Table 1. The UAA/GAN Motifs and Their Tertiary Contacts Mediated by the Cross-strand AAA stack[†]

Motif	AAA Stack	AAA Receptor	A-minor Interaction
H23S-1096	A1098	G1075:C1084	Type I
(E23S-999)	A1097	G1074:C1085	Type II
	A1259	G1074:C1085	Type I
H23S-2774	A2776	C2559:G2574	Type I
(E23S-2739)	A2775	G2558:C2575	Type II
	A2799	G2558:C2575	Type I
H23S-1457	A1459	C783:G863	Type I
(E23S-1352)	A1458	A784:U862	Type II
	A1485	A1656	—
H23S-664	A666	C208:G231	Type I
(E23S-607)	A665	G209:C230	Type II
	A682	G209:C230	Type I
E23S-1418	A1580	—	—
	A1579	—	—
	A1419	A1494	—
H23S-1579[††]	A1581	G1540:U1645	Type I
(E23S-1475)	A1580	—	—
	A1615	G1541:C1644	Type II
	A1616	G1542:C1643	Type I
H23S-1908[††]	A1910	U2128:A2265	Type I
(E23S-1852)	A1909	C2127:G2266	Type II
	A1930	C2127:G2266	Type II
	A1931	C2126:G2267	Type I

[†] The UAA/GAN motifs are named by the *H. marismortui* 23S rRNA (H23S) and their most 5' nucleotide position with their *E. coli* equivalents (E23S) in parentheses, except for E23S-1418, which is not present as UAA/GAN in *H. marismortui*.

[††] Although these positions have UAA/GAN in many 23S rRNAs, related sequences in the *H. marismortui* 23S rRNA adopt an alternative structure including an cross-strand AAAA stack.