

Table 1. PDB Entries used for the PRID

PDB	Complex	Organism	Res (Å)	RNA residues	Protein ¹ residues	Protein motifs	RNA motifs	Reference
1FJF	30S ribosome	<i>T. thermophilus</i>	3.05	1528	2540	ribosomal	rRNA	(Wimberly <i>et al.</i> , 2000)
1A1T	nucleocapsid	HIV-1	NMR	20	55	Zn-knuckle	stem-loop	(De Guzman <i>et al.</i> , 1998)
1A34	nucleocapsid	STMV	1.8	20	159	β	duplex	(Larson <i>et al.</i> , 1998)
1A4T	peptide-RNA	P22	NMR	15	19	arg-rich	stem-loop	(Cai <i>et al.</i> , 1998)
1A9N	spliceosomal U2B"-U2A'	<i>H. sapiens</i>	2.38	24	272	rrm	stem-loop	(Price <i>et al.</i> , 1998)
1ASY	asp-tRNA synthetase	<i>S. cerevisiae</i>	3.00	75	490	classIIaaRS	tRNA	(Ruff <i>et al.</i> , 1991)
1AV6	VP39-cap recognition	Vaccinia	2.70	7	239	α/β	5' mRNA cap	(Hodel <i>et al.</i> , 1998)
1B23	EF-Tu-tRNA	<i>T. aquaticus</i>	2.60	74	405	P-loop	tRNA	(Nissen <i>et al.</i> , 1999)
1C0A	asp-tRNA synthetase	<i>E. coli</i>	2.40	77	585	classIIaaRS	tRNA	(Eiler <i>et al.</i> , 1999)
1CVJ	poly-A binding protein	<i>H. sapiens</i>	2.60	11	190	rrm	poly-A	(Deo <i>et al.</i> , 1999)
1EKZ	maternal effect protein	<i>D. melanogaster</i>	NMR	30	76	mix α+β	stem-loop	(Ramos <i>et al.</i> , 2000)
1G2E	HUD	<i>H. sapiens</i>	1.80	10	167	rrm	AU-rich	(Wang & Hall, 2001)
1URN	U1A	<i>H. sapiens</i>	1.92	21	97	rrm	stem-loop	(Oubridge <i>et al.</i> , 1994)
2UP1	UP1-telomere	<i>H. sapiens</i>	2.10	11	183	rrm	telomere DNA	(Ding <i>et al.</i> , 1999)
1EIY	phe-tRNA synthetase	<i>T. thermophilus</i>	3.30	76	1135	classIIaaRS	tRNA	(Goldgur <i>et al.</i> , 1997)
1GAX	val-tRNA synthetase	<i>T. thermophilus</i>	2.90	75	865	classIaaRS	tRNA	(Fukai <i>et al.</i> , 2000)
1CK5	L30-mRNA	<i>S. cerevisiae</i>	NMR	33	104	α+β	helix-loop-helix	(Mao <i>et al.</i> , 1999)
1A1V	NS3 helicase	Hepatitis C	2.20	8	476	P-loop	ssRNA	(Kim <i>et al.</i> , 1998)
1B7F	Sex-lethal	<i>D. melanogaster</i>	2.60	12	168	rrm	ssRNA	(Handa <i>et al.</i> , 1999)
1C9S	TRAP	<i>B. stearo.</i>	1.90	55	74	β	ssRNA	(Antson <i>et al.</i> , 1999)
1D6K	L25-rRNA	<i>E. coli</i>	NMR	37	94	β	rRNA	(Stoldt <i>et al.</i> , 1999)

1DI2	protein A dsRBD	<i>X. laevis</i>	1.90	10	69	$\alpha+\beta$	dsRNA	(Ryter & Schultz, 1998)
1DK1	S15-rRNA	<i>T. thermophilus</i>	2.80	57	86	α	rRNA	(Nikulin <i>et al.</i> , 2000)
1DUL	SRP-4.5S RNA	<i>E. coli</i>	1.90	49	69	α	4.5 S RNA	(Batey <i>et al.</i> , 2000)
1EC6	Nova KH	<i>H. sapiens</i>	2.40	20	87	KH-domain	stem-loop	(Lewis <i>et al.</i> , 2000)
1ETG	Rev-RRE	HIV Type I	NMR	34	23	arg-rich	stem-loop	(Battiste <i>et al.</i> , 1996)
1E7K	spliceosomal 15.5kd	<i>H. sapiens</i>	2.90	22	128	$\alpha+\beta$	stem-loop	(Vidovic <i>et al.</i> , 2000)
1EXD	gln-tRNA synthetase	<i>E. coli</i>	2.70	73	548	classIaaRS	tRNA	(Bullock <i>et al.</i> , 2000)
1EXY	Htlv-1 Rex	HTLV-1	NMR	33	16	arg-rich	RNA aptamer	(Jiang <i>et al.</i> , 1999)
1F6U	nucleocapsid/psi site	HIV-1	NMR	19	56	Zn-knuckle	stem-loop	(Amarasinghe <i>et al.</i> , 2000)
1MNB	Tat-TAR	BIV	NMR	28	14	arg-rich	stem-loop	(Puglisi <i>et al.</i> , 1995)
1QF6	thr-tRNA synthetase	<i>E. coli</i>	2.90	76	642	classIIaaRS	tRNA	(Sankaranarayanan <i>et al.</i> , 1999)
1QFQ	N-Protein Nutboxb	<i>E. coli</i>	NMR	15	35	arg-rich	loop	to be published
1SER	ser-tRNA synthetase	<i>T. thermophilus</i>	2.90	94	421	classIIaaRS	tRNA	(Biou <i>et al.</i> , 1994)
1TTT	EF-Tu-tRNA	<i>S. cerevisiae</i>	2.70	77	405	α/β	tRNA	(Nissen <i>et al.</i> , 2000)
1ULL	Rev-RRE	HIV Type I	NMR	35	17	arg-rich	stem-loop	(Ye <i>et al.</i> , 1996)
2A8V	Rho-ssRNA	<i>E. coli</i>	2.40	3	118	OB-fold	ssRNA	(Bogden <i>et al.</i> , 1999)
2BBV	nucleocapsid	nodavirus	2.80	10	363	β	ssRNA	(Wery <i>et al.</i> , 1994)
2FMT	tRNA transformylase	<i>E. coli</i>	2.80	78	314	α/β	tRNA	(Schmitt <i>et al.</i> , 1998)
484D	TAT-aptamer	HIV-1	NMR	27	17	arg-rich	RNA aptamer	(Ye <i>et al.</i> , 1999)
1E7X	MS2 coat protein	MS2	2.38	19	129	$\alpha+\beta$	stem-loop	to be published
1QU2	ile-tRNA synthetase	<i>E. coli</i>	2.20	75	917	classIaaRS	tRNA	(Silvian <i>et al.</i> , 1999)
1MMS	L11	<i>T. maritima</i>	2.57	58	140	ribosomal	rRNA	(Wimberly <i>et al.</i> , 1999)
1E8O	SRP9/14	<i>H. sapiens</i>	3.20	50	191	Alu-domain	Alu-RNA	(Weichenrieder <i>et al.</i> , 2000)
1DFU	L25	<i>E. coli</i>	1.80	19	94	β	rRNA	(Lu & Steitz, 1999)

¹ For NMR structures one model was selected from the ensemble. NMR structures were evaluated on the basis of the r.m.s.d.