HUT MRNA

**1XJR** THE STRUCTURE OF A RIGOROUSLY CONSERVED RNA ELEMENT WITHIN THE SARS VIRUS GENOME

<b>1XMQ</b>	CRYSTAL STRUCTURE OF T6A37-ASLLYSUUU AAA-MRNA BOUND TO THE DECODING CENTER
<b>1XOK</b>	CRYSTAL STRUCTURE OF ALFALFA MOSAIC VIRUS RNA 3'UTR IN COMPLEX WITH COAT PROTEIN N TERMINAL PEPTIDE
<b>1Y3S</b>	HIV-1 DIS RNA SUBTYPE F- MPD FORM
<b>1YFG</b>	YEAST INITIATOR TRNA
<b>1YLS</b>	CRYSTAL STRUCTURE OF SELENIUM-MODIFIED DIELS-ALDER RIBOZYME COMPLEXED WITH THE PRODUCT OF THE REACTION BETWEEN N-PENTYLMALEIMIDE AND COVALENTLY ATTACHED 9-HYDROXYMETHYLANTHRACENE
<b>1Z43</b>	CRYSTAL STRUCTURE OF 7S.S SRP RNA OF M. JANNASCHII
<b>2A43</b>	CRYSTAL STRUCTURE OF A LUTEOVIRAL RNA PSEUDOKNOT AND MODEL FOR A MINIMAL RIBOSOMAL FRAMESHIFTING MOTIF
<b>2A8V</b>	RHO TRANSCRIPTION TERMINATION FACTOR/RNA COMPLEX
<b>2ATW</b>	STRUCTURE OF A MYCOBACTERIUM TUBERCULOSIS NUSA-RNA COMPLEX
<b>2BH2</b>	CRYSTAL STRUCTURE OF E. COLI 5-METHYLURIDINE METHYLTRANSFERASE RUMA IN COMPLEX WITH RIBOSOMAL RNA SUBSTRATE AND S-ADENOSYLHOMOCYSTEINE.
<b>2BTE</b>	THERMUS THERMOPHILUS LEUCYL-TRNA SYNTHETASE COMPLEXED WITH WITH A TRNALEU TRANSCRIPT IN THE POST-EDITING CONFORMATION AND A POST-TRANSFER EDITING SUBSTRATE ANALOGUE
<b>2BU1</b>	MS2-RNA HAIRPIN (5BRU-5) COMPLEX
<b>2BX2</b>	CATALYTIC DOMAIN OF E. COLI RNASE E
<b>2CSX</b>	CRYSTAL STRUCTURE OF AQUIFEX AEOLICUS METHIONYL-TRNA SYNTHETASE COMPLEXED WITH TRNA(MET)
<b>2FMT</b>	METHIONYL-TRNAFMET FORMYLTRANSFERASE COMPLEXED WITH FORMYL-METHIONYL-TRNAFMET
<b>361D</b>	CRYSTAL STRUCTURE OF DOMAIN E OF THERMUS FLAVUS 5S RRNA: A HELICAL RNA-STRUCTURE INCLUDING A TETRALOOP
<b>397D</b>	A 1.3 Å RESOLUTION CRYSTAL STRUCTURE OF THE HIV-1 TRANS-ACTIVATION RESPONSE REGION RNA STEM REVEALS A METAL ION-DEPENDENT BULGE CONFORMATION
<b>7MSF</b>	F7 APTAMER MS2 COAT PROTEIN COMPLEX

**Supplementary Table 1:** The PDB files used for the cluster analysis. Redundant structures and chains were eliminated with the aid of the automated tool described in Wadley & Pyle, 2004.