Table 1. Base Pair Conformations Present in the rRNAs in the *T. thermophilus* 30 S and *H. marismortui* 50 S Crystal Structures[†]

	bpC	C:G	U:A	U:G	G:A	C:A	U:C	A:A	C:C	G:G	U:U	Total
BP	WC	869	252	1	21	2	8	—	—	#	—	1153
	Wb	1	1	124(3)	—	3(2)	—	6	9	3	16	168
	sWC	—	4(2)	#	#	#	2	#	#	#	#	8
	sWb	#	#	(1)	#	3(1)	#	#	3	—	1	9
	rWC	4	11	—	—	—	1	#	—	#	—	16
	rWb	—	—	2	—	3	—	5	—	—	5	15
	H	1	8	1	3 (2)	(1)	—	—	—	2	—	18
	rH	—	58(1)	—	1	13(1)	(1)	9	1	3	—	88
	S	—	7(2)	1(7)	143	8 (3)	5	10	4	4	—	194
	rS	3	4	2	7	2	1	19	#	2	—	40
	fS	1(1)	(2)	6	5	1(1)	—	1	—	—	—	18
	pfS	4	(2)	1(1)	1	—	—	—	—	1	—	10
	pS	—	1	1(1)	1	2	—	1	—	—	—	7
	rpS	—	—	—	1	#	—	#	#	—	—	1
	Total	884	355	152	185	46	18	51	17	15	22	1745
TQ	WC	3	4	—	1	—	2	—	—	#	—	10
	Wb	—	—	—	—	1	—	1	—	1	1	4
	sWC	(1)	—	#	#	#	—	#	#	#	#	1
	sWb	#	#	—	#	—	#	#	—	—	—	0
	rWC	—	1	—	—	—	—	#	—	#	—	1
	rWb	—	—	1	—	—	—	9	—	—	—	10
	H	—	4	2	—	1	—	—	2	6	1	16
	rH	2(5)	5	(1)	3	8(3)	—	2	—	1	3	33
	S	—	3	(1)	5	11	1	2	1	7	—	31
	rS	2(1)	1	—	56	1	3	2	#	4	—	70
	fS	(1)	1(1)	(6)	18	—	(1)	—	—	—	1	29
	pfS	1(1)	1(2)	3(2)	9	3(5)	1(1)	—	4	1	—	34
	pS	1(1)	4	1(16)	3	(2)	5	2	1	2	1	39
	rpS	1(2)	—	4(2)	19	#	—	#	#	3	—	31
	Total	22	27	39	114	35	14	18	8	25	7	309

[†] Base pair types are divided into ten base pair groups, while base pair conformations (bpC; X:Y Z) involved both in simple base pairs (BP) and in higher-order interactions including base-basepair and basepair-basepair interactions (TQ) are classified into 14 main families: WC, Watson-Crick; Wb, wobble; sWC, slipped Watson-Crick; sWb, slipped wobble; rWC, reversed Watson-Crick; rWb, reversed wobble; H, Hoogsteen; rH, reversed Hoogsteen; S, sheared; rS, reversed sheared; fS, flipped sheared; pfS, parallel flipped sheared; pS, parallel sheared; rpS, reversed parallel sheared. The parentheses represent the alternative base pair conformations with an asterisk (*), and the pound sign (#) indicates the 19 base pair conformations that are not likely to form.