Organism	PDB code(s)	Date	resol'n	R_{free}	# atoms	info	Reference
H. marismortui	1FFK	07/25/2000	2.4	26.1	64,268	CA only	Ban *et al.* (2000)
H. marismortui	1JJ2	07/03/2001	2.4	22.2	90,418	full	Klein *et al.* (2001)
T. thermophilus	1GIY	03/30/2001	5.5	—	5,747	P, CA only	Yusupov *et al.* (2001)
D. radiodurans	1NKW	01/05/2003	3.1	27.4	65,300	CA only	Harms *et al.* (2001)
H. marismortui	1S72	01/28/2004	2.4	22.2	90,985	extra	Klein *et al.* (2004)
T. thermophilus	1YL3	01/19/2005	5.5	35.6	92,097	full	Jenner *et al.* (2005)
E. coli	2AW4,2AWB	08/31/2005	3.5	33.1	89,690	full	Schuwirth *et al.* (2005)
T. thermophilus	2J01,2J03	07/31/2006	2.8	31.3	89,408	full	Selmer *et al.* (2006)
T. thermophilus	1VS9	08/14/2006	3.7	34.7	91,299	full	Korostelev *et al.* (2006)

Table C.1: All 50S subunit structures available and their characteristics. Date is the date the coordinates were deposited in the PDB. The number of atoms (# atoms) refers to the number of RNA and protein atoms. Solvent atoms are not included. For the completeness column: "CA only" means that there is no side chain information for proteins and only alpha-carbon coordinates. "P, CA only" means there are only phosphorus and alpha-carbon coordinates in the file. "full" means that all side chain information is included. "extra" means the file contains all atom information and also base modifications.