

PDB entry	A-minor (one per motif)			Adenine(s) thread is	Unique motif	Adenine(s) thread	Thread with bulged bases	Bulged bases involved in	Molecule	Organism
	Adenine	Base pair								
4yaz	R.A.78.	R.C.7.	R.G.77.	3'-thread	I	--AA-a-	----Ca---		Cyclic di-GMP-I riboswitch	geobacter
6dtd	C.A.30.	C.G.11.	C.U.28.	3'-thread	II	--A----	----C----	Protein	Cas13b sgRNA	prevotella buccae
4v9f	9.A.56.	9.U.28.	9.A.54.	3'-thread	III	-uAA-g-	guugCC---		5S rRNA	haloarcula marismortui
5dm6	Y.A.59.	Y.C.32.	Y.G.56.	3'-thread	III	--AAA--	---gAAc--	A-minor	5S rRNA	deinococcus radiodurans
5fdv	1B.A.57.	1B.A.29.	1B.U.55.	3'-thread	III	--AAA--	---gAAc--	A-minor	5S rRNA	thermus thermophilus
5j7l	DB.A.57.	DB.A.29.	DB.U.55.	3'-thread	III	--AAA--	---gUCc--	U-minor & C-minor	5S rRNA	escherichia coli
5t5h	D.A.55.	D.A.27.	D.U.52.	3'-thread	III	-uAA-g-	-----c--		5S rRNA	trypanosoma cruzi
5tbw	AS.A.55.	AS.C.28.	AS.G.52.	3'-thread	III	-uAA-g-	-----c--		5S rRNA	saccharomyces cerevisiae
6eri	Ax.A.58.	Ax.A.29.	Ax.U.55.	3'-thread	III	-uAA-a-	---gAAcc-	A-minor	5S rRNA	spinacea oleracea
6hma	B.A.56.	B.A.27.	B.U.53.	3'-thread	III	-uAA-g-	---gU-cac		5S rRNA	staphylococcus aureus
6qzp	L7.A.55.	L7.G.27.	L7.C.52.	3'-thread	III	-uAA-g-	-----c--		5S rRNA	homo sapiens
4y4o	1a.A.1146.	1a.C.1128.	1a.G.1144.	3'-thread	IV	-cA--cu	---uU-g--	Cross-strand stack	16S rRNA	thermus thermophilus
6eri	BA.A.1095.	BA.C.1078.	BA.G.1093.	3'-thread	IV	-aA--cc	---uU-g--	Cross-strand stack	16S rRNA	spinacea oleracea
4y4o	1a.A.373.	1a.C.370.	1a.G.391.	5'-thread	V	-cAA-u-	----G-a--	G-minor	16S rRNA	thermus thermophilus
5j7l	AA.A.373.	AA.C.370.	AA.G.391.	5'-thread	V	-cAA-u-	----G-a--	G-minor	16S rRNA	escherichia coli
5ngm	Aa.A.381.	Aa.C.378.	Aa.G.399.	5'-thread	V	-cAA-u-	----G-a--	G-minor	16S rRNA	staphylococcus aureus
6eri	BA.A.345.	BA.C.342.	BA.G.363.	5'-thread	V	-cAA-u-	----G-a--	G-minor	16S rRNA	spinacea oleracea
4v88	A6.A.445.	A6.C.442.	A6.G.462.	5'-thread	V	-cAA-u-	----G-a--	G-minor	18S rRNA	saccharomyces cerevisiae
6az1	1.A.488.	1.C.485.	1.G.510.	5'-thread	V	-cAA-u-	----G-a--	G-minor	18S rRNA	leishmania donovani
6qzp	S2.A.493.	S2.C.490.	S2.G.510.	5'-thread	V	ccA--cu	----G-ag-	G-minor	18S rRNA	homo sapiens
4y4o	2A.A.1322.	2A.G.1319.	2A.C.1333.	5'-thread	VI	-cAA-u-	---aG----	Cross-strand stack	23S rRNA	thermus thermophilus
5dm6	X.A.1322.	X.G.1319.	X.C.1333.	5'-thread	VI	-gAA-g-	---cG----	Cross-strand stack	23S rRNA	deinococcus radiodurans
5j7l	DA.A.1322.	DA.C.1319.	DA.G.1333.	5'-thread	VI	-cAA-c-	---gG----	Cross-strand stack	23S rRNA	escherichia coli
6eri	AA.A.1343.	AA.G.1340.	AA.C.1354.	5'-thread	VI	-cAA-g-	---cA----	Cross-strand stack	23S rRNA	spinacea oleracea
6hma	A.A.1359.	A.G.1356.	A.C.1370.	5'-thread	VI	-gAA-g-	---cG----	Cross-strand stack	23S rRNA	staphylococcus aureus
6qzp	L5.A.2418.	L5.U.2415.	L5.A.2429.	5'-thread	VI	-gAA-c-	---gA----	Cross-strand stack	28S rRNA	homo sapiens
4v9f	0.A.961.	0.G.958.	0.C.1008.	5'-thread	VII	cgA--cc	---aAA---	A-minor	23S rRNA	haloarcula marismortui
4y4o	2A.A.866.	2A.G.864.	2A.C.912.	5'-thread	VII	-cA--cu	---aAA---	A-minor	23S rRNA	thermus thermophilus
5dm6	X.A.866.	X.G.864.	X.C.912.	5'-thread	VII	-cA--cu	---aAA---	A-minor	23S rRNA	deinococcus radiodurans
6eri	AA.A.876.	AA.G.874.	AA.C.921.	5'-thread	VII	-cA--cu	---aAA---	A-minor	23S rRNA	spinacea oleracea
6hma	A.A.911.	A.G.909.	A.C.957.	5'-thread	VII	-cA--cu	---aAA---	A-minor	23S rRNA	staphylococcus aureus
5tbw	1.A.1002.	1.A.998.	1.U.1050.	5'-thread	VII	cgAA-u-	---aAA---	A-minor	25S rRNA	saccharomyces cerevisiae
6qzp	L5.A.1742.	L5.A.1738.	L5.U.1790.	5'-thread	VII	cgAA-u-	---aAA---	A-minor	28S rRNA	homo sapiens
6az3	1.A.1053.	1.A.1049.	1.U.1101.	5'-thread	VII	caAA-u-	---aAA---	A-minor	rRNA alpha	leishmania donovani