

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	4	o	16S-0826(ec.0849)	C	S02-022	Lys	o	4	UU	o	4	ss	O1P:NZ(3.0)
-	3	O	16S-0812(ec.0829)	G	S02-024	Trp	-	5	BB	-	5	ss	O3*:NE1(3.35) O2*:NE1(3.43)
-	1	A	16S-1084(ec.1102)	A	S02-099	Gly	o	4	UU	o	4	bk	O2*:O(3.21)
s	1	A	16S-1083(ec.1101)	A	S02-099	Gly	o	4	UU	o	4	bk	N3:O(3.63)
v	1	A	16S-1083(ec.1101)	A	S02-100	Gly	G	1	UU	G	1	bk	N1:N(3.47)
b	1	U	16S-1055(ec.1073)	U	S02-104	Asn	N	1	UU	Q	1	ss	O2*:OD1(2.65) O2:ND2(3.01)
v	2	g	16S-1056(ec.1074)	G	S02-104	Asn	N	1	UU	Q	1	ss	O4*:ND2(3.27) O4*:OD1(3.47)
v	1	G	16S-1086(ec.1104)	G	S02-111	Arg	-	5	BB	-	5	ss	O5*:NE(3.37) O3*:NH2(3.33)
-	1	G	16S-1086(ec.1104)	G	S02-144	Arg	-	5	BB	-	5	ss	O2P:NH1(3.62)
-	4	o	16S-1081(ec.1099)	G	S02-148	Tyr	-	5	BB	-	5	ss	O2P:OH(3.46)
s	1	A	16S-1083(ec.1101)	A	S02-176	Glu	e	2	UU	E	1	ss	N6:OE2(3.18)
-	4	o	16S-1057(ec.1075)	C	S02-179	Lys	o	4	UU	o	4	ss	O1P:NZ(3.14)
-	4	o	16S-1058(ec.1076)	C	S02-179	Lys	o	4	UU	o	4	ss	O2P:NZ(3.49)
b	1	G	16S-1043(ec.1061)	G	S03-002	Gly	-	5	BB	-	5	bk	O6:N(3.42) O2P:O(2.89)
b	1	U	16S-1044(ec.1062)	U	S03-002	Gly	-	5	BB	-	5	bk	O4:N(3.28)
v	4	o	16S-1042(ec.1060)	C	S03-002	Gly	-	5	BB	-	5	bk	N4:N(3.55)
-	1	A	16S-1172(ec.1191)	A	S03-003	Asn	-	5	BB	-	5	ss	O2P:OD1(2.8) O1P:ND2(2.78)
v	4	o	16S-1042(ec.1060)	C	S03-003	Asn	-	5	BB	-	5	bk	O2P:O(3.54)
v	4	o	16S-1171(ec.1190)	G	S03-003	Asn	-	5	BB	-	5	ss	O3*:ND2(3.38)
v	1	U	16S-1044(ec.1062)	U	S03-003	Asn	-	5	BB	-	5	ss	O4:OD1(3.63)
-	1	A	16S-1172(ec.1191)	A	S03-004	Lys	-	5	BB	-	5	ss	O1P:NZ(2.91)
-	4	o	16S-1173(ec.1192)	C	S03-004	Lys	-	5	BB	-	5	ss	O1P:NZ(3.26) O2P:NZ(2.96)
v	4	o	16S-1171(ec.1190)	G	S03-004	Lys	-	5	BB	-	5	bk	O1P:N(3.45)
-	4	o	16S-1171(ec.1191)	G	S03-005	Ile	-	5	BB	-	5	bk	O1P:N(2.76)
v	5	-	16S-1237(ec.1256)	A	S03-027	Lys	o	4	UU	O	3	ss	N7:NZ(3.61)
s	5	-	16S-0416(ec.0421)	U	S03-127	Arg	o	4	UU	o	4	ss	N3:NH1(3.61) O4:NH1(3.1) N3:NE(3.55) N1:NH2(3.4)
v	1	G	16S-1039(ec.1057)	G	S03-155	Gly	G	1	UU	G	1	bk	O1P:N(3.48)
b	1	A	16S-0515(ec.0532)	A	S03-156	Arg	o	4	UU	R	1	ss	N7:NH2(3.58)
b	1	A	16S-1037(ec.1055)	A	S03-156	Arg	o	4	UU	R	1	ss	N3:NH1(3.4)
-	1	A	16S-0515(ec.0532)	A	S03-159	Gly	o	4	UU	o	4	bk	N6:O(3.19)
-	1	A	16S-0515(ec.0532)	A	S03-161	Glu	o	4	UU	o	4	ss	O2P:OE1(3.27) O5*:OE1(3.37)
-	1	A	16S-1037(ec.1055)	A	S03-161	Glu	o	4	UU	o	4	bk	O2*:O(2.62) O3*:O(3.29)
-	2	u	16S-1038(ec.1056)	U	S03-163	Ala	O	3	UU	O	3	bk	O1P:N(3.0)
v	4	o	16S-1174(ec.1193)	G	S03-167	Trp	o	4	UU	o	4	ss	O1P:NE1(3.44)
-	1	C	16S-1089(ec.1107)	C	S03-173	Val	o	4	UU	o	4	bk	O1P:N(2.71)
v	1	C	16S-1089(ec.1107)	C	S03-174	Pro	O	3	UU	O	3	bk	O1P:N(3.08)
-	1	G	16S-1090(ec.1108)	G	S03-175	Leu	o	4	UU	o	4	bk	O2P:N(3.67) O1P:N(3.64)
-	1	G	16S-1090(ec.1108)	G	S03-176	His	o	4	UU	o	4	ss	O1P:ND1(3.02)
b	1	C	16S-1094(ec.1112)	C	S03-176	His	o	4	UU	o	4	bk	N4:O(3.64)
v	4	o	16S-1091(ec.1109)	C	S03-176	His	o	4	UU	o	4	ss	O2P:NE2(3.4) O1P:NE2(3.27)
v	1	A	16S-1093(ec.1111)	A	S03-176	His	o	4	UU	o	4	bk	N6:O(3.4)
b	1	A	16S-1093(ec.1111)	A	S03-177	Thr	o	4	UU	o	4	ss	N1:OG1(2.77)
v	1	C	16S-1094(ec.1112)	C	S03-177	Thr	o	4	UU	o	4	ss	O2:OG1(3.47)
b	1	C	16S-1094(ec.1112)	C	S03-178	Leu	o	4	UU	o	4	bk	N3:N(2.62)
v	1	C	16S-1094(ec.1112)	C	S03-179	Arg	-	5	BB	-	5	sb	O2:NE(3.52) O2:N(3.4)
-	1	G	16S-1187(ec.1206)	G	S03-190	Arg	o	4	UU	o	4	ss	O1P:NH2(3.22)
v	2	u	16S-1186(ec.1205)	U	S03-190	Arg	o	4	UU	o	4	ss	O3*:NH2(3.45)
-	1	G	16S-1187(ec.1206)	G	S03-192	Thr	o	4	UU	o	4	bk	O3*:O(3.11) O2*:O(3.19)
v	1	G	16S-1187(ec.1206)	G	S03-193	Tyr	o	4	UU	o	4	bk	O4*:O(3.1)
v	1	G	16S-1187(ec.1206)	G	S03-194	Gly	G	1	UU	G	1	bk	O4*:N(3.39)
-	2	u	16S-1038(ec.1056)	U	S03-195	Val	o	4	UU	o	4	bk	O2*:O(3.07)
-	2	u	16S-1186(ec.1205)	U	S03-195	Val	o	4	UU	o	4	bk	O2*:N(3.62)
-	1	G	16S-1039(ec.1057)	G	S03-197	Gly	g	2	UU	g	2	bk	O3*:N(3.52)
-	4	o	16S-1041(ec.1059)	C	S03-199	Lys	o	4	UU	o	4	ss	O2P:NZ(2.99)
-	1	A	16S-0530(ec.0547)	A	S04-002	Gly	-	5	BB	-	5	bk	O2P:N(2.54)
v	1	U	16S-0400(ec.0405)	U	S04-002	Gly	-	5	BB	-	5	bk	O4:N(3.28)
v	4	o	16S-0399(ec.0404)	U	S04-002	Gly	-	5	BB	-	5	bk	O4:N(3.17)
-	4	o	16S-0398(ec.0403)	C	S04-003	Arg	-	5	BB	-	5	ss	O2P:NH2(3.64)
-	5	-	16S-0425(ec.0430)	A	S04-008	Val	-	5	BB	-	5	bk	O2P:N(3.09) O1P:N(3.2)
-	5	-	16S-0425(ec.0430)	A	S04-009	Cys	-	5	BB	-	5	bk	O1P:N(2.83)
-	4	o	16S-0525(ec.0430)	G	S04-010	Arg	-	5	BB	-	5	ss	O1P:NH2(2.33) O5*:NH2(3.66)
-	4	o	16S-0526(ec.0543)	C	S04-010	Arg	-	5	BB	-	5	ss	O2P:NH1(3.23)
-	5	-	16S-0423(ec.0428)	G	S04-010	Arg	-	5	BB	-	5	ss	O2P:NE(3.11)
-	5	-	16S-0422(ec.0427)	U	S04-013	Arg	-	5	BB	-	5	ss	O2P:NH2(3.37) O1P:NH2(2.29)
-	4	o	16S-0525(ec.0542)	G	S04-014	Arg	-	5	BB	-	5	ss	O3*:NH2(3.31)
-	4	o	16S-0526(ec.0543)	C	S04-014	Arg	-	5	BB	-	5	ss	O1P:NE(2.88)
v	5	-	16S-0403(ec.0408)	A	S04-021	Leu	-	5	BB	-	5	bk	O1P:O(3.61)
-	5	-	16S-0424(ec.0429)	U	S04-022	Lys	-	5	BB	-	5	ss	O2*:NZ(2.63) O3*:NZ(2.72)
b	5	-	16S-0405(ec.0410)	G	S04-022	Lys	-	5	BB	-	5	ss	O6:NZ(3.69)
v	5	-	16S-0403(ec.0408)	A	S04-022	Lys	-	5	BB	-	5	bk	O3*:O(3.56)
v	5	-	16S-0404(ec.0409)	G	S04-022	Lys	-	5	BB	-	5	bk	O1P:O(3.06)
-	5	-	16S-0404(ec.0409)	G	S04-024	Glu	-	5	BB	-	5	bk	O1P:O(2.36)
-	5	-	16S-0404(ec.0409)	G	S04-025	Arg	-	5	BB	-	5	bk	O1P:N(3.47)

Sorted by rProteins and rRNAs

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NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	5	-	16S-0405(ec.0410)	G	S04-025	Arg	-	5	BB	-	5	ss	O2P:NE(2.83)
-	5	-	16S-0406(ec.0411)	A	S04-025	Arg	-	5	BB	-	5	ss	O2P:NH2(2.68)
-	5	-	16S-0424(ec.0429)	U	S04-025	Arg	-	5	BB	-	5	ss	O2*:NH1(2.95)
-	5	-	16S-0405(ec.0410)	G	S04-030	Lys	-	5	BB	-	5	ss	O1P:NZ(3.35)
-	5	-	16S-0406(ec.0411)	A	S04-030	Lys	-	5	BB	-	5	ss	O1P:NZ(2.82) O2P:NZ(3.4)
-	5	-	16S-0421(ec.0426)	G	S04-036	Arg	-	5	BB	-	5	ss	O1P:NH2(2.87)
-	5	-	16S-0422(ec.0427)	U	S04-036	Arg	-	5	BB	-	5	ss	O2P:NH2(2.7) O2P:NH1(3.66)
-	5	-	16S-0423(ec.0428)	G	S04-036	Arg	-	5	BB	-	5	ss	O2*:NH1(3.24)
-	5	-	16S-0424(ec.0429)	U	S04-036	Arg	-	5	BB	-	5	ss	O2P:NH1(2.56)
v	5	-	16S-0408(ec.0413)	G	S04-036	Arg	-	5	BB	-	5	ss	N1:NH1(3.64)
-	5	-	16S-0420(ec.0425)	G	S04-038	Tyr	-	5	BB	-	5	ss	O3*:OH(3.66)
-	5	-	16S-0421(ec.0426)	G	S04-038	Tyr	-	5	BB	-	5	ss	O1P:OH(2.41)
v	5	-	16S-0421(ec.0426)	G	S04-041	Gly	-	5	BB	-	5	bk	O3*:N(3.22)
v	5	-	16S-0422(ec.0427)	U	S04-041	Gly	-	5	BB	-	5	bk	O1P:N(3.01)
v	4	o	16S-0495(ec.0512)	U	S04-042	Gln	-	5	BB	-	5	ss	{O4*:OE1(3.62)}
v	4	o	16S-0524(ec.0541)	G	S04-042	Gln	-	5	BB	-	5	bk	O2*:N(2.92)
v	5	-	16S-0421(ec.0426)	G	S04-042	Gln	-	5	BB	-	5	bk	O2*:N(3.24)
b	4	o	16S-0494(ec.0511)	C	S04-043	His	-	5	BB	-	5	ss	O2:NE2(2.99)
-	5	-	16S-0420(ec.0425)	G	S04-045	Gln	-	5	BB	-	5	ss	O3*:NE2(2.72) O2*:NE2(3.08)
-	4	o	16S-0494(ec.0511)	C	S04-046	Lys	-	5	BB	-	5	ss	O3*:NZ(3.5)
-	4	o	16S-0495(ec.0512)	U	S04-046	Lys	-	5	BB	-	5	ss	O5*:NZ(2.74) O1P:NZ(2.86)
-	1	A	16S-0492(ec.0509)	A	S04-052	Ser	-	5	BB	-	5	ss	O1P:OG(2.55)
-	4	o	16S-0526(ec.0543)	C	S04-059	Arg	o	4	UU	o	4	ss	O3*:NH1(3.45)
-	4	o	16S-0527(ec.0544)	G	S04-059	Arg	o	4	UU	o	4	ss	O1P:NH1(3.03)
-	4	o	16S-0528(ec.0545)	C	S04-062	Gln	o	4	UU	o	4	ss	O2P:NE2(3.25) O2P:OE1(2.93)
v	4	o	16S-0527(ec.0544)	G	S04-062	Gln	o	4	UU	o	4	ss	O1P:OE1(2.77)
-	4	o	16S-0528(ec.0545)	C	S04-065	Arg	o	4	UU	o	4	ss	O2P:NH1(3.61) O2P:NH2(3.38)
-	4	o	16S-0527(ec.0544)	G	S04-066	Arg	o	4	UU	o	4	ss	O1P:NH2(3.47) O2P:NH2(2.75)
-	4	o	16S-0529(ec.0546)	G	S04-072	Glu	o	4	UU	o	4	bk	O2P:N(3.17)
-	4	o	16S-0395(ec.0400)	C	S04-073	Arg	o	4	UU	o	4	ss	O1P:NH2(3.21)
-	4	o	16S-0396(ec.0401)	C	S04-073	Arg	o	4	UU	o	4	ss	O2P:NH2(2.66) O2P:NE(2.96)
-	4	o	16S-0529(ec.0546)	G	S04-073	Arg	o	4	UU	o	4	bk	O1P:N(3.0)
-	4	o	16S-0397(ec.0402)	G	S04-074	Gln	o	4	UU	o	4	ss	O1P:NE2(2.59)
-	4	o	16S-0398(ec.0403)	C	S04-074	Gln	o	4	UU	o	4	ss	O2P:NE2(3.2)
-	4	o	16S-0396(ec.0401)	C	S04-077	Asn	o	4	UU	o	4	ss	O1P:ND2(3.5)
v	5	-	16S-0403(ec.0408)	A	S04-113	Ser	o	4	UU	s	2	ss	O1P:OG(2.56)
v	5	-	16S-0402(ec.0407)	G	S04-113	Ser	o	4	UU	s	2	ss	O3*:OG(3.54)
-	5	-	16S-0402(ec.0407)	G	S04-115	Arg	o	4	UU	o	4	ss	O1P:NE(3.48) O1P:NH1(2.77)
-	5	-	16S-0402(ec.0407)	G	S04-116	Gln	o	4	UU	o	4	ss	O2*:NE2(3.48)
v	5	-	16S-0403(ec.0408)	A	S04-116	Gln	o	4	UU	o	4	ss	O4*:NE2(3.37)
-	4	o	16S-0399(ec.0404)	U	S04-118	Arg	r	2	UU	r	2	ss	O2P:NH1(3.22) O1P:NE(3.22)
b	5	-	16S-0401(ec.0406)	G	S04-119	Gln	o	4	UU	o	4	ss	N2:OE1(3.24) N3:NE2(3.01) N2:NE2(3.58) O2*:NE2(3.01)
v	5	-	16S-0402(ec.0407)	G	S04-119	Gln	o	4	UU	o	4	ss	O4*:NE2(3.56) O4*:OE1(3.28)
v	5	-	16S-0479(ec.0495)	A	S04-119	Gln	o	4	UU	o	4	ss	N6:NE2(3.47)
-	4	o	16S-0398(ec.0403)	C	S04-122	Arg	o	4	UU	o	4	ss	O3*:NE(3.62) O2*:NH1(3.19)
-	5	-	16S-0434(ec.0440)	A	S04-123	His	o	4	UU	o	4	ss	O1P:ND1(3.61)
b	5	-	16S-0479(ec.0495)	A	S04-123	His	o	4	UU	o	4	ss	N6:NE2(3.31)
v	5	-	16S-0432(ec.0438)	U	S04-123	His	o	4	UU	o	4	ss	O2:NE2(3.23) O2*:NE2(3.69)
-	5	-	16S-0432(ec.0438)	U	S04-125	His	h	2	UU	h	2	ss	O2*:NE2(2.67)
-	5	-	16S-0474(ec.0490)	G	S04-132	Arg	o	4	UU	o	4	ss	O1P:NH1(3.56) O2P:NH2(3.45)
v	5	-	16S-0473(ec.0489)	C	S04-132	Arg	o	4	UU	o	4	ss	O1P:NH2(3.33)
b	5	-	16S-0602(ec.0619)	U	S04-134	Asp	o	4	UU	o	4	sb	N3:OD1(2.52) O2:N(2.97) O4:OD2(3.53) O2:OD1(2.78)
-	4	o	16S-0397(ec.0402)	G	S04-137	Ser	O	3	UU	O	3	ss	O3*:OG(3.16)
-	4	o	16S-0398(ec.0403)	C	S04-137	Ser	O	3	UU	O	3	sb	O1P:N(3.36) O1P:OG(2.81)
b	5	-	16S-0603(ec.0620)	C	S04-137	Ser	O	3	UU	O	3	ss	O2:OG(3.21)
-	5	-	16S-0599(ec.0616)	G	S04-141	Arg	o	4	UU	o	4	ss	O1P:NH1(3.7)
b	4	o	16S-0008(ec.0008)	A	S04-205	Glu	-	5	VV	-	5	bk	N6:O(2.81)
-	4	o	16S-0026(ec.0026)	A	S04-209	Arg	-	5	VV	-	5	ss	O2*:NH1(3.17)
-	4	o	16S-0491(ec.0508)	C	S04-209	Arg	-	5	VV	-	5	ss	O1P:NH2(2.78) O2P:NH2(2.93)
v	4	o	16S-0008(ec.0008)	A	S04-209	Arg	-	5	VV	-	5	bk	N7:N(3.49) N6:N(3.17)
-	2	c	16S-0018(ec.0018)	C	S05-014	Arg	o	4	UU	o	4	ss	O1P:NH1(2.95)
-	4	o	16S-1061(ec.1079)	G	S05-014	Arg	o	4	UU	o	4	ss	O2*:NH2(3.01) O3*:NH2(2.94)
-	1	A	16S-0016(ec.0016)	A	S05-016	Thr	o	4	UU	o	4	ss	O2*:OG1(3.33)
-	2	u	16S-1063(ec.1081)	G	S05-016	Thr	o	4	UU	o	4	ss	O1P:OG1(2.79)
-	4	o	16S-1062(ec.1080)	A	S05-016	Thr	o	4	UU	o	4	ss	O3*:OG1(2.48)
-	1	A	16S-0016(ec.0016)	A	S05-017	Ala	o	4	UU	o	4	bk	O2*:N(3.66)
v	4	o	16S-1063(ec.1081)	G	S05-017	Ala	o	4	UU	o	4	bk	O1P:O(3.54)
-	1	U	16S-1052(ec.1070)	U	S05-018	Arg	o	4	UU	r	2	ss	O1P:NH1(2.95)
-	2	u	16S-0898(ec.0921)	U	S05-019	Met	o	4	UU	o	4	bk	O2*:O(2.28) O2*:N(2.98)
v	1	G	16S-0899(ec.0922)	G	S05-019	Met	o	4	UU	o	4	bk	O4*:O(3.33)
-	1	G	16S-0899(ec.0922)	G	S05-020	Gln	o	4	UU	o	4	sb	O1P:NE2(3.29) O2*:O(3.57)
b	1	A	16S-1380(ec.1398)	A	S05-020	Gln	o	4	UU	o	4	bk	N6:O(3.38)
-	1	G	16S-0899(ec.0922)	G	S05-021	Ala	o	4	UU	o	4	bk	O3*:N(3.62)

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RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	1	C	16S-1379(ec.1397)	C	S05-024	Arg	o	4	UU	o	4	ss	O2P:NH2(2.85)
-	1	G	16S-0015(ec.0015)	G	S05-024	Arg	o	4	UU	o	4	ss	O4*:NH2(3.46) O4*:NH1(2.88)
-	1	U	16S-1052(ec.1070)	U	S05-025	Arg	o	4	UU	O	3	ss	O1P:NH1(2.88)
-	4	o	16S-1051(ec.1069)	C	S05-025	Arg	o	4	UU	O	3	ss	O2*:NH1(3.49) O3*:NH1(3.11)
-	4	o	16S-1174(ec.1193)	G	S05-025	Arg	o	4	UU	O	3	ss	O2*:NH2(3.46)
b	4	o	16S-1173(ec.1192)	C	S05-025	Arg	o	4	UU	O	3	ss	O2:NH2(2.88) O2:NH1(3.22)
b	2	g	16S-1059(ec.1077)	G	S05-047	Lys	o	4	UU	o	4	ss	O6:NZ(3.29)
-	1	G	16S-1054(ec.1072)	G	S05-057	Lys	o	4	UU	o	4	ss	O1P:NZ(3.55)
-	1	U	16S-1055(ec.1073)	U	S05-057	Lys	o	4	UU	o	4	ss	O2P:NZ(3.06)
-	2	g	16S-1056(ec.1074)	G	S05-060	Tyr	o	4	UU	o	4	ss	O1P:OH(3.67)
-	2	g	16S-1056(ec.1074)	G	S05-061	Tyr	o	4	UU	o	4	ss	O2P:OH(2.59)
v	1	A	16S-0841(ec.0864)	A	S05-085	Gly	O	3	UU	O	3	bk	O2P:O(3.65)
b	4	o	16S-0007(ec.0007)	G	S05-092	Lys	o	4	UU	o	4	ss	N7:NZ(3.1) O6:NZ(3.44)
b	4	o	16S-0006(ec.0006)	G	S05-095	Ala	o	4	UU	o	4	bk	O6:N(2.78)
v	5	-	16S-0006(ec.0006)	G	S05-098	Thr	o	4	UU	o	4	ss	N1:OG1(3.15) N2:OG1(3.12)
v	4	o	16S-0008(ec.0008)	A	S05-102	Ala	o	4	UU	o	4	bk	O4*:O(3.36) O4*:N(3.24) N9:O(3.41)
v	4	o	16S-0008(ec.0008)	A	S05-103	Gly	o	4	UU	o	4	bk	O4*:N(3.2)
-	4	o	16S-0007(ec.0007)	G	S05-120	Thr	o	4	UU	O	3	bk	O2*:O(2.46)
-	2	a	16S-0542(ec.0559)	A	S05-121	Lys	o	4	UU	o	4	ss	O2P:NZ(3.13)
-	4	o	16S-0009(ec.0009)	G	S05-121	Lys	o	4	UU	o	4	ss	O2P:NZ(2.47)
-	4	o	16S-0009(ec.0009)	G	S05-122	Glu	o	4	UU	o	4	bk	O1P:N(2.73)
-	3	O	16S-0019(ec.0019)	C	S05-125	Ser	o	4	UU	S	1	ss	O1P:OG(2.33)
-	2	a	16S-0542(ec.0559)	A	S05-126	Arg	o	4	UU	o	4	ss	O1P:NH1(3.04) O1P:NH2(2.69) O2P:NH2(2.77)
v	4	o	16S-0009(ec.0009)	G	S05-126	Arg	o	4	UU	o	4	ss	O5*:NH1(3.63) N7:NH1(3.19)
-	2	c	16S-0018(ec.0018)	C	S05-127	Asn	o	4	UU	o	4	ss	O1P:ND2(2.9) O5*:ND2(3.34)
-	3	O	16S-0019(ec.0019)	C	S05-127	Asn	o	4	UU	o	4	ss	O2P:ND2(3.22)
-	2	c	16S-0018(ec.0018)	C	S05-130	Asn	N	1	UU	Q	1	ss	O3*:ND2(3.51)
-	3	O	16S-0019(ec.0019)	C	S05-130	Asn	N	1	UU	Q	1	ss	O1P:ND2(3.18)
b	1	G	16S-1060(ec.1078)	U	S05-130	Asn	N	1	UU	Q	1	ss	O2:ND2(3.21) O2*:OD1(2.78)
-	4	o	16S-1061(ec.1079)	G	S05-133	Tyr	o	4	UU	o	4	ss	O1P:OH(3.34)
-	2	c	16S-0722(ec.0739)	C	S06-002	Arg	-	-	BB	-	-	ss	O2P:NH1(2.9) O2P:NH2(2.7)
-	4	o	16S-0721(ec.0738)	C	S06-002	Arg	-	-	BB	-	-	ss	O1P:NH1(2.6)
-	4	o	16S-0721(ec.0738)	C	S06-004	Tyr	-	-	BB	-	-	ss	O1P:OH(2.85)
-	4	o	16S-0694(ec.0711)	G	S06-054	Lys	-	-	BB	-	-	ss	O2P:NZ(2.68) O1P:NZ(3.07)
b	4	o	16S-0653(ec.0670)	G	S06-073	Asn	-	-	BB	-	-	ss	N2:OD1(2.95)
b	4	o	16S-0720(ec.0737)	A	S06-073	Asn	-	-	BB	-	-	ss	N3:ND2(3.09) O2*:ND2(3.04)
-	4	o	16S-0656(ec.0673)	G	S06-087	Arg	-	-	BB	-	-	ss	O3*:NH2(2.79)
-	4	o	16S-0657(ec.0674)	G	S06-087	Arg	-	-	BB	-	-	ss	O1P:NH2(2.9)
-	4	o	16S-0719(ec.0736)	C	S06-090	Val	-	-	BB	-	-	bk	O2*:O(3.16)
-	4	o	16S-0720(ec.0737)	A	S06-092	Lys	-	-	BB	-	-	bk	O1P:N(2.94)
-	4	o	16S-0721(ec.0738)	C	S06-092	Lys	-	-	BB	-	-	ss	O2P:NZ(2.86)
v	1	G	16S-1361(ec.1379)	G	S07-002	Ala	-	5	BB	-	5	bk	O6:N(3.1) N7:O(3.5)
v	1	U	16S-1362(ec.1380)	U	S07-002	Ala	-	5	BB	-	5	bk	O4:N(3.61) O4:O(3.16)
b	1	U	16S-1362(ec.1380)	U	S07-003	Arg	-	5	BB	-	5	bk	O4:N(3.07)
b	2	c	16S-0909(ec.0932)	C	S07-003	Arg	-	5	BB	-	5	ss	N4:NH2(3.19)
b	4	o	16S-0910(ec.0933)	G	S07-003	Arg	-	5	BB	-	5	ss	O6:NH2(2.59) N7:NE(2.69)
s	1	A	16S-0912(ec.0935)	A	S07-003	Arg	-	5	BB	-	5	ss	N3:NH2(3.68) N1:NH2(3.49) N6:NE(3.7)
-	2	c	16S-0909(ec.0932)	C	S07-004	Arg	-	5	BB	-	5	ss	O3*:NE(3.41) O3*:NH2(3.4)
-	4	o	16S-0910(ec.0933)	G	S07-004	Arg	-	5	BB	-	5	ss	O1P:NE(2.91)
v	2	a	16S-1074(ec.1092)	A	S07-004	Arg	-	5	BB	-	5	ss	O3*:NH2(3.33)
-	1	G	16S-1361(ec.1379)	G	S07-006	Arg	-	5	BB	-	5	ss	O1P:NH2(3.12) O2P:NE(3.16)
v	2	c	16S-1360(ec.1378)	C	S07-006	Arg	-	5	BB	-	5	sb	O1P:O(3.52) O3*:NH2(3.6)
v	2	c	16S-1360(ec.1378)	C	S07-007	Ala	-	5	BB	-	5	bk	O1P:O(3.37)
b	1	U	16S-1358(ec.1376)	U	S07-010	Arg	-	5	BB	-	5	ss	O4:NE(3.03)
s	2	a	16S-1327(ec.1346)	A	S07-010	Arg	-	5	BB	-	5	ss	N7:NH2(3.07) N9:NH2(2.71) N3:NH1(3.13) N3:NH2(3.46)
-	3	O	16S-1357(ec.1375)	A	S07-028	Asn	o	4	UU	O	3	ss	O1P:ND2(3.27)
v	1	A	16S-1356(ec.1374)	A	S07-028	Asn	o	4	UU	O	3	sb	O3*:ND2(3.58) O2*:O(3.43)
-	2	g	16S-0916(ec.0939)	G	S07-029	Lys	o	4	UU	o	4	ss	O3*:NZ(3.69)
-	3	O	16S-1357(ec.1375)	A	S07-029	Lys	o	4	UU	o	4	ss	O2*:NZ(3.1)
-	4	o	16S-0917(ec.0940)	C	S07-029	Lys	o	4	UU	o	4	ss	O1P:NZ(2.75)
b	1	U	16S-1221(ec.1240)	U	S07-030	Ile	o	4	UU	O	3	bk	N3:O(2.88)
s	1	U	16S-1221(ec.1240)	U	S07-032	Arg	o	4	UU	o	4	ss	{N3:NE(3.52) O2*:NH1(3.45) O4:NH2(3.45)}
-	2	a	16S-1331(ec.1350)	A	S07-033	Asp	o	4	UU	o	4	ss	O2*:OD1(2.87)
v	4	o	16S-1332(ec.1351)	U	S07-033	Asp	o	4	UU	o	4	ss	O4*:OD1(3.52)
-	2	u	16S-1354(ec.1372)	U	S07-034	Gly	g	2	UU	g	2	bk	O2*:O(2.79)
v	1	G	16S-1355(ec.1373)	G	S07-034	Gly	g	2	UU	g	2	bk	O4*:O(3.2)
-	1	G	16S-1222(ec.1241)	G	S07-035	Lys	k	2	UU	R	1	ss	O1P:NZ(2.7)
-	4	o	16S-1271(ec.1290)	G	S07-035	Lys	k	2	UU	R	1	ss	O1P:NZ(2.67)
-	1	G	16S-1356(ec.1374)	A	S07-036	Lys	k	2	UU	R	1	ss	O1P:NZ(2.7)
-	4	o	16S-1272(ec.1291)	G	S07-037	Asn	o	4	UU	o	4	ss	O1P:OD1(3.15)
-	4	o	16S-1273(ec.1292)	U	S07-041	Arg	o	4	UU	o	4	ss	O2P:NH2(2.64) O1P:NH2(3.26) O2P:NH1(3.24)
v	5	-	16S-1272(ec.1291)	G	S07-041	Arg	o	4	UU	o	4	ss	O5*:NH2(3.7) O1P:NH2(3.55) O1P:NH1(2.91) O3*:NH2(2.75)
b	2	c	16S-1360(ec.1378)	C	S07-076	Arg	o	4	UU	o	4	ss	O2:NH1(3.18)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	2	g	16S-0676(ec.0693)	G	S07-081	Gly	o	4	UU	o	4	bk	O2*:O(3.13)
-	3	O	16S-0677(ec.0694)	A	S07-085	Tyr	o	4	UU	o	4	ss	O5*:OH(3.63)
-	1	U	16S-1358(ec.1376)	U	S07-094	Arg	o	4	UU	o	4	ss	O2P:NH2(3.17) O5*:NH2(3.43)
-	2	a	16S-1359(ec.1377)	A	S07-094	Arg	o	4	UU	o	4	ss	O2P:NE(3.21) O2P:NH2(3.23)
-	2	a	16S-0915(ec.0938)	A	S07-095	Arg	r	2	UU	R	1	ss	O3*:NH1(3.42)
-	2	g	16S-0916(ec.0939)	G	S07-095	Arg	r	2	UU	R	1	ss	O1P:NH1(3.38) O1P:NH2(3.21)
-	1	U	16S-1358(ec.1376)	U	S07-098	Ser	o	4	UU	o	4	ss	O1P:OG(2.82)
-	2	g	16S-0916(ec.0939)	G	S07-102	Arg	o	4	UU	o	4	ss	O1P:NH1(3.06)
-	4	o	16S-0917(ec.0940)	C	S07-102	Arg	o	4	UU	o	4	ss	O1P:NE(2.75)
b	1	U	16S-1221(ec.1240)	U	S07-109	Asn	o	4	UU	o	4	ss	O4:ND2(3.11) O4:OD1(3.55)
-	2	a	16S-1278(ec.1297)	C	S07-114	Arg	o	4	UU	O	3	ss	O3*:NH2(3.44)
-	3	O	16S-1220(ec.1239)	A	S07-114	Arg	o	4	UU	O	3	bk	O2*:O(2.63)
s	4	o	16S-1279(ec.1298)	C	S07-114	Arg	o	4	UU	O	3	ss	{O2P:NH2(2.76) O2*:NH1(3.14) O5*:NH2(3.41) N1:NH1(3.37)}
-	1	U	16S-1221(ec.1240)	U	S07-116	Ala	o	4	UU	o	4	bk	O2P:N(2.66)
-	1	U	16S-1221(ec.1240)	U	S07-119	Arg	o	4	UU	o	4	ss	O1P:NH2(2.92) O1P:NH1(3.46)
-	4	o	16S-0807(ec.0824)	C	S08-001	Met	o	4	UU	o	4	bk	O4*:N(3.47)
-	4	o	16S-0854(ec.0877)	C	S08-003	Thr	o	4	UU	o	4	ss	O2*:OG1(2.68)
-	4	o	16S-0855(ec.0878)	G	S08-003	Thr	o	4	UU	o	4	ss	O4*:OG1(2.9)
-	4	o	16S-0808(ec.0825)	G	S08-008	Asp	o	4	UU	o	4	ss	O2*:OD1(3.09)
-	4	o	16S-0853(ec.0876)	G	S08-011	Thr	o	4	UU	o	4	ss	O2*:OG1(3.33)
-	4	o	16S-0808(ec.0825)	G	S08-012	Arg	o	4	UU	o	4	ss	O2*:NH2(3.22) O2*:NE(3.56) O3*:NH2(3.63)
-	4	o	16S-0852(ec.0875)	C	S08-014	Arg	o	4	UU	o	4	ss	O2*:NH1(2.7)
v	4	o	16S-0853(ec.0876)	G	S08-014	Arg	o	4	UU	o	4	ss	O5*:NH1(3.32)
b	2	c	16S-0809(ec.0826)	C	S08-015	Asn	N	1	UU	Q	1	ss	O2:ND2(2.91) O2*:ND2(3.17)
b	4	o	16S-0852(ec.0875)	C	S08-015	Asn	N	1	UU	Q	1	ss	O2*:OD1(3.03) O2:ND2(3.02) O2:OD1(3.54)
-	5	-	16S-0573(ec.0590)	C	S08-030	Arg	O	3	UU	O	3	bk	O1P:N(2.52)
-	5	-	16S-0574(ec.0591)	U	S08-030	Arg	O	3	UU	O	3	ss	O1P:NE(3.24)
-	5	-	16S-0636(ec.0653)	A	S08-056	Lys	o	4	UU	o	4	ss	O5*:NZ(3.31) O1P:NZ(2.68)
-	2	g	16S-0838(ec.0861)	G	S08-075	Arg	-	5	BB	-	5	ss	O1P:NH2(3.2)
-	4	o	16S-0837(ec.0860)	A	S08-075	Arg	-	5	BB	-	5	ss	O3*:NH1(3.09)
v	4	o	16S-0855(ec.0878)	G	S08-089	Pro	-	5	BB	-	5	bk	O1P:O(2.71)
-	4	o	16S-0547(ec.0564)	C	S08-091	Arg	-	5	BB	-	5	ss	O2*:NH2(2.9)
-	2	g	16S-0570(ec.0587)	G	S08-092	Arg	-	5	BB	-	5	ss	O1P:NH1(2.96)
b	5	-	16S-0580(ec.0597)	G	S08-094	Tyr	-	5	BB	-	5	ss	N2:OH(3.1)
-	5	-	16S-0583(ec.0600)	C	S08-097	Val	-	5	BB	-	5	bk	O1P:N(2.72)
-	5	-	16S-0626(ec.0643)	C	S08-113	Ser	o	4	UU	s	2	ss	O4*:OG(3.29)
b	5	-	16S-0625(ec.0642)	A	S08-113	Ser	o	4	UU	s	2	ss	O2*:OG(2.71) N3:OG(2.89)
v	5	-	16S-0625(ec.0642)	A	S08-114	Thr	T	1	UU	S	1	bk	N3:N(3.5) N9:O(3.0) N3:O(3.35) O4*:O(3.59)
b	5	-	16S-0623(ec.0640)	A	S08-115	Ser	o	4	UU	O	3	sb	O2*:O(2.84) O2*:OG(3.27) N3:OG(2.94)
v	5	-	16S-0624(ec.0641)	U	S08-115	Ser	o	4	UU	O	3	bk	O4*:O(3.64)
-	5	-	16S-0582(ec.0599)	C	S08-130	Gly	g	2	UU	g	2	bk	O2*:N(2.85)
-	5	-	16S-0626(ec.0643)	C	S08-132	Glu	o	4	UU	o	4	ss	O2*:OE1(3.0) O2*:OE2(3.07)
-	5	-	16S-1112(ec.1130)	A	S09-003	Gln	o	4	UU	o	4	ss	O3*:OE1(3.08) O2*:NE2(3.29)
v	5	-	16S-1113(ec.1131)	G	S09-003	Gln	o	4	UU	o	4	ss	O1P:NE2(3.18) O1P:OE1(3.63)
-	5	-	16S-1129(ec.1147)	C	S09-005	Tyr	o	4	UU	o	4	ss	O3*:OH(2.96) O2*:OH(2.45)
-	5	-	16S-1130(ec.1148)	U	S09-007	Thr	o	4	UU	o	4	ss	O1P:OG1(2.76)
-	5	-	16S-1100(ec.1118)	C	S09-009	Arg	o	4	UU	R	1	ss	O1P:NE(3.22)
-	5	-	16S-1101(ec.1119)	C	S09-009	Arg	o	4	UU	R	1	ss	O1P:NH2(3.14) O2P:NH2(2.69)
v	5	-	16S-1131(ec.1149)	C	S09-009	Arg	o	4	UU	R	1	ss	O2P:NH1(3.67)
b	1	G	16S-1328(ec.1347)	G	S09-010	Arg	o	4	UU	r	2	ss	N7:NH2(2.61) O6:NH2(2.98)
-	2	u	16S-1354(ec.1372)	U	S09-011	Lys	k	2	UU	r	2	ss	O2P:NZ(3.23)
b	1	G	16S-1355(ec.1373)	G	S09-011	Lys	k	2	UU	r	2	ss	N7:NZ(2.92) O6:NZ(2.79)
v	4	o	16S-1353(ec.1371)	G	S09-011	Lys	k	2	UU	r	2	bk	O1P:O(2.47) O2P:O(3.64)
-	5	-	16S-1231(ec.1250)	A	S09-012	Glu	o	4	UU	o	4	ss	O2*:OE1(3.16)
v	2	g	16S-1352(ec.1370)	G	S09-012	Glu	o	4	UU	o	4	ss	O3*:OE1(2.9)
v	5	-	16S-1232(ec.1251)	A	S09-012	Glu	o	4	UU	o	4	ss	O4*:OE1(3.58) O3*:OE2(3.56)
-	5	-	16S-1109(ec.1127)	G	S09-016	Arg	o	4	UU	o	4	ss	O3*:NH2(3.25) O2*:NH1(3.59) O2*:NH2(2.99)
b	5	-	16S-1129(ec.1147)	C	S09-016	Arg	o	4	UU	o	4	ss	O2:NH2(3.66) O2:NH1(2.66)
v	5	-	16S-1110(ec.1128)	C	S09-016	Arg	o	4	UU	o	4	ss	O4*:NH1(3.17)
v	5	-	16S-1130(ec.1148)	U	S09-016	Arg	o	4	UU	o	4	ss	O4*:NE(3.52)
-	5	-	16S-1112(ec.1130)	A	S09-020	Arg	o	4	UU	o	4	ss	O3*:NH2(3.05) O5*:NH2(3.17)
v	5	-	16S-1113(ec.1131)	G	S09-020	Arg	o	4	UU	o	4	ss	O2P:NH2(3.63)
-	5	-	16S-1230(ec.1249)	C	S09-036	Tyr	o	4	UU	o	4	ss	O4*:OH(3.22)
-	4	o	16S-1272(ec.1291)	G	S09-038	Gln	o	4	UU	o	4	bk	O2*:O(2.66)
-	5	-	16S-1111(ec.1129)	C	S09-062	Tyr	o	4	UU	o	4	ss	O1P:OH(2.44)
-	5	-	16S-1110(ec.1128)	C	S09-066	Arg	o	4	UU	o	4	ss	O1P:NH2(3.06)
-	5	-	16S-1231(ec.1250)	A	S09-067	Gly	g	2	UU	g	2	bk	O1P:N(3.16)
-	5	-	16S-1231(ec.1250)	A	S09-068	Gly	g	2	UU	g	2	bk	O3*:N(3.3)
v	5	-	16S-1230(ec.1249)	C	S09-068	Gly	g	2	UU	g	2	bk	O2*:O(3.5)
v	2	u	16S-1354(ec.1372)	U	S09-069	Gly	G	1	UU	G	1	bk	O1P:O(3.02) O1P:N(3.68)
v	4	o	16S-1353(ec.1371)	G	S09-069	Gly	G	1	UU	G	1	bk	O3*:N(3.62)
-	5	-	16S-1229(ec.1248)	A	S09-070	Lys	o	4	UU	o	4	ss	O2*:NZ(2.65)
v	5	-	16S-1230(ec.1249)	C	S09-070	Lys	o	4	UU	o	4	bk	O2*:N(3.7)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	1	G	16S-1355(ec.1373)	G	S09-071	Ser	o	4	UU	o	4	ss	O2P:OG(2.45)
-	2	u	16S-1354(ec.1372)	U	S09-071	Ser	o	4	UU	o	4	sb	O3*:OG(3.57) O1P:N(2.91)
-	2	u	16S-1354(ec.1372)	U	S09-072	Gly	o	4	UU	o	4	bk	O1P:N(2.66)
v	5	-	16S-1230(ec.1249)	C	S09-073	Gln	q	2	UU	q	2	ss	{O2*:OE1(3.34) O3*:NE2(3.59)}
-	5	-	16S-1100(ec.1118)	C	S09-083	Arg	o	4	UU	R	1	ss	O3*:NH2(2.87)
-	5	-	16S-1101(ec.1119)	C	S09-083	Arg	o	4	UU	R	1	ss	O1P:NH1(3.37) O1P:NH2(3.1)
-	1	G	16S-1159(ec.1178)	G	S09-093	Arg	o	4	UU	o	4	ss	O1P:NH1(2.78)
-	1	A	16S-1160(ec.1179)	A	S09-097	Lys	o	4	UU	o	4	ss	O2P:NZ(2.68)
-	1	G	16S-1159(ec.1178)	G	S09-097	Lys	o	4	UU	o	4	ss	O1P:NZ(3.29) O5*:NZ(2.95) O2P:NZ(2.61)
-	1	A	16S-1161(ec.1180)	A	S09-103	Thr	o	4	UU	o	4	ss	O1P:OG1(2.98)
-	1	A	16S-1160(ec.1179)	A	S09-104	Arg	o	4	UU	o	4	bk	O2*:N(3.37)
-	4	o	16S-1099(ec.1116)	G	S09-104	Arg	o	4	UU	o	4	sb	O5*:NH1(3.56) O3*:NH1(2.97) O2*:O(3.47)
v	5	-	16S-1100(ec.1118)	C	S09-104	Arg	o	4	UU	o	4	ss	O1P:NE(3.22)
v	1	G	16S-1328(ec.1347)	G	S09-107	Arg	r	2	UU	r	2	ss	N7:NH1(3.25) O6:NH2(3.1) N3:NH1(3.15) N9:NH1(2.94)
v	2	a	16S-1327(ec.1346)	A	S09-107	Arg	r	2	UU	r	2	ss	O2*:NH1(3.67)
v	1	G	16S-1328(ec.1347)	G	S09-108	Val	o	4	UU	o	4	bk	O3*:O(3.48)
v	1	G	16S-1328(ec.1347)	G	S09-110	Glu	e	2	UU	e	2	bk	O3*:N(3.45)
v	1	U	16S-1329(ec.1348)	U	S09-110	Glu	e	2	UU	e	2	bk	O1P:N(2.79)
-	1	G	16S-1168(ec.1187)	G	S09-111	Arg	o	4	UU	o	4	ss	O2*:NH1(3.31)
-	3	O	16S-1350(ec.1368)	G	S09-111	Arg	o	4	UU	o	4	ss	O1P:NE(3.28) O1P:NH2(3.53)
-	2	c	16S-1351(ec.1369)	C	S09-112	Lys	O	3	UU	O	3	bk	O2P:N(2.73)
-	3	O	16S-1350(ec.1368)	G	S09-112	Lys	O	3	UU	O	3	ss	O2P:NZ(2.76)
-	4	o	16S-1349(ec.1367)	C	S09-112	Lys	O	3	UU	O	3	ss	O1P:NZ(3.55) O2P:NZ(2.59)
-	3	O	16S-1167(ec.1186)	G	S09-113	Lys	k	2	UU	r	2	ss	O2*:NZ(3.6) O3*:NZ(3.33)
v	3	O	16S-1350(ec.1368)	G	S09-113	Lys	k	2	UU	r	2	bk	O2P:O(2.92)
-	3	O	16S-1350(ec.1368)	G	S09-114	Tyr	o	4	UU	o	4	bk	O1P:N(3.18) O2P:N(2.93)
-	4	o	16S-1349(ec.1367)	C	S09-115	Gly	O	3	UU	O	3	bk	O1P:N(2.68)
-	2	c	16S-1325(ec.1344)	C	S09-116	Lys	o	4	UU	o	4	ss	O1P:NZ(3.27)
v	2	g	16S-1214(ec.1233)	G	S09-117	His	o	4	UU	o	4	ss	O1P:NE2(3.24)
v	4	o	16S-1348(ec.1366)	C	S09-117	His	o	4	UU	o	4	ss	O1P:ND1(3.55)
-	1	A	16S-1330(ec.1349)	A	S09-118	Lys	o	4	UU	o	4	ss	O1P:NZ(3.19) O5*:NZ(3.35) O2P:NZ(2.73)
-	2	a	16S-1331(ec.1350)	A	S09-118	Lys	o	4	UU	o	4	ss	O2P:NZ(3.25)
-	1	U	16S-1326(ec.1345)	U	S09-120	Arg	r	2	UU	r	2	ss	O1P:NH1(2.7)
-	2	a	16S-1327(ec.1346)	A	S09-120	Arg	r	2	UU	r	2	ss	O1P:NH1(2.69)
v	1	A	16S-1330(ec.1349)	A	S09-120	Arg	r	2	UU	r	2	bk	O1P:N(3.52)
-	1	A	16S-1330(ec.1349)	A	S09-121	Arg	o	4	UU	o	4	bk	O1P:N(2.97)
-	4	o	16S-1324(ec.1343)	G	S09-121	Arg	o	4	UU	o	4	ss	O2*:NH1(2.88) O4*:NH1(3.4)
v	4	o	16S-1324(ec.1343)	G	S09-122	Ala	o	4	UU	o	4	bk	O3*:N(3.65) O2*:N(3.54)
-	4	o	16S-0920(ec.0943)	U	S09-124	Gln	q	2	UU	q	2	ss	O2*:NE2(3.56)
-	4	o	16S-1213(ec.1232)	U	S09-124	Gln	q	2	UU	q	2	sb	O1P:NE2(2.6) O2P:NE2(3.57) O1P:O(3.58) O3*:O(3.66)
b	1	G	16S-0919(ec.0942)	G	S09-124	Gln	q	2	UU	q	2	ss	N2:OE1(3.14)
v	2	g	16S-1214(ec.1233)	G	S09-124	Gln	q	2	UU	q	2	bk	O1P:N(3.37)
-	4	o	16S-1324(ec.1343)	G	S09-125	Tyr	o	4	UU	o	4	ss	O1P:OH(2.72)
v	4	o	16S-1213(ec.1232)	U	S09-125	Tyr	o	4	UU	o	4	bk	O1P:O(3.36)
v	4	o	16S-1323(ec.1342)	C	S09-125	Tyr	o	4	UU	o	4	ss	O3*:OH(2.85)
v	3	O	16S-1212(ec.1231)	G	S09-126	Ser	s	2	UU	s	2	ss	O3*:OG(3.45)
v	4	o	16S-1213(ec.1232)	U	S09-126	Ser	s	2	UU	s	2	bk	O1P:N(3.56)
-	1	C	16S-1211(ec.1230)	C	S09-127	Lys	o	4	UU	o	4	ss	O3*:NZ(3.17)
-	3	O	16S-1212(ec.1231)	G	S09-127	Lys	o	4	UU	o	4	ss	O1P:NZ(2.5)
b	4	o	16S-0943(ec.0966)	G	S09-128	Arg	R	1	UU	R	1	ss	N3:OXT(3.53) O2*:OXT(3.11)
v	3	O	16S-0944(ec.0967)	C	S09-128	Arg	R	1	UU	R	1	ss	O2*:NH1(3.33) O3*:NH2(3.06) O3*:NE(3.23) O2*:NE(3.14)
v	3	O	16S-0945(ec.0968)	A	S09-128	Arg	R	1	UU	R	1	ss	O2P:NH2(3.05)
b	5	-	16S-1107(ec.1125)	U	S10-005	Arg	r	2	UU	r	2	ss	N3:NH2(2.68) O4:NE(2.6)
-	5	-	16S-1261(ec.1280)	A	S10-007	Lys	o	4	UU	o	4	ss	O1P:NZ(3.53)
b	5	-	16S-1262(ec.1281)	U	S10-007	Lys	o	4	UU	o	4	ss	O4:NZ(3.62) reoriented!
-	5	-	16S-1260(ec.1279)	A	S10-009	Arg	o	4	UU	o	4	ss	O2P:NH2(3.32)
v	5	-	16S-1134(ec.1154)	A	S10-013	His	o	4	UU	o	4	ss	O3*:NE2(2.84)
v	5	-	16S-1135(ec.1153)	C	S10-013	His	o	4	UU	o	4	ss	O1P:NE2(2.67)
v	5	-	16S-1106(ec.1124)	G	S10-034	Val	o	4	UU	o	4	bk	O1P:O(3.66)
-	5	-	16S-1105(ec.1123)	A	S10-035	Ser	o	4	UU	o	4	bk	O3*:O(2.79) O2*:O(3.54)
v	5	-	16S-1106(ec.1124)	G	S10-035	Ser	o	4	UU	o	4	bk	O5*:O(3.46) O1P:O(2.84)
v	5	-	16S-1105(ec.1123)	A	S10-036	Gly	g	2	UU	g	2	bk	O2*:O(3.36) O3*:N(3.56)
v	5	-	16S-1106(ec.1124)	G	S10-036	Gly	g	2	UU	g	2	bk	O1P:N(3.16)
v	5	-	16S-1105(ec.1123)	A	S10-037	Pro	p	2	UU	v	2	bk	O2*:O(3.41)
v	5	-	16S-1105(ec.1123)	A	S10-038	Ile	o	4	UU	O	3	bk	O2*:N(3.17)
-	5	-	16S-1132(ec.1150)	U	S10-040	Leu	o	4	UU	o	4	bk	O2*:N(3.21)
-	5	-	16S-1132(ec.1150)	U	S10-041	Pro	P	1	UU	V	1	bk	O2*:N(2.86)
-	5	-	16S-1133(ec.1151)	A	S10-042	Thr	O	3	UU	O	3	bk	O1P:N(2.89)
b	5	-	16S-1236(ec.1255)	G	S10-043	Arg	o	4	UU	O	3	ss	O6:NH2(3.11) N7:NH1(3.67)
v	5	-	16S-1235(ec.1254)	C	S10-043	Arg	o	4	UU	O	3	ss	N4:NH2(3.35)
v	5	-	16S-1260(ec.1279)	A	S10-043	Arg	o	4	UU	O	3	ss	N3:NH1(3.51) N3:NH2(3.65) N1:NH1(3.68)
v	5	-	16S-1235(ec.1254)	C	S10-044	Val	o	4	UU	o	4	bk	O1P:O(3.25)
-	4	o	16S-1349(ec.1367)	C	S10-048	Thr	o	4	UU	o	4	ss	O2*:OG1(3.08)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
v	4	o	16S-0952(ec.0975)	A	S10-048	Thr	o	4	UU	o	4	bk	N1:O(3.55)
-	4	o	16S-1041(ec.1059)	C	S10-051	Arg	o	4	UU	r	2	bk	O2*:O(3.58)
-	4	o	16S-1170(ec.1189)	C	S10-051	Arg	o	4	UU	r	2	ss	O2P:NH2(3.03) O1P:NH2(2.29)
-	1	A	16S-0941(ec.0964)	A	S10-055	Lys	o	4	UU	o	4	ss	O2*:NZ(3.67)
-	1	A	16S-0946(ec.0969)	A	S10-055	Lys	o	4	UU	o	4	ss	O1P:NZ(2.75)
-	2	g	16S-0950(ec.0973)	G	S10-055	Lys	o	4	UU	o	4	bk	O4*:N(2.69)
v	1	G	16S-1043(ec.1061)	G	S10-056	His	o	4	UU	o	4	ss	O4*:ND1(3.06) O4*:NE2(3.51)
v	4	o	16S-1042(ec.1060)	C	S10-056	His	o	4	UU	o	4	ss	O2:NE2(3.47)
-	1	C	16S-0949(ec.0972)	C	S10-057	Lys	o	4	UU	o	4	sb	O2*:N(3.64) O1P:NZ(2.28)
-	4	o	16S-1042(ec.1060)	C	S10-059	Ser	o	4	UU	o	4	ss	O2*:OG(3.62)
-	4	o	16S-1348(ec.1366)	C	S10-060	Arg	o	4	UU	o	4	ss	O2*:NH2(2.54)
-	4	o	16S-1349(ec.1367)	C	S10-060	Arg	o	4	UU	o	4	ss	O1P:NH1(3.34)
v	4	o	16S-0952(ec.0975)	A	S10-060	Arg	o	4	UU	o	4	ss	N6:NH2(3.65)
-	4	o	16S-1349(ec.1367)	C	S10-062	His	o	4	UU	o	4	ss	O2*:NE2(3.5)
-	5	-	16S-1134(ec.1152)	A	S10-068	His	O	3	UU	O	3	ss	O1P:ND1(2.52)
-	5	-	16S-1134(ec.1152)	A	S10-070	Arg	R	1	UU	R	1	ss	O1P:NH2(3.65)
v	5	-	16S-1133(ec.1151)	A	S10-070	Arg	R	1	UU	R	1	ss	O3*:NH2(3.64)
b	5	-	16S-1107(ec.1125)	U	S10-073	Asp	o	4	UU	O	3	ss	O4:OD2(2.83) O4:OD1(3.12)
-	4	o	16S-0667(ec.0684)	A	S11-012	Arg	o	4	UU	o	4	ss	O3*:NH2(2.96) O3*:NH1(3.38)
-	4	o	16S-0668(ec.0685)	G	S11-012	Arg	o	4	UU	o	4	ss	O1P:NH1(3.55) O1P:NH2(2.69)
v	3	O	16S-0690(ec.0707)	C	S11-020	Tyr	O	3	UU	O	3	ss	O3*:OH(3.63)
-	1	G	16S-0674(ec.0691)	G	S11-026	Asn	N	1	UU	Q	1	ss	O5*:ND2(2.92) O2P:ND2(3.02)
-	1	U	16S-0675(ec.0692)	U	S11-026	Asn	N	1	UU	Q	1	ss	O2P:ND2(2.84)
-	2	g	16S-0673(ec.0690)	G	S11-027	Asn	o	4	UU	o	4	ss	O2P:ND2(3.16)
-	4	o	16S-0672(ec.0689)	C	S11-027	Asn	o	4	UU	o	4	ss	O1P:ND2(2.91)
b	4	o	16S-0689(ec.0706)	A	S11-031	Thr	o	4	UU	o	4	ss	O2*:OG1(2.95) N3:OG1(2.81)
-	4	o	16S-0691(ec.0708)	C	S11-036	Asp	o	4	UU	o	4	bk	O2*:O(3.63)
b	3	O	16S-0690(ec.0707)	C	S11-037	Gly	G	1	UU	G	1	bk	O2*:O(2.77) O2:O(3.52)
v	4	o	16S-0691(ec.0708)	C	S11-037	Gly	G	1	UU	G	1	bk	O4*:O(3.69)
b	4	o	16S-0666(ec.0683)	G	S11-038	Asn	o	4	UU	o	4	ss	N3:ND2(3.5)
v	4	o	16S-0667(ec.0684)	A	S11-038	Asn	o	4	UU	o	4	ss	O4*:ND2(3.45)
-	4	o	16S-0667(ec.0684)	A	S11-039	Pro	o	4	UU	o	4	bk	O2*:N(3.7) O2*:O(2.76)
v	4	o	16S-0668(ec.0685)	G	S11-039	Pro	o	4	UU	o	4	bk	O4*:O(3.42)
v	4	o	16S-0668(ec.0685)	G	S11-040	Ile	o	4	UU	v	2	bk	O3*:O(3.47)
-	4	o	16S-0669(ec.0686)	U	S11-042	Trp	o	4	UU	o	4	ss	O4*:NE1(3.34)
-	2	g	16S-0671(ec.0688)	G	S11-044	Ser	o	4	UU	s	2	ss	O3*:OG(3.31)
-	4	o	16S-0672(ec.0689)	C	S11-044	Ser	o	4	UU	s	2	ss	O1P:OG(2.42)
v	4	o	16S-0672(ec.0689)	C	S11-045	Gly	o	4	UU	o	4	bk	O1P:N(3.69)
-	4	o	16S-0672(ec.0689)	C	S11-046	Gly	G	1	UU	G	1	bk	O1P:N(2.7)
v	1	G	16S-0674(ec.0691)	G	S11-051	Lys	o	4	UU	o	4	bk	O6:O(3.63)
v	1	G	16S-0674(ec.0691)	G	S11-052	Gly	o	4	UU	o	4	bk	O6:O(3.15)
v	1	U	16S-0675(ec.0692)	U	S11-052	Gly	o	4	UU	o	4	bk	O4:O(3.19)
-	1	A	16S-0678(ec.0695)	A	S11-053	Ser	o	4	UU	o	4	bk	O1P:N(3.41) O2P:N(3.31)
-	3	O	16S-0677(ec.0694)	A	S11-053	Ser	o	4	UU	o	4	ss	O1P:OG(3.14)
v	1	U	16S-0675(ec.0692)	U	S11-053	Ser	o	4	UU	o	4	bk	O4:N(3.27)
b	2	g	16S-0673(ec.0690)	G	S11-055	Lys	o	4	UU	o	4	ss	N7:NZ(3.46) O6:NZ(3.29)
v	1	G	16S-0674(ec.0691)	G	S11-055	Lys	o	4	UU	o	4	ss	O6:NZ(3.17)
v	4	o	16S-0672(ec.0689)	C	S11-055	Lys	o	4	UU	o	4	ss	O2P:NZ(3.43)
-	1	A	16S-0670(ec.0687)	A	S11-071	Lys	o	4	UU	o	4	ss	O1P:NZ(3.55)
-	3	O	16S-0690(ec.0707)	C	S11-085	Arg	o	4	UU	r	2	ss	O1P:NH1(2.49)
-	4	o	16S-0691(ec.0708)	C	S11-085	Arg	o	4	UU	r	2	ss	O1P:NH2(2.84)
-	2	g	16S-0658(ec.0675)	A	S11-114	Val	o	4	UU	v	2	bk	O2*:O(2.57)
s	2	a	16S-0701(ec.0718)	G	S11-116	His	o	4	UU	o	4	ss	N9:ND1(3.69) N1:NE2(3.52) N3:ND1(3.63) N3:NE2(3.61)
v	4	o	16S-0658(ec.0675)	A	S11-116	His	o	4	UU	o	4	sb	O4*:NE2(3.58) N3:N(3.06)
-	2	a	16S-0701(ec.0718)	G	S11-117	Asn	o	4	UU	o	4	ss	O4*:ND2(2.94) O5*:ND2(2.84)
-	4	o	16S-0699(ec.0716)	A	S11-117	Asn	o	4	UU	o	4	bk	O2*:O(3.06)
v	4	o	16S-0700(ec.0717)	C	S11-117	Asn	o	4	UU	o	4	bk	O4*:O(3.53)
v	1	A	16S-0698(ec.0715)	A	S11-118	Gly	o	4	UU	o	4	bk	N3:O(3.46)
v	4	o	16S-0699(ec.0716)	A	S11-118	Gly	o	4	UU	o	4	bk	O4*:O(3.49)
b	1	G	16S-0697(ec.0714)	G	S11-119	Cys	o	4	UU	s	2	ss	N2:SG(3.67)
-	2	g	16S-0761(ec.0778)	G	S11-120	Arg	r	2	UU	r	2	bk	O2*:O(2.68)
-	3	O	16S-1501(ec.1524)	C	S11-120	Arg	r	2	UU	r	2	ss	O1P:NH1(2.62) O5*:NH1(3.59)
-	4	o	16S-1502(ec.1525)	G	S11-120	Arg	r	2	UU	r	2	ss	O2P:NH2(2.96) O1P:NH2(2.55)
v	1	C	16S-0762(ec.0779)	C	S11-120	Arg	r	2	UU	r	2	bk	O4*:O(3.69)
-	2	u	16S-0781(ec.0798)	G	S11-122	Lys	o	4	UU	o	4	ss	O1P:NZ(3.67)
-	2	g	16S-1500(ec.1523)	G	S11-123	Lys	o	4	UU	r	2	ss	O1P:NZ(2.99)
-	4	o	16S-0763(ec.0780)	A	S11-123	Lys	o	4	UU	r	2	bk	O1P:N(2.79)
-	1	U	16S-0675(ec.0692)	U	S11-124	Lys	O	3	UU	r	2	ss	O1P:NZ(3.49)
-	4	o	16S-1502(ec.1525)	G	S11-126	Arg	O	3	UU	r	2	ss	O2P:NH1(3.64)
v	4	o	16S-0551(ec.0568)	G	S12-005	Pro	o	4	UU	o	4	bk	O6:N(2.83)
-	4	o	16S-0857(ec.0880)	C	S12-006	Thr	o	4	UU	o	4	ss	O2P:OG1(2.64)
-	4	o	16S-0857(ec.0880)	C	S12-008	Asn	o	4	UU	o	4	ss	O1P:ND2(2.76)
v	4	o	16S-0568(ec.0585)	G	S12-008	Asn	o	4	UU	o	4	ss	O4*:ND2(3.68)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
b	4	o	16S-0858(ec.0881)	G	S12-009	Gln	o	4	UU	o	4	ss	O2P:NE2(2.99) N7:NE2(3.25)
-	4	o	16S-0857(ec.0880)	C	S12-012	Arg	o	4	UU	O	3	ss	O1P:NE(3.31) O1P:NH2(2.89)
-	4	o	16S-0858(ec.0881)	G	S12-012	Arg	o	4	UU	O	3	ss	O1P:NH1(3.38) O2P:NH2(2.72) O1P:NH2(3.62)
-	3	O	16S-0859(ec.0882)	C	S12-013	Lys	o	4	UU	O	3	ss	O2P:NZ(2.91)
-	4	o	16S-0858(ec.0881)	G	S12-013	Lys	o	4	UU	O	3	ss	O1P:NZ(3.51)
-	4	o	16S-0547(ec.0564)	C	S12-015	Arg	o	4	UU	o	4	ss	O1P:NH2(3.49) O1P:NE(2.77) O2P:NH2(3.43)
b	4	o	16S-0550(ec.0567)	G	S12-015	Arg	o	4	UU	o	4	ss	O6:NH1(2.92) O6:NH2(3.33)
b	4	o	16S-0861(ec.0884)	U	S12-015	Arg	o	4	UU	o	4	ss	O4:NH1(3.37)
-	3	O	16S-0545(ec.0562)	C	S12-016	Glu	o	4	UU	o	4	bk	O2*:O(2.83)
v	3	O	16S-0545(ec.0562)	C	S12-017	Lys	o	4	UU	o	4	ss	O2*:NZ(3.54)
-	4	o	16S-0236(ec.0241)	C	S12-019	Arg	o	4	UU	o	4	ss	O3*:NH2(3.53) O2*:NH2(2.75)
-	3	O	16S-0539(ec.0556)	C	S12-020	Lys	o	4	UU	o	4	ss	O2P:NZ(3.53)
-	1	A	16S-0885(ec.0908)	A	S12-021	Lys	k	2	UU	r	2	ss	O1P:NZ(3.48)
-	1	A	16S-0886(ec.0909)	A	S12-021	Lys	k	2	UU	r	2	ss	O1P:NZ(3.69) O2P:NZ(3.43)
-	4	o	16S-0024(ec.0024)	U	S12-023	Lys	o	4	UU	o	4	ss	O1P:NZ(2.81)
-	1	G	16S-0357(ec.0362)	G	S12-028	Lys	o	4	UU	o	4	ss	O2*:NZ(3.69) O4*:NZ(3.54)
b	1	U	16S-0049(ec.0049)	U	S12-028	Lys	o	4	UU	o	4	ss	O2:NZ(3.11)
v	4	o	16S-0536(ec.0553)	A	S12-029	Gly	O	3	UU	O	3	bk	O2*:O(3.16)
-	4	o	16S-0535(ec.0552)	U	S12-031	Pro	o	4	UU	o	4	bk	O2*:O(2.72)
v	4	o	16S-0358(ec.0363)	A	S12-032	Phe	o	4	UU	o	4	bk	O4*:O(3.54)
-	1	G	16S-0357(ec.0362)	G	S12-033	Arg	o	4	UU	o	4	ss	O3*:NH2(3.59) O2*:NH2(3.61)
b	4	o	16S-0358(ec.0363)	A	S12-033	Arg	o	4	UU	o	4	ss	N7:NH2(3.2)
-	4	o	16S-0358(ec.0363)	A	S12-034	Arg	o	4	UU	r	2	sb	O2P:NE(3.63) O1P:N(2.92)
-	3	O	16S-1468(ec.1491)	G	S12-046	Lys	O	3	UU	r	2	ss	O1P:NZ(3.41)
-	1	A	16S-0890(ec.0913)	A	S12-047	Lys	o	4	UU	o	4	ss	O5*:NZ(2.89) O1P:NZ(2.81)
-	4	o	16S-0889(ec.0912)	C	S12-047	Lys	o	4	UU	o	4	ss	O3*:NZ(3.37)
b	1	C	16S-0505(ec.0522)	C	S12-049	Asn	N	1	UU	Q	1	ss	N4:OD1(3.51)
v	1	C	16S-0511(ec.0528)	C	S12-049	Asn	N	1	UU	Q	1	ss	N4:OD1(2.88) N4:ND2(2.91)
v	1	G	16S-0510(ec.0527)	G	S12-049	Asn	N	1	UU	Q	1	ss	O6:OD1(2.84)
v	1	G	16S-0512(ec.0529)	G	S12-049	Asn	N	1	UU	Q	1	ss	O6:ND2(2.87)
-	1	C	16S-0501(ec.0518)	C	S12-050	Ser	s	2	UU	s	2	ss	O2*:OG(3.13)
-	1	C	16S-0502(ec.0519)	C	S12-050	Ser	s	2	UU	s	2	sb	O2P:OG(2.61) O1P:OG(3.62) O2P:O(3.23)
b	1	G	16S-0512(ec.0529)	G	S12-050	Ser	s	2	UU	s	2	bk	N2:O(3.51) N1:O(3.05)
-	1	A	16S-0503(ec.0520)	A	S12-052	Leu	o	4	UU	v	2	bk	O2P:N(2.66)
v	1	C	16S-0505(ec.0522)	C	S12-053	Arg	r	2	UU	r	2	ss	N4:NH2(3.24)
v	1	G	16S-0504(ec.0521)	G	S12-053	Arg	r	2	UU	r	2	ss	N7:NH2(3.27) O6:NH2(3.16)
v	2	a	16S-0506(ec.0523)	A	S12-053	Arg	r	2	UU	r	2	ss	N6:NH1(3.5)
-	1	A	16S-0503(ec.0520)	A	S12-054	Lys	K	1	UU	R	1	ss	O1P:NZ(3.69)
-	1	G	16S-0504(ec.0521)	G	S12-054	Lys	K	1	UU	R	1	ss	O2P:NZ(2.85)
-	4	o	16S-0358(ec.0363)	A	S12-061	Thr	o	4	UU	o	4	ss	O1P:OG1(2.6)
-	1	C	16S-0505(ec.0522)	C	S12-069	Tyr	o	4	UU	o	4	ss	O2P:OH(2.46)
-	1	C	16S-0505(ec.0522)	C	S12-072	Gly	o	4	UU	o	4	bk	O1P:N(3.06)
v	1	G	16S-0504(ec.0521)	G	S12-072	Gly	o	4	UU	o	4	bk	O5*:O(3.58)
-	1	A	16S-0503(ec.0520)	A	S12-073	Glu	o	4	UU	O	3	ss	O2*:OE2(2.62)
v	1	G	16S-0504(ec.0521)	G	S12-073	Glu	o	4	UU	O	3	ss	O5*:OE2(3.67) O5*:O(3.2) O1P:O(2.38)
v	4	o	16S-0520(ec.0537)	G	S12-073	Glu	o	4	UU	O	3	ss	O4*:OE1(3.26)
-	4	o	16S-0535(ec.0552)	U	S12-086	Arg	o	4	UU	o	4	bk	O2*:O(2.64)
v	4	o	16S-0535(ec.0552)	U	S12-087	Gly	g	2	UU	g	2	bk	O3*:O(3.27)
-	1	U	16S-0888(ec.0911)	U	S12-089	Arg	o	4	UU	O	3	ss	O2P:NH1(3.67)
b	1	C	16S-0505(ec.0522)	C	S12-092	Asp	D	1	UU	E	1	ss	N4:OD2(3.6)
v	2	a	16S-0506(ec.0523)	A	S12-092	Asp	D	1	UU	E	1	sb	N1:OD1(3.38) N1:OD2(2.89) N1:N(3.6) N6:OD2(3.46)
-	1	C	16S-0887(ec.0910)	C	S12-097	Arg	r	2	UU	r	2	ss	O1P:NH1(3.22) O1P:NH2(3.11)
-	1	U	16S-0888(ec.0911)	U	S12-097	Arg	r	2	UU	r	2	ss	O2P:NH2(2.56)
-	4	o	16S-0520(ec.0537)	G	S12-113	Arg	o	4	UU	o	4	ss	O1P:NH2(2.24)
-	4	o	16S-0521(ec.0538)	G	S12-114	Lys	o	4	UU	o	4	sb	O3*:NZ(3.23) O1P:N(2.92)
v	4	o	16S-0522(ec.0539)	A	S12-114	Lys	o	4	UU	o	4	ss	O1P:NZ(3.22)
-	4	o	16S-0521(ec.0538)	G	S12-115	Lys	o	4	UU	o	4	bk	O1P:N(2.98)
b	4	o	16S-0522(ec.0539)	A	S12-115	Lys	o	4	UU	o	4	ss	N7:NZ(3.38)
v	4	o	16S-0485(ec.0502)	G	S12-115	Lys	o	4	UU	o	4	bk	O2P:O(3.69)
-	4	o	16S-0486(ec.0503)	C	S12-116	Ser	o	4	UU	o	4	ss	O2P:OG(2.6) O1P:OG(3.25)
-	4	o	16S-0484(ec.0501)	C	S12-117	Arg	o	4	UU	o	4	ss	O1P:NH2(2.65)
v	2	c	16S-0036(ec.0036)	C	S12-117	Arg	o	4	UU	o	4	ss	O2*:NH2(3.08)
v	4	o	16S-0485(ec.0502)	G	S12-117	Arg	o	4	UU	o	4	bk	O1P:N(3.32)
-	4	o	16S-0485(ec.0502)	G	S12-118	Ser	o	4	UU	o	4	bk	O1P:N(2.51)
b	1	G	16S-0035(ec.0035)	G	S12-118	Ser	o	4	UU	o	4	sb	N2:OG(2.59) O2*:O(2.33) N3:OG(2.85)
-	4	o	16S-0486(ec.0503)	C	S12-119	Lys	o	4	UU	o	4	ss	O1P:NZ(2.94)
-	2	c	16S-0036(ec.0036)	C	S12-123	Lys	o	4	UU	O	3	ss	O1P:NZ(3.07)
-	1	U	16S-0037(ec.0037)	U	S12-124	Lys	o	4	UU	r	2	bk	O1P:N(2.62)
-	3	O	16S-0483(ec.0500)	G	S12-124	Lys	o	4	UU	r	2	ss	O5*:NZ(3.48)
-	4	o	16S-0484(ec.0501)	C	S12-124	Lys	o	4	UU	r	2	ss	O2P:NZ(2.99)
v	2	c	16S-0036(ec.0036)	C	S12-124	Lys	o	4	UU	r	2	bk	O3*:N(3.28)
v	3	O	16S-1276(ec.1295)	G	S13-014	Arg	o	4	UU	o	4	ss	O2*:NH2(3.48) O2*:NE(3.63)
v	4	o	16S-1283(ec.1302)	U	S13-014	Arg	o	4	UU	o	4	ss	O4:NE(3.34)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
v	2	u	16S-1311(ec.1330)	U	S13-022	Ile	O	3	UU	O	3	bk	O1P:O(3.07)
v	2	u	16S-1311(ec.1330)	U	S13-023	Tyr	o	4	UU	o	4	bk	O1P:O(2.48) O5*:O(3.35)
v	4	o	16S-1310(ec.1329)	A	S13-023	Tyr	o	4	UU	o	4	bk	O3*:O(3.03)
v	4	o	16S-1310(ec.1329)	A	S13-024	Gly	G	1	UU	G	1	bk	O3*:O(3.48)
v	2	u	16S-1311(ec.1330)	U	S13-025	Ile	o	4	UU	v	2	bk	O1P:O(2.82) O2P:O(3.47) O1P:N(3.44)
v	4	o	16S-1310(ec.1329)	A	S13-025	Ile	o	4	UU	v	2	bk	O3*:N(3.45)
v	4	o	16S-1310(ec.1329)	A	S13-026	Gly	g	2	UU	g	2	bk	O1P:O(3.16) O1P:N(2.9)
v	4	o	16S-1310(ec.1329)	A	S13-028	Ala	o	4	UU	o	4	bk	O1P:N(3.2)
-	4	o	16S-1310(ec.1329)	A	S13-029	Arg	o	4	UU	o	4	bk	O1P:N(2.83)
v	2	c	16S-1309(ec.1328)	C	S13-029	Arg	o	4	UU	o	4	ss	O2*:NE(3.52)
-	1	C	16S-1277(ec.1296)	C	S13-044	Arg	o	4	UU	o	4	ss	O1P:NH1(3.33)
-	4	o	16S-1278(ec.1297)	C	S13-044	Arg	o	4	UU	O	3	ss	O1P:NH2(2.9) O2P:NH2(3.3)
v	1	G	16S-1290(ec.1309)	G	S13-077	Asn	o	4	UU	o	4	ss	O2*:ND2(2.92)
v	4	o	16S-1291(ec.1310)	G	S13-077	Asn	o	4	UU	o	4	ss	O1P:OD1(3.51)
-	1	G	16S-1290(ec.1309)	G	S13-088	Arg	r	2	UU	r	2	ss	O1P:NH2(3.55) O2P:NH2(3.26) O1P:NE(3.41)
-	4	o	16S-1291(ec.1310)	G	S13-088	Arg	r	2	UU	r	2	ss	O2P:NH1(3.15) O2P:NH2(2.69)
-	1	C	16S-1207(ec.1226)	C	S13-091	Arg	R	1	UU	R	1	ss	O2P:NH1(3.44) O1P:NH1(2.71) O2P:NH2(3.21)
v	1	G	16S-1290(ec.1309)	G	S13-092	His	h	2	UU	h	2	ss	O1P:NE2(2.82)
v	4	o	16S-1289(ec.1308)	U	S13-092	His	h	2	UU	h	2	ss	O3*:NE2(3.55)
-	4	o	16S-1289(ec.1308)	U	S13-098	Val	v	2	UU	v	2	bk	O1P:N(2.64)
b	1	G	16S-1290(ec.1309)	G	S13-099	Arg	R	1	UU	R	1	ss	O2P:NH2(3.09) O2P:NE(3.28) N7:NH2(2.61)
s	4	o	16S-1289(ec.1308)	U	S13-099	Arg	R	1	UU	R	1	ss	O4:NH1(3.45)
-	2	u	16S-1288(ec.1307)	U	S13-101	Gln	Q	1	UU	Q	1	ss	O1P:NE2(3.1)
-	4	o	16S-1289(ec.1308)	U	S13-101	Gln	Q	1	UU	Q	1	ss	O2P:NE2(2.92)
-	1	G	16S-0928(ec.0951)	G	S13-102	Arg	o	4	UU	o	4	ss	O2P:NH2(3.39)
-	1	U	16S-0927(ec.0950)	U	S13-102	Arg	o	4	UU	o	4	ss	O2P:NE(3.04)
-	1	C	16S-1207(ec.1226)	C	S13-103	Thr	t	2	UU	S	1	ss	O2P:OG1(2.34) O5*:OG1(3.69)
b	2	c	16S-1209(ec.1228)	C	S13-104	Arg	o	4	UU	r	2	bk	N4:O(3.05)
b	2	g	16S-0930(ec.0953)	G	S13-104	Arg	o	4	UU	r	2	ss	N7:NH2(2.63) O6:NE(3.31)
s	4	o	16S-0929(ec.0952)	U	S13-104	Arg	o	4	UU	r	2	ss	O4:NE(2.96)
v	1	G	16S-0931(ec.0954)	G	S13-104	Arg	o	4	UU	r	2	ss	O6:NE(3.53)
b	1	U	16S-0927(ec.0950)	U	S13-105	Thr	o	4	UU	s	2	ss	O4:OG1(2.59)
b	1	U	16S-0927(ec.0950)	U	S13-106	Asn	o	4	UU	o	4	ss	O4:ND2(2.95)
b	4	o	16S-0926(ec.0949)	A	S13-106	Asn	o	4	UU	o	4	sb	O2P:O(3.45) N7:ND2(2.71)
v	3	O	16S-0925(ec.0948)	C	S13-106	Asn	o	4	UU	o	4	ss	N4:OD1(3.44)
v	3	O	16S-0925(ec.0948)	C	S13-107	Ala	o	4	UU	o	4	bk	O2P:N(3.17) O1P:N(3.63)
-	3	O	16S-0925(ec.0948)	C	S13-108	Arg	o	4	UU	o	4	bk	O2P:N(3.01) O1P:N(3.45)
-	4	c	16S-1209(ec.1228)	C	S13-108	Arg	o	4	UU	o	4	ss	O1P:NH2(2.64) O2P:NH1(3.13)
-	3	O	16S-0925(ec.0948)	C	S13-109	Thr	o	4	UU	o	4	bk	O1P:N(3.19)
b	1	A	16S-1287(ec.1306)	A	S13-109	Thr	o	4	UU	o	4	ss	O2*:OG1(3.19)
-	1	C	16S-1207(ec.1226)	C	S13-111	Lys	o	4	UU	O	3	ss	O3*:NZ(2.81)
-	2	c	16S-1209(ec.1228)	C	S13-111	Lys	o	4	UU	O	3	ss	O2P:NZ(2.86)
-	1	A	16S-1208(ec.1227)	A	S13-115	Lys	o	4	UU	o	4	bk	O2*:O(2.9)
-	2	c	16S-1209(ec.1228)	C	S13-115	Lys	o	4	UU	o	4	bk	O1P:N(3.06) O5*:O(3.3) O5*:N(3.23)
-	2	c	16S-1209(ec.1228)	C	S13-116	Thr	o	4	UU	o	4	ss	O3*:OG1(3.3)
-	4	o	16S-1210(ec.1229)	A	S13-116	Thr	o	4	UU	o	4	ss	O1P:OG1(2.67)
-	2	c	16S-1209(ec.1228)	C	S13-117	Val	O	3	UU	v	2	bk	O2*:N(3.21) O2*:O(3.59)
-	1	G	16S-0931(ec.0954)	G	S13-120	Lys	o	4	UU	O	3	ss	O1P:NZ(2.84)
-	2	g	16S-0930(ec.0953)	G	S13-123	Ala	o	4	VV	o	4	bk	O2*:O(2.85)
b	1	A	16S-0946(ec.0969)	A	S13-124	Pro	o	4	VV	o	4	bk	N1:O(3.37)
v	2	g	16S-0930(ec.0953)	G	S13-124	Pro	o	4	VV	o	4	bk	O4*:O(3.55)
-	4	o	16S-1210(ec.1229)	A	S13-125	Arg	o	4	VV	o	4	ss	O2*:NE(2.54)
v	1	C	16S-1211(ec.1230)	C	S13-125	Arg	o	4	VV	o	4	sb	N1:O(3.24) O4*:O(3.5) O4*:NE(3.12) O2:O(3.28)
v	4	o	16S-0929(ec.0952)	U	S13-125	Arg	o	4	VV	o	4	bk	O2:O(3.48)
b	1	G	16S-0928(ec.0951)	G	S13-126	Lys	o	4	VV	o	4	sb	N2:O(3.34) N2:OXT(3.13)
v	1	C	16S-0947(ec.0970)	C	S13-126	Lys	o	4	VV	o	4	sb	O2:O(2.87) N3:OXT(3.66) N3:O(2.56) O2:OXT(2.65)
v	1	C	16S-1211(ec.1230)	C	S13-126	Lys	o	4	VV	o	4	sb	O2:OXT(2.52) O2:O(2.76) O2*:O(2.99)
v	3	O	16S-1212(ec.1231)	G	S13-126	Lys	o	4	VV	o	4	bk	O4*:O(2.43) N9:O(3.54)
v	4	o	16S-0929(ec.0952)	U	S13-126	Lys	o	4	VV	o	4	ss	O2:OXT(3.16)
v	2	u	16S-1031(ec.1049)	U	S14-002	Ala	-	5	BB	-	5	bk	O4:N(3.29)
v	4	o	16S-1184(ec.1203)	C	S14-002	Ala	-	5	BB	-	5	bk	O1P:O(3.51)
-	1	A	16S-0960(ec.0983)	A	S14-003	Arg	-	5	BB	-	5	ss	O4*:NH1(3.62) O5*:NH1(3.19) O5*:NH2(3.7)
-	4	o	16S-1197(ec.1216)	G	S14-003	Arg	-	5	BB	-	5	ss	O1P:NE(3.49) O2P:NH2(3.27) O1P:NH2(3.59)
-	1	G	16S-1029(ec.1047)	G	S14-004	Lys	-	5	BB	-	5	ss	O1P:NZ(2.77)
-	1	G	16S-1030(ec.1048)	G	S14-004	Lys	-	5	BB	-	5	bk	O1P:N(3.35)
b	5	-	16S-0972(ec.0995)	C	S14-004	Lys	-	5	BB	-	5	ss	O2:NZ(2.94)
v	4	o	16S-1198(ec.1217)	C	S14-005	Ala	-	5	BB	-	5	bk	O1P:O(3.22)
-	1	U	16S-0958(ec.0981)	U	S14-008	Glu	-	5	BB	-	5	ss	O1P:OE2(3.48)
v	4	o	16S-1198(ec.1217)	C	S14-008	Glu	-	5	BB	-	5	ss	O1P:OE1(3.16)
-	5	-	16S-0993(ec.1015)	A	S14-015	Lys	o	4	UU	o	4	ss	O3*:NZ(3.12)
-	3	O	16S-1298(ec.1317)	C	S14-017	Lys	o	4	UU	o	4	bk	O1P:N(3.47)
b	4	o	16S-0956(ec.0979)	C	S14-018	Val	o	4	UU	o	4	bk	N4:O(3.09)
v	1	C	16S-0957(ec.0980)	C	S14-018	Val	o	4	UU	o	4	bk	O2:O(3.68)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
b	4	o	16S-0956(ec.0979)	C	S14-019	Arg	o	4	UU	o	4	ss	O2*:NH2(3.2) O2:NE(2.67)
-	4	o	16S-1200(ec.1219)	U	S14-019	Arg	o	4	UU	o	4	ss	O1P:NH2(2.9) O1P:NH1(2.74)
v	1	C	16S-0957(ec.0980)	C	S14-019	Arg	o	4	UU	o	4	bk	O2*:O(2.86)
v	3	O	16S-1298(ec.1317)	C	S14-019	Arg	o	4	UU	o	4	ss	N4:NH2(3.29)
-	1	C	16S-1340(ec.1359)	C	S14-022	Thr	o	4	UU	o	4	ss	O1P:OG1(3.09)
-	2	u	16S-0959(ec.0982)	U	S14-023	Arg	o	4	UU	o	4	ss	O2P:NH2(3.51)
-	4	o	16S-1183(ec.1202)	G	S14-027	Cys	O	3	UU	s	2	sb	O2*:SG(3.64) O2*:O(3.47)
-	4	o	16S-0951(ec.0974)	A	S14-029	Arg	o	4	UU	o	4	ss	O2P:NH1(3.15) O2P:NH2(2.7) O1P:NH2(2.95)
-	4	o	16S-1183(ec.1202)	G	S14-029	Arg	o	4	UU	o	4	ss	O4*:NE(3.29)
v	2	g	16S-0950(ec.0973)	G	S14-029	Arg	o	4	UU	o	4	ss	O2*:NH2(3.49)
s	4	o	16S-0951(ec.0974)	A	S14-031	Arg	o	4	UU	o	4	ss	O4*:NE(3.46) N3:NH2(3.35) N9:NE(3.33) N9:NH2(3.44)
v	3	O	16S-0953(ec.0976)	G	S14-031	Arg	o	4	UU	o	4	bk	O1P:O(2.39)
v	4	o	16S-0952(ec.0975)	A	S14-031	Arg	o	4	UU	o	4	bk	O3*:O(3.58)
-	4	o	16S-0951(ec.0974)	A	S14-032	Ser	o	4	UU	o	4	ss	O2P:OG(3.26)
v	3	O	16S-0953(ec.0976)	G	S14-032	Ser	o	4	UU	o	4	bk	O1P:N(3.47)
v	4	o	16S-0952(ec.0975)	A	S14-034	Tyr	o	4	UU	o	4	ss	N3:OH(3.67)
-	1	A	16S-1341(ec.1360)	A	S14-035	Arg	O	3	UU	O	3	ss	O2P:NH2(3.17)
-	1	U	16S-1339(ec.1358)	U	S14-035	Arg	O	3	UU	O	3	bk	O1P:N(2.94)
v	1	C	16S-1340(ec.1359)	C	S14-035	Arg	O	3	UU	O	3	ss	O2P:NE(3.62)
-	2	g	16S-0950(ec.0973)	G	S14-041	Arg	R	1	UU	R	1	ss	O2*:NH2(3.37) O3*:NH1(2.85)
-	4	o	16S-0951(ec.0974)	A	S14-041	Arg	R	1	UU	R	1	ss	O2P:NH1(2.45)
b	4	o	16S-1183(ec.1202)	G	S14-043	Cys	O	3	UU	O	3	ss	N2:SG(3.48)
-	4	o	16S-1041(ec.1059)	C	S14-045	Arg	r	2	UU	r	2	ss	O3*:NH2(3.11)
-	4	o	16S-1042(ec.1060)	C	S14-045	Arg	r	2	UU	r	2	ss	O1P:NH2(2.53)
b	4	o	16S-1183(ec.1202)	G	S14-046	Glu	o	4	UU	o	4	ss	N2:OE1(3.23) N1:OE2(3.21)
-	1	C	16S-1095(ec.1113)	C	S14-057	Arg	o	4	UU	o	4	ss	O2*:NH2(3.35)
-	4	o	16S-1169(ec.1188)	A	S14-058	Lys	k	2	UU	r	2	ss	O3*:NZ(3.45)
-	4	o	16S-1170(ec.1189)	C	S14-058	Lys	k	2	UU	r	2	ss	O1P:NZ(2.98)
b	1	G	16S-1168(ec.1187)	G	S14-060	Ser	o	4	UU	o	4	ss	N3:OG(2.88) N2:OG(3.0)
b	3	O	16S-1096(ec.1114)	C	S14-060	Ser	o	4	UU	o	4	sb	O2:OG(2.9) O2*:O(2.74)
-	2	c	16S-1351(ec.1369)	C	S14-061	Trp	o	4	VV	o	4	ss	O1P:NE1(3.13)
-	3	O	16S-1350(ec.1368)	G	S14-061	Trp	o	4	VV	o	4	ss	O3*:NE1(3.57)
b	3	O	16S-1167(ec.1186)	G	S14-061	Trp	o	4	VV	o	4	bk	N2:O(2.95)
v	4	o	16S-1097(ec.1115)	C	S14-061	Trp	o	4	VV	o	4	bk	O2:O(3.3)
v	4	o	16S-0723(ec.0740)	U	S15-002	Pro	-	5	BB	-	5	bk	O2P:N(2.87)
-	4	o	16S-0641(ec.0658)	G	S15-008	Lys	-	5	BB	-	5	ss	O1P:NZ(2.94)
-	4	o	16S-0642(ec.0659)	U	S15-008	Lys	-	5	BB	-	5	ss	O2P:NZ(2.57)
-	4	o	16S-0733(ec.0750)	G	S15-021	Asp	-	5	BB	-	5	ss	O2*:OD2(2.92)
-	4	o	16S-0733(ec.0750)	G	S15-022	Thr	-	5	BB	-	5	sb	O2*:N(3.09) O4*:OG1(3.09)
b	4	o	16S-0640(ec.0657)	G	S15-022	Thr	-	5	BB	-	5	sb	N2:OG1(2.9) O2*:O(2.86)
b	4	o	16S-0733(ec.0750)	G	S15-023	Gly	-	5	BB	-	5	bk	O2*:N(2.92) N2:O(3.01)
v	4	o	16S-0734(ec.0751)	U	S15-023	Gly	-	5	BB	-	5	bk	O4*:O(2.82)
b	2	g	16S-0639(ec.0656)	C	S15-028	Gln	-	5	BB	-	5	ss	O2:NE2(3.69) O2*:OE1(2.36)
v	4	o	16S-0640(ec.0657)	G	S15-028	Gln	-	5	BB	-	5	ss	O4*:NE2(3.61) O4*:OE1(3.58)
v	4	o	16S-0733(ec.0750)	G	S15-028	Gln	-	5	BB	-	5	ss	N2:NE2(3.18)
-	2	g	16S-0725(ec.0742)	G	S15-035	Arg	o	4	UU	r	2	ss	O1P:NH1(3.49) O2P:NH2(2.78)
v	4	o	16S-0724(ec.0741)	G	S15-035	Arg	o	4	UU	r	2	ss	O1P:NH2(3.14)
-	2	c	16S-0722(ec.0739)	C	S15-042	His	H	1	UU	H	1	ss	O2*:ND1(2.46)
b	2	g	16S-0650(ec.0667)	G	S15-042	His	H	1	UU	H	1	ss	N2:NE2(3.49)
v	4	o	16S-0723(ec.0740)	U	S15-042	His	H	1	UU	H	1	ss	O4*:NE2(3.53) O4*:ND1(3.58)
b	4	o	16S-0651(ec.0668)	G	S15-046	His	o	4	UU	o	4	ss	N3:NE2(3.63)
-	4	o	16S-0652(ec.0669)	U	S15-048	Lys	O	3	UU	r	2	ss	O1P:NZ(2.85)
-	4	o	16S-0790(ec.0807)	A	S15-048	Lys	O	3	UU	r	2	ss	O1P:NZ(3.1)
-	4	o	16S-0791(ec.0808)	C	S15-048	Lys	O	3	UU	r	2	ss	O2P:NZ(2.94) O1P:NZ(3.34)
b	2	g	16S-0650(ec.0667)	G	S15-049	Asp	D	1	UU	E	1	ss	O2*:OD1(2.53) N3:OD2(3.3) N2:OD2(3.1)
b	1	A	16S-0712(ec.0729)	A	S15-051	His	o	4	UU	o	4	ss	N6:NE2(3.64)
v	4	o	16S-0713(ec.0730)	G	S15-051	His	o	4	UU	o	4	ss	O6:NE2(3.0)
b	2	g	16S-0649(ec.0666)	G	S15-052	Ser	o	4	UU	o	4	ss	N2:OG(3.38)
-	4	o	16S-0723(ec.0740)	U	S15-052	Ser	o	4	UU	o	4	ss	O2*:OG(2.72)
v	4	o	16S-0724(ec.0741)	G	S15-052	Ser	o	4	UU	o	4	ss	O4*:OG(3.37)
-	4	o	16S-0562(ec.0579)	G	S15-054	Arg	o	4	UU	o	4	ss	O3*:NH2(3.68) O2*:NE(2.95) O3*:NE(3.36)
s	1	A	16S-0711(ec.0728)	A	S15-054	Arg	o	4	UU	o	4	ss	N7:NH1(3.34) O1P:NH2(3.05) O4*:NH2(3.68) O1P:NH1(3.31)
-	4	o	16S-0724(ec.0741)	G	S15-055	Gly	o	4	UU	o	4	bk	O2*:N(3.69)
v	3	O	16S-0563(ec.0580)	U	S15-057	Leu	o	4	UU	o	4	bk	O3*:O(3.67)
-	4	o	16S-0565(ec.0582)	U	S15-064	Arg	o	4	UU	o	4	ss	O1P:NH1(3.03)
v	1	G	16S-0564(ec.0581)	G	S15-064	Arg	o	4	UU	o	4	ss	O3*:NH1(3.52)
-	1	G	16S-0564(ec.0581)	G	S15-065	Arg	O	3	UU	r	2	ss	O1P:NH1(3.37)
v	4	o	16S-0738(ec.0755)	G	S15-065	Arg	O	3	UU	r	2	ss	O2P:NE(3.51)
-	4	o	16S-0565(ec.0582)	U	S15-068	Arg	o	4	UU	o	4	ss	O1P:NH2(2.67) O1P:NH1(3.55)
-	4	o	16S-0736(ec.0753)	A	S15-069	Tyr	y	2	UU	s	2	ss	O1P:OH(2.73)
-	4	o	16S-0737(ec.0754)	C	S15-072	Arg	o	4	UU	o	4	ss	O1P:NH1(3.31)
v	4	o	16S-0130(ec.0136)	C	S16-001	Met	-	-	BB	-	-	ss	O4*:SD(3.48)
v	4	o	16S-0129(ec.0135)	C	S16-001	Met	-	-	BB	-	-	bk	O2:N(3.6)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	4	o	16S-0372(ec.0377)	G	S16-003	Lys	-	-	BB	-	-	ss	O1P:NZ(2.57) O2P:NZ(3.05)
-	4	o	16S-0372(ec.0377)	G	S16-005	Arg	-	-	BB	-	-	ss	O1P:NH1(2.84)
v	4	o	16S-0371(ec.0376)	G	S16-005	Arg	-	-	BB	-	-	ss	O3*:NH1(3.23) O3*:NE(3.33)
-	4	o	16S-0371(ec.0376)	G	S16-006	Leu	-	-	BB	-	-	bk	O1P:N(3.1)
v	1	U	16S-0370(ec.0375)	U	S16-006	Leu	-	-	BB	-	-	bk	O2*:O(3.47)
-	4	o	16S-0387(ec.0392)	G	S16-008	Arg	-	-	BB	-	-	ss	O1P:NH1(3.7) O1P:NH2(3.29)
v	4	o	16S-0386(ec.0391)	G	S16-008	Arg	-	-	BB	-	-	ss	O3*:NH2(2.87)
v	5	-	16S-0607(ec.0624)	C	S16-009	Phe	-	-	BB	-	-	bk	O3*:O(3.16)
v	5	-	16S-0608(ec.0625)	G	S16-009	Phe	-	-	BB	-	-	bk	O1P:O(2.73)
v	5	-	16S-0607(ec.0624)	C	S16-010	Gly	-	-	BB	-	-	bk	O3*:O(3.24)
-	2	a	16S-0388(ec.0393)	A	S16-012	Lys	-	-	BB	-	-	ss	O2P:NZ(3.08)
-	4	o	16S-0044(ec.0044)	G	S16-012	Lys	-	-	BB	-	-	bk	O1P:N(3.36)
-	4	o	16S-0387(ec.0392)	G	S16-013	His	-	-	BB	-	-	sb	O3*:NE2(3.62) O1P:N(2.8)
v	2	a	16S-0388(ec.0393)	A	S16-013	His	-	-	BB	-	-	ss	O1P:NE2(3.09)
v	5	-	16S-0607(ec.0624)	C	S16-014	Asn	-	-	BB	-	-	ss	O2*:ND2(3.55)
-	2	a	16S-0369(ec.0374)	A	S16-017	Tyr	-	-	BB	-	-	ss	O2*:OH(3.12)
v	1	U	16S-0370(ec.0375)	U	S16-017	Tyr	-	-	BB	-	-	ss	O4*:OH(3.42)
-	5	-	16S-0591(ec.0608)	A	S16-018	Arg	-	-	BB	-	-	ss	O3*:NH1(3.33)
-	5	-	16S-0592(ec.0609)	A	S16-018	Arg	-	-	BB	-	-	ss	O1P:NH2(2.97)
-	4	o	16S-0224(ec.0229)	U	S16-023	Asp	-	-	BB	-	-	ss	O2*:OD2(2.49)
v	4	o	16S-0225(ec.0230)	G	S16-023	Asp	-	-	BB	-	-	ss	O4*:OD2(3.53)
-	4	o	16S-0103(ec.0110)	C	S16-025	Arg	-	-	BB	-	-	bk	O2*:O(2.7) O3*:O(3.34)
-	4	o	16S-0225(ec.0230)	G	S16-025	Arg	-	-	BB	-	-	ss	O4*:NH2(3.14) O2*:NH2(3.69)
v	4	o	16S-0128(ec.0134)	A	S16-025	Arg	-	-	BB	-	-	ss	N6:NH2(3.36) {N6:NH1(3.45)}
-	4	o	16S-0306(ec.0311)	C	S16-026	Arg	-	-	BB	-	-	ss	O1P:NH1(3.26)
-	4	o	16S-0305(ec.0310)	G	S16-027	Lys	-	-	BB	-	-	ss	O2P:NZ(3.0)
-	4	o	16S-0385(ec.0390)	C	S16-028	Arg	-	-	BB	-	-	ss	O3*:NH2(2.34) O2*:NH2(2.94)
-	4	o	16S-0386(ec.0391)	G	S16-028	Arg	-	-	BB	-	-	ss	O1P:NH2(3.19)
b	1	U	16S-0370(ec.0375)	U	S16-028	Arg	-	-	BB	-	-	ss	O2:NE(2.73)
-	4	o	16S-0305(ec.0310)	G	S16-031	Lys	-	-	BB	-	-	bk	O1P:N(3.59)
-	5	-	16S-0609(ec.0626)	U	S16-035	Lys	-	-	BB	-	-	ss	O1P:NZ(2.7)
v	5	-	16S-0443(ec.0449)	C	S16-042	Arg	-	-	BB	-	-	ss	O2:NH1(3.22)
-	5	-	16S-0444(ec.0450)	G	S16-043	Lys	-	-	BB	-	-	ss	O1P:NZ(2.76)
-	5	-	16S-0446(ec.0452)	A	S16-043	Lys	-	-	BB	-	-	ss	O2P:NZ(3.53) O1P:NZ(2.69)
v	5	-	16S-0600(ec.0617)	G	S16-044	Thr	-	-	BB	-	-	ss	O2*:OG1(3.65)
-	4	o	16S-0131(ec.0137)	C	S16-061	Ser	-	-	BB	-	-	bk	O2*:O(3.37)
v	4	o	16S-0222(ec.0227)	G	S16-062	Val	-	-	BB	-	-	bk	N2:O(3.24)
-	4	o	16S-0130(ec.0136)	C	S16-063	Gly	-	-	BB	-	-	bk	O2*:O(2.96)
v	4	o	16S-0131(ec.0137)	C	S16-063	Gly	-	-	BB	-	-	bk	O4*:N(3.18)
-	4	o	16S-0130(ec.0136)	C	S16-065	Gln	-	-	BB	-	-	ss	O2*:OE1(2.66) O3*:OE1(3.65)
-	4	o	16S-0371(ec.0376)	G	S16-067	Thr	-	-	BB	-	-	ss	O1P:OG1(2.71)
-	1	U	16S-0370(ec.0375)	U	S16-069	Thr	-	-	BB	-	-	ss	O1P:OG1(2.3)
v	5	-	16S-0446(ec.0452)	A	S16-072	Arg	-	-	BB	-	-	ss	O2*:NE(2.92) O5*:NH2(3.02) O4*:NH2(3.35)
-	5	-	16S-0458(ec.0475)	G	S16-075	Arg	-	-	BB	-	-	ss	O2P:NH1(2.76)
v	5	-	16S-0457(ec.0468)	A	S16-075	Arg	-	-	BB	-	-	ss	O1P:NH1(2.94) O1P:NH2(3.58)
v	5	-	16S-0457(ec.0468)	A	S16-080	Phe	-	-	BB	-	-	bk	O3*:O(3.68)
v	5	-	16S-0457(ec.0468)	A	S16-081	Arg	-	-	BB	-	-	bk	O3*:N(3.08)
v	5	-	16S-0458(ec.0475)	G	S16-081	Arg	-	-	BB	-	-	bk	O1P:N(3.34)
b	5	-	16S-0456(ec.0467)	G	S16-082	Gln	-	-	BB	-	-	ss	O2*:NE2(3.48) N2:NE2(3.25)}
-	5	-	16S-0457(ec.0468)	A	S16-082	Gln	-	-	BB	-	-	sb	O2*:N(3.17) O4*:NE2(2.32)
-	5	-	16S-0457(ec.0468)	A	S16-083	Glu	-	-	BB	-	-	ss	O2*:OE2(3.33)
-	4	o	16S-0120(ec.0127)	G	S17-002	Pro	o	4	UU	o	4	bk	O3*:N(2.94) O2*:O(2.94) O2*:N(3.1)
-	4	o	16S-0121(ec.0128)	G	S17-003	Lys	o	4	UU	o	4	ss	O2*:NZ(3.43) O3*:NZ(2.86)
-	4	o	16S-0122(ec.0129)	U	S17-003	Lys	o	4	UU	o	4	ss	O1P:NZ(2.95)
-	3	O	16S-0271(ec.0276)	G	S17-012	Ser	o	4	UU	o	4	ss	O1P:OG(3.09)
-	1	G	16S-0270(ec.0275)	G	S17-015	Met	o	4	UU	o	4	ss	O2*:SD(3.64)
-	2	u	16S-0248(ec.0253)	U	S17-015	Met	o	4	UU	o	4	ss	O2*:SD(3.4)
v	1	G	16S-0249(ec.0254)	G	S17-015	Met	o	4	UU	o	4	ss	O4*:SD(3.3)
-	1	G	16S-0249(ec.0254)	G	S17-016	Gln	o	4	UU	o	4	bk	O2*:O(2.66)
-	2	g	16S-0250(ec.0255)	G	S17-016	Gln	o	4	UU	o	4	ss	O2*:NE2(3.11) O4*:NE2(3.11)
-	2	g	16S-0250(ec.0255)	G	S17-017	Lys	o	4	UU	r	2	ss	O3*:NZ(3.18)
-	2	u	16S-0251(ec.0256)	U	S17-017	Lys	o	4	UU	r	2	ss	O1P:NZ(3.2)
-	1	G	16S-0249(ec.0254)	G	S17-018	Thr	o	4	UU	s	2	ss	O2*:OG1(2.95) O3*:OG1(3.09)
-	3	O	16S-0271(ec.0276)	G	S17-020	Thr	o	4	UU	O	3	ss	O1P:OG1(3.67)
-	2	g	16S-0233(ec.0238)	G	S17-025	Arg	o	4	UU	o	4	ss	O1P:NH1(3.66) O1P:NH2(3.39)
v	4	o	16S-0232(ec.0237)	C	S17-025	Arg	o	4	UU	o	4	ss	O3*:NH1(3.52)
v	4	o	16S-0547(ec.0564)	C	S17-031	Leu	o	4	UU	o	4	bk	O4*:O(3.7)
-	4	o	16S-0568(ec.0585)	G	S17-034	Lys	o	4	UU	R	1	ss	O2*:NZ(3.35) O3*:NZ(2.85)
-	4	o	16S-0569(ec.0586)	C	S17-034	Lys	o	4	UU	R	1	ss	O1P:NZ(3.46)
v	4	o	16S-0275(ec.0280)	C	S17-038	Arg	o	4	UU	r	2	ss	O4*:NH1(2.78)
b	4	o	16S-0275(ec.0280)	C	S17-039	Ser	o	4	UU	o	4	sb	N3:N(3.49) O2:N(3.02) N3:OG(2.94)
-	4	o	16S-0231(ec.0236)	G	S17-040	Lys	o	4	UU	o	4	ss	O1P:NZ(2.76)
-	4	o	16S-0232(ec.0237)	C	S17-040	Lys	o	4	UU	o	4	ss	O2P:NZ(2.68)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
-	3	O	16S-0272(ec.0277)	C	S17-041	Lys	o	4	UU	o	4	ss	O5*:NZ(3.67) O1P:NZ(3.66) O2P:NZ(2.86)
-	4	o	16S-0273(ec.0278)	G	S17-041	Lys	o	4	UU	o	4	ss	O2P:NZ(2.83)
-	4	o	16S-0231(ec.0236)	G	S17-042	Tyr	o	4	UU	o	4	ss	O3*:OH(3.57)
b	4	o	16S-0120(ec.0127)	G	S17-061	Glu	o	4	UU	o	4	ss	N2:OE1(2.69)
-	3	O	16S-0124(ec.0130)	A	S17-063	Arg	r	2	UU	r	2	ss	O1P:NE(2.98) O1P:NH2(3.69) O2P:NH2(3.05)
b	5	-	16S-0189(ec.0189)	U	S17-063	Arg	r	2	UU	r	2	sb	N1:NH2(3.52) O4:N(2.96) O2*:NH2(2.43)
-	4	o	16S-0259(ec.0264)	U	S17-064	Pro	p	2	UU	v	2	bk	O2*:O(2.64) O2*:N(3.64)
v	2	g	16S-0260(ec.0265)	G	S17-065	Ile	O	3	UU	v	2	bk	O3*:O(3.59)
-	1	G	16S-0249(ec.0254)	G	S17-066	Ser	s	2	UU	s	2	ss	O1P:OG(2.75)
-	2	u	16S-0248(ec.0253)	U	S17-067	Lys	k	2	UU	r	2	ss	O1P:NZ(2.76) O2P:NZ(2.78)
v	1	G	16S-0249(ec.0254)	G	S17-067	Lys	k	2	UU	r	2	bk	O1P:O(2.1) O1P:N(3.64)
v	2	g	16S-0260(ec.0265)	G	S17-067	Lys	k	2	UU	r	2	bk	O2*:N(3.29)
-	3	O	16S-0271(ec.0276)	G	S17-068	Arg	O	3	UU	O	3	ss	O3*:NH1(2.88)
-	4	o	16S-0272(ec.0277)	C	S17-068	Arg	O	3	UU	O	3	ss	O1P:NH2(2.59) O1P:NH1(3.39)
v	1	G	16S-0249(ec.0254)	G	S17-068	Arg	O	3	UU	O	3	bk	O1P:O(3.27)
-	1	G	16S-0249(ec.0254)	G	S17-069	Lys	o	4	UU	o	4	ss	O3*:NZ(3.19)
-	2	g	16S-0250(ec.0255)	G	S17-069	Lys	o	4	UU	o	4	ss	O1P:NZ(2.81)
-	4	o	16S-0229(ec.0234)	C	S17-070	Arg	o	4	UU	o	4	ss	O3*:NE(3.2)
v	4	o	16S-0230(ec.0235)	C	S17-070	Arg	o	4	UU	o	4	ss	O1P:NE(3.37)
s	5	-	16S-0189(ec.0189)	U	S17-072	Arg	o	4	UU	o	4	ss	N3:NH1(3.46) O4:NH2(3.39) N3:NH2(3.62)
v	4	o	16S-0275(ec.0280)	C	S17-091	Arg	o	4	VV	o	4	ss	N4:NH1(3.42)
-	4	o	16S-0565(ec.0582)	U	S17-094	Asn	o	4	VV	o	4	ss	O2*:ND2(3.49)
v	1	A	16S-0566(ec.0583)	A	S17-094	Asn	o	4	VV	o	4	ss	O4*:ND2(3.31)
v	4	o	16S-0743(ec.0760)	G	S17-094	Asn	o	4	VV	o	4	ss	N2:OD1(3.21)
-	4	o	16S-0274(ec.0279)	A	S17-095	Tyr	o	4	VV	o	4	ss	O2P:OH(2.43) O5*:OH(3.18)
v	4	o	16S-0274(ec.0279)	A	S17-098	Leu	-	5	VV	-	5	bk	N1:O(2.99)
v	3	O	16S-0242(ec.0247)	G	S17-099	Ser	-	5	VV	-	5	bk	O2P:O(3.48)
-	4	o	16S-0873(ec.0896)	C	S17-100	Lys	-	5	VV	-	5	ss	O1P:NZ(3.39)
v	2	g	16S-0744(ec.0761)	G	S17-103	Gly	-	5	VV	-	5	bk	O2*:O(3.31) O4*:O(2.25) N9:O(3.61) O4*:N(3.47)
v	4	o	16S-0743(ec.0760)	G	S17-103	Gly	-	5	VV	-	5	bk	N1:O(3.1) N3:O(3.04) N2:O(2.6)
v	2	g	16S-0744(ec.0761)	G	S17-104	Lys	-	5	VV	-	5	sb	O2*:NZ(3.3) N9:O(3.31) O2*:N(3.27) N3:O(3.38) O4*:O(3.49)
v	4	o	16S-0743(ec.0760)	G	S17-104	Lys	-	5	VV	-	5	bk	N2:N(3.53) O6:O(3.43) N1:O(2.43) N2:O(3.17)
-	1	G	16S-0564(ec.0581)	G	S17-105	Ala	-	5	VV	-	5	bk	O2*:O(2.53)
v	4	o	16S-0565(ec.0582)	U	S17-105	Ala	-	5	VV	-	5	sb	O4*:O(3.7) O4*:OXT(3.01)
b	4	o	16S-0702(ec.0719)	C	S18-050	Ile	-	-	BB	-	-	bk	O2*:N(3.31) O2*:O(2.46) O2:N(2.67)
-	4	o	16S-0817(ec.0834)	C	S18-053	Arg	-	-	BB	-	-	ss	O1P:NH2(3.65)
-	2	g	16S-0819(ec.0836)	G	S18-061	Lys	-	-	BB	-	-	ss	O1P:NZ(2.96)
-	4	o	16S-0646(ec.0663)	A	S18-061	Lys	-	-	BB	-	-	ss	O1P:NZ(3.55)
-	4	o	16S-0818(ec.0835)	U	S18-061	Lys	-	-	BB	-	-	bk	O1P:N(3.47)
-	2	c	16S-0703(ec.0720)	C	S18-063	Gln	-	-	BB	-	-	ss	O2*:NE2(3.1)
-	1	G	16S-0647(ec.0664)	G	S18-064	Arg	-	-	BB	-	-	ss	O1P:NH1(2.64)
-	4	o	16S-0646(ec.0663)	A	S18-064	Arg	-	-	BB	-	-	ss	O3*:NH1(2.77)
-	4	o	16S-0817(ec.0834)	C	S18-064	Arg	-	-	BB	-	-	ss	O3*:NH2(3.41)
-	4	o	16S-0818(ec.0835)	U	S18-064	Arg	-	-	BB	-	-	ss	O1P:NH2(2.34)
-	4	o	16S-0719(ec.0736)	C	S18-068	Lys	-	-	BB	-	-	ss	O2P:NZ(3.07)
-	4	o	16S-0717(ec.0734)	G	S18-071	Lys	-	-	BB	-	-	ss	O3*:NZ(3.63)
b	2	c	16S-0703(ec.0720)	C	S18-071	Lys	-	-	BB	-	-	ss	O2:NZ(3.03)
-	4	o	16S-0719(ec.0736)	C	S18-072	Arg	-	-	BB	-	-	ss	O1P:NE(2.96) O1P:NH2(3.42)
b	4	o	16S-0702(ec.0719)	C	S18-074	Arg	-	-	BB	-	-	ss	O2:NH2(2.95) N3:NH1(2.76)
v	2	a	16S-0701(ec.0718)	G	S18-074	Arg	-	-	BB	-	-	ss	O6:NH1(2.87)
b	2	a	16S-0701(ec.0718)	G	S18-081	Phe	-	-	BB	-	-	bk	N1:O(2.94) N2:O(3.47)
b	4	o	16S-1293(ec.1312)	G	S19-002	Pro	o	4	UU	o	4	bk	N7:O(3.51) O6:O(2.94)
v	4	o	16S-1292(ec.1311)	G	S19-002	Pro	o	4	UU	o	4	bk	O6:O(3.53)
v	4	o	16S-1293(ec.1312)	G	S19-003	Arg	r	2	UU	r	2	bk	N7:O(2.92)
b	4	o	16S-1294(ec.1313)	U	S19-004	Ser	o	4	UU	o	4	ss	O4:OG(2.34)
v	4	o	16S-1293(ec.1312)	G	S19-004	Ser	o	4	UU	o	4	ss	N7:OG(3.57) O6:OG(2.95)
v	4	o	16S-1295(ec.1314)	C	S19-004	Ser	o	4	UU	o	4	bk	N4:O(3.25)
-	1	U	16S-1296(ec.1315)	U	S19-006	Lys	o	4	UU	o	4	ss	O2P:NZ(2.68)
b	1	G	16S-1297(ec.1316)	G	S19-006	Lys	o	4	UU	o	4	ss	O6:NZ(3.68)
-	4	o	16S-1295(ec.1314)	C	S19-007	Lys	o	4	UU	R	1	ss	O2P:NZ(3.65)
-	5	-	16S-0992(ec.1014)	A	S19-018	Lys	o	4	UU	r	2	ss	O2P:NZ(3.34) O1P:NZ(3.28)
s	5	-	16S-0992(ec.1014)	A	S19-034	Trp	o	4	UU	h	2	ss	N3:NE1(3.55) N1:NE1(3.4)
b	4	o	16S-1301(ec.1320)	C	S19-036	Arg	R	1	UU	R	1	ss	O2:NH1(2.58) N3:NH1(2.78)
v	2	u	16S-1302(ec.1321)	C	S19-036	Arg	R	1	UU	R	1	ss	O2:NH1(3.06)
b	1	A	16S-0955(ec.0978)	A	S19-037	Arg	o	4	UU	o	4	ss	N3:NH1(3.52) O2*:NH2(3.32)
-	1	G	16S-1202(ec.1221)	G	S19-037	Arg	o	4	UU	o	4	ss	O2P:NH2(3.44)
v	1	A	16S-1299(ec.1318)	A	S19-037	Arg	o	4	UU	o	4	ss	N3:NH1(3.6)
v	2	u	16S-1302(ec.1321)	C	S19-037	Arg	o	4	UU	o	4	ss	N4:NH2(3.28) N4:NH1(3.04)
v	4	o	16S-1301(ec.1320)	C	S19-037	Arg	o	4	UU	o	4	ss	N4:NE(3.39)
b	4	o	16S-0963(ec.0986)	A	S19-052	Tyr	o	4	UU	o	4	ss	N3:OH(2.76) O2*:OH(3.23)
v	4	o	16S-0964(ec.0987)	G	S19-052	Tyr	o	4	UU	o	4	ss	O4*:OH(3.3)
v	1	A	16S-0935(ec.0958)	A	S19-053	Asn	o	4	UU	q	2	bk	N6:O(3.6)
v	1	G	16S-1202(ec.1221)	G	S19-053	Asn	o	4	UU	q	2	bk	O4*:O(3.29)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
b	1	G	16S-1201(ec.1220)	G	S19-054	Gly	G	1	UU	G	1	bk	N2:O(2.57) N3:O(3.66)
v	1	A	16S-0935(ec.0958)	A	S19-054	Gly	G	1	UU	G	1	bk	N1:O(3.29)
v	4	o	16S-0963(ec.0986)	A	S19-054	Gly	G	1	UU	G	1	bk	N3:O(3.22)
-	1	A	16S-0935(ec.0958)	A	S19-055	Lys	o	4	UU	O	3	ss	O4*:NZ(3.19)
v	4	o	16S-0963(ec.0986)	A	S19-055	Lys	o	4	UU	O	3	bk	O2*:O(3.01)
-	1	A	16S-1300(ec.1319)	A	S19-070	Lys	o	4	UU	o	4	ss	O1P:NZ(3.19)
-	4	o	16S-1301(ec.1320)	C	S19-070	Lys	o	4	UU	o	4	ss	O1P:NZ(3.02)
v	4	o	16S-1301(ec.1320)	C	S19-072	Gly	O	3	UU	O	3	bk	O2:O(3.24)
v	4	o	16S-1301(ec.1320)	C	S19-073	Glu	e	2	UU	E	1	bk	O2:N(3.63)
-	1	G	16S-1202(ec.1221)	G	S19-077	Thr	O	3	UU	S	1	ss	O3*:OG1(3.04)
b	1	A	16S-0935(ec.0958)	A	S19-077	Thr	O	3	UU	S	1	bk	N6:O(3.3)
v	1	A	16S-0936(ec.0959)	A	S19-077	Thr	O	3	UU	S	1	bk	N6:O(3.68)
v	1	G	16S-1203(ec.1222)	G	S19-077	Thr	O	3	UU	S	1	ss	O1P:OG1(3.56)
-	1	G	16S-1203(ec.1222)	G	S19-078	Arg	o	4	UU	o	4	ss	O1P:NE(3.5)
-	1	G	16S-1303(ec.1322)	C	S19-078	Arg	o	4	UU	o	4	ss	O1P:NH2(2.54) O2P:NH2(3.61)
-	4	o	16S-1205(ec.1224)	G	S19-078	Arg	o	4	UU	o	4	ss	O2*:NH1(3.59) O3*:NH1(3.15)
-	4	o	16S-1206(ec.1225)	A	S19-078	Arg	o	4	UU	o	4	ss	O5*:NH1(3.48) O4*:NH1(2.93)
v	1	C	16S-1204(ec.1223)	C	S19-078	Arg	o	4	UU	o	4	ss	O2P:NH2(3.04) O1P:NH1(2.9)
v	2	u	16S-1302(ec.1321)	C	S19-078	Arg	o	4	UU	o	4	ss	O3*:NH2(3.56)
-	1	U	16S-0933(ec.0956)	U	S19-079	Thr	o	4	UU	o	4	bk	O2*:O(3.56)
-	1	U	16S-0934(ec.0957)	U	S19-079	Thr	o	4	UU	o	4	ss	O3*:OG1(3.68)
-	1	A	16S-1208(ec.1227)	A	S19-080	Tyr	o	4	UU	o	4	ss	O1P:OH(2.47)
-	1	C	16S-1207(ec.1226)	C	S19-080	Tyr	o	4	UU	o	4	ss	O2*:OH(3.69)
b	1	G	16S-0097(ec.0104)	G	S20-014	Lys	-	-	BB	-	-	ss	O6:NZ(3.26) N7:NZ(2.63)
b	2	g	16S-0100(ec.0107)	G	S20-015	Arg	-	-	BB	-	-	ss	N7:NH2(2.89) O6:NE(2.83) O6:NH2(3.67)
s	4	o	16S-0101(ec.0108)	G	S20-015	Arg	-	-	BB	-	-	ss	N1:NE(3.61)
v	1	C	16S-0099(ec.0106)	C	S20-015	Arg	-	-	BB	-	-	ss	N4:NH2(3.64)
-	4	o	16S-0328(ec.0333)	G	S20-016	His	-	-	BB	-	-	ss	O2*:NE2(3.03)
-	4	o	16S-0095(ec.0102)	G	S20-017	Arg	-	-	BB	-	-	ss	O1P:NH2(3.17) O1P:NH1(3.54)
-	4	o	16S-0096(ec.0103)	C	S20-017	Arg	-	-	BB	-	-	ss	O2P:NH1(2.48) O1P:NH1(2.73)
-	1	G	16S-0097(ec.0104)	G	S20-018	Gln	-	-	BB	-	-	ss	O2P:NE2(3.07)
-	1	G	16S-0097(ec.0104)	G	S20-021	Lys	-	-	BB	-	-	ss	O1P:NZ(3.31) O2P:NZ(3.58)
v	4	o	16S-0096(ec.0103)	G	S20-021	Lys	-	-	BB	-	-	ss	O3*:NZ(3.67)
-	1	C	16S-0098(ec.0105)	G	S20-022	Arg	-	-	BB	-	-	ss	O1P:NH2(3.31)
-	1	G	16S-0319(ec.0324)	G	S20-022	Arg	-	-	BB	-	-	ss	O1P:NH1(3.08) O5*:NH1(3.6)
v	2	c	16S-0169(ec.0175)	C	S20-025	Arg	-	-	BB	-	-	ss	O4*:NH1(3.65)
-	1	G	16S-0319(ec.0324)	G	S20-026	Asn	-	-	BB	-	-	ss	O1P:ND2(3.37)
-	1	U	16S-0318(ec.0323)	U	S20-026	Asn	-	-	BB	-	-	ss	O1P:ND2(3.09)
-	4	o	16S-1437(ec.1460)	A	S20-027	Lys	-	-	BB	-	-	ss	O2P:NZ(2.99) O1P:NZ(2.66)
v	5	-	16S-1436(ec.1459)	C	S20-027	Lys	-	-	BB	-	-	ss	O3*:NZ(3.05)
-	4	o	16S-0170(ec.0176)	C	S20-029	Lys	-	-	BB	-	-	ss	O1P:NZ(2.56)
-	4	o	16S-1436(ec.1459)	C	S20-031	Ser	-	-	BB	-	-	ss	O1P:OG(2.93)
-	5	-	16S-1435(ec.1455)	G	S20-031	Ser	-	-	BB	-	-	ss	O3*:OG(3.24)
v	5	-	16S-1435(ec.1455)	G	S20-032	Ala	-	-	BB	-	-	bk	O1P:N(3.62)
-	4	o	16S-1420(ec.1438)	G	S20-034	Lys	-	-	BB	-	-	ss	O2P:NZ(3.55)
-	5	-	16S-1435(ec.1455)	G	S20-035	Thr	-	-	BB	-	-	ss	O1P:OG1(2.65)
-	4	o	16S-1421(ec.1439)	C	S20-038	Lys	-	-	BB	-	-	ss	O2P:NZ(3.04) O1P:NZ(2.9)
-	5	-	16S-1433(ec.1453)	G	S20-039	Lys	-	-	BB	-	-	ss	O3*:NZ(3.5)
-	5	-	16S-1434(ec.1454)	G	S20-039	Lys	-	-	BB	-	-	ss	O1P:NZ(3.41)
b	5	-	16S-0198(ec.0192)	U	S20-060	Glu	-	-	BB	-	-	ss	O2:OE1(2.51)
v	5	-	16S-0199(ec.0193)	C	S20-060	Glu	-	-	BB	-	-	ss	O4*:OE1(2.71) O4*:OE2(3.44)
-	5	-	16S-0200(ec.0194)	C	S20-061	Ser	-	-	BB	-	-	ss	O1P:OG(2.44)
v	5	-	16S-0199(ec.0193)	C	S20-061	Ser	-	-	BB	-	-	ss	O3*:OG(3.5)
-	5	-	16S-0199(ec.0193)	C	S20-064	Asp	-	-	BB	-	-	ss	O2*:OD2(2.71)
-	4	o	16S-0171(ec.0177)	C	S20-065	Lys	-	-	BB	-	-	ss	O2P:NZ(3.43) O1P:NZ(2.83)
-	4	o	16S-0172(ec.0178)	C	S20-065	Lys	-	-	BB	-	-	ss	O2P:NZ(2.85)
-	5	-	16S-0200(ec.0194)	C	S20-068	Lys	-	-	BB	-	-	ss	O2*:NZ(3.01)
-	5	-	16S-0201(ec.0195)	A	S20-068	Lys	-	-	BB	-	-	ss	O4*:NZ(3.05)
-	1	A	16S-0320(ec.0325)	A	S20-070	Ser	-	-	BB	-	-	ss	O2P:OG(3.29)
-	1	G	16S-0319(ec.0324)	G	S20-070	Ser	-	-	BB	-	-	ss	O1P:OG(3.28)
-	1	A	16S-0320(ec.0325)	A	S20-074	Lys	-	-	BB	-	-	ss	O3*:NZ(3.66)
-	2	u	16S-0127(ec.0133)	U	S20-074	Lys	-	-	BB	-	-	ss	O1P:NZ(2.98)
-	4	o	16S-0126(ec.0132)	C	S20-074	Lys	-	-	BB	-	-	ss	O3*:NZ(3.18)
-	2	a	16S-0257(ec.0262)	A	S20-075	Asn	-	-	BB	-	-	ss	O2*:ND2(2.98) O3*:ND2(3.13)
-	4	o	16S-0126(ec.0132)	C	S20-075	Asn	-	-	BB	-	-	ss	O1P:ND2(3.37)
b	1	U	16S-0256(ec.0261)	U	S20-079	Arg	-	-	BB	-	-	ss	O2P:NH2(2.46) O4:NE(3.63)
-	4	o	16S-0258(ec.0263)	A	S20-079	Arg	-	-	BB	-	-	ss	O2P:NH1(2.97) O1P:NH1(3.68)
b	5	-	16S-0179(ec.-NH-)	A	S20-081	Lys	-	-	BB	-	-	ss	N3:NZ(2.68) O2*:NZ(3.23)
v	5	-	16S-0180(ec.-NH-)	C	S20-082	Ser	-	-	BB	-	-	bk	O2*:N(3.38)
b	1	U	16S-0256(ec.0261)	U	S20-083	Arg	-	-	BB	-	-	ss	O4:NH2(3.29)
b	3	O	16S-0255(ec.0260)	G	S20-083	Arg	-	-	BB	-	-	ss	O2P:NH1(3.02) N7:NH2(3.63)
v	2	g	16S-0254(ec.0259)	G	S20-083	Arg	-	-	BB	-	-	ss	O2P:NE(3.68)
-	5	-	16S-0180(ec.-NH-)	C	S20-085	Met	-	-	BB	-	-	ss	O2*:SD(2.99)

Sorted by rProteins and rRNAs

RNA-Protein Interactions in the Small Ribosomal Subunit

NI	NC	Ncon	rRNA	Nuc	rProteins	AA	Acon	AC	Block	Ccon	CC	AI	RNA-Protein Interactions
v	5	-	16S-0181(ec.-NH-)	C	S20-085	Met	-	-	BB	-	-	ss	O4*:SD(3.6)
-	5	-	16S-0182(ec.-NH-)	C	S20-086	Arg	-	-	BB	-	-	ss	O1P:NE(3.55)
v	5	-	16S-0181(ec.-NH-)	C	S20-086	Arg	-	-	BB	-	-	ss	O1P:NH1(3.27)
-	2	g	16S-0254(ec.0259)	G	S20-087	Lys	-	-	BB	-	-	ss	O1P:NZ(2.75)
v	5	-	16S-0181(ec.-NH-)	C	S20-089	Arg	-	-	BB	-	-	ss	O2:NH2(3.53) O2*:NE(3.25) O2*:NH2(3.61)
v	5	-	16S-0182(ec.-NH-)	C	S20-089	Arg	-	-	BB	-	-	ss	O4*:NH2(3.48) O2*:NH1(3.64) O4*:NH1(2.7)
-	5	-	16S-0197(ec.0191)	G	S20-101	Gly	-	-	BB	-	-	bk	O2*:O(2.48)
-	5	-	16S-0197(ec.0191)	G	S20-102	Gly	-	-	BB	-	-	bk	O2*:O(2.7)
v	5	-	16S-0198(ec.0192)	U	S20-102	Gly	-	-	BB	-	-	bk	O4*:O(2.54)
v	5	-	16S-0198(ec.0192)	U	S20-103	Gly	-	-	BB	-	-	bk	O4*:N(3.63)
b	5	-	16S-0181(ec.-NH-)	C	S20-105	Ser	-	-	BB	-	-	bk	O2:N(2.68)
b	5	-	16S-0196(ec.-NH-)	U	S20-105	Ser	-	-	BB	-	-	ss	N3:OG(2.45) O2:OG(2.72)
v	5	-	16S-0182(ec.-NH-)	C	S20-105	Ser	-	-	BB	-	-	ss	O2:OG(3.08)
v	5	-	16S-0197(ec.0191)	G	S20-105	Ser	-	-	BB	-	-	bk	N3:N(3.41)
v	5	-	16S-0196(ec.-NH-)	U	S20-106	Ala	-	-	BB	-	-	ss	O2:OXT(3.55)
-	2	g	16S-1285(ec.1304)	G	S31e-002	Gly	-	-	BB	-	-	bk	O1P:N(3.09)
v	1	g	16S-1286(ec.1305)	G	S31e-002	Gly	-	-	BB	-	-	bk	O1P:O(3.55) O2P:N(3.26) O1P:N(2.42)
-	1	A	16S-1217(ec.1236)	A	S31e-003	Lys	-	-	BB	-	-	bk	O1P:N(2.98)
-	2	c	16S-1333(ec.1352)	C	S31e-003	Lys	-	-	BB	-	-	ss	O1P:NZ(2.51) O2P:NZ(3.12)
-	2	g	16S-1334(ec.1353)	G	S31e-003	Lys	-	-	BB	-	-	ss	O2P:NZ(3.5)
-	1	G	16S-1286(ec.1305)	G	S31e-004	Gly	-	-	BB	-	-	bk	O1P:N(3.43)
v	1	G	16S-1286(ec.1305)	G	S31e-005	Asp	-	-	BB	-	-	sb	O2P:N(3.61) N7:OD2(3.03)
v	4	o	16S-1307(ec.1326)	C	S31e-006	Arg	-	-	BB	-	-	ss	O2P:NH1(2.66)
v	4	o	16S-1308(ec.1327)	C	S31e-006	Arg	-	-	BB	-	-	ss	N4:NH2(3.63)
b	4	o	16S-1310(ec.1329)	A	S31e-007	Arg	-	-	BB	-	-	ss	O2P:NH1(2.98) N7:NH2(3.49)
v	4	o	16S-1225(ec.1244)	C	S31e-009	Arg	-	-	BB	-	-	bk	O1P:N(3.49)
-	4	o	16S-1223(ec.1242)	C	S31e-010	Arg	-	-	BB	-	-	ss	O1P:NH1(2.74)
v	4	o	16S-1224(ec.1243)	C	S31e-010	Arg	-	-	BB	-	-	ss	O2P:NE(3.62)
-	4	o	16S-1307(ec.1326)	C	S31e-012	Lys	-	-	BB	-	-	ss	O5*:NZ(3.12) O1P:NZ(2.37)
-	4	o	16S-1308(ec.1327)	C	S31e-012	Lys	-	-	BB	-	-	ss	O2P:NZ(3.24)
-	1	U	16S-1216(ec.1235)	U	S31e-014	Trp	-	-	BB	-	-	ss	O1P:NE1(3.18)
v	4	o	16S-1306(ec.1325)	C	S31e-015	Arg	-	-	BB	-	-	ss	O1P:NH2(3.41) O2P:NH2(3.37) O1P:NE(2.87)
v	4	o	16S-1307(ec.1326)	C	S31e-015	Arg	-	-	BB	-	-	ss	O2P:NH1(3.07)
-	4	o	16S-1307(ec.1326)	C	S31e-017	Thr	-	-	BB	-	-	ss	O1P:OG1(2.99)
-	5	-	16S-1266(ec.1285)	A	S31e-018	Tyr	-	-	BB	-	-	ss	O2P:OH(3.21)
b	5	-	16S-1267(ec.1286)	A	S31e-018	Tyr	-	-	BB	-	-	ss	N3:OH(2.83)
-	2	c	16S-1309(ec.1328)	C	S31e-020	Lys	-	-	BB	-	-	ss	O1P:NZ(2.69)
-	4	o	16S-1308(ec.1327)	C	S31e-020	Lys	-	-	BB	-	-	ss	O3*:NZ(3.08)
b	4	o	16S-1248(ec.1267)	C	S31e-020	Lys	-	-	BB	-	-	ss	O2:NZ(3.11)
-	2	c	16S-1309(ec.1328)	C	S31e-021	Tyr	-	-	BB	-	-	ss	O1P:OH(2.64) O2P:OH(2.94)
v	4	o	16S-1308(ec.1327)	C	S31e-021	Tyr	-	-	BB	-	-	bk	O1P:N(3.26)
b	5	-	16S-1267(ec.1286)	A	S31e-022	Arg	-	-	BB	-	-	ss	N3:NH2(3.13)
-	5	-	16S-1267(ec.1286)	A	S31e-025	Lys	-	-	BB	-	-	ss	O3*:NZ(3.2)

Legend for RNA-protein interactions in the high-resolution crystal structures of the ribosomal subunits:

- NI/AI: location of interactions on nucleotides and amino acids, respectively
 Nucleotides: either H-bond with base (b) and backbone (-) or have van der Waals (v) and stacking (s) interactions
 Amino acids: interact with side chain (ss) and backbone (bk)
- NC/AC/CC: conservation categories of nucleotides and normal or collapsed amino acids, respectively
 1 for >98% conservation
 2 for 90-98% conservation
 3 for 80-90% conservation
 4 for <80% conservation
 5 for insertions or deletions
- Ncon/Acon/Ccon: conservation information of nucleotide positions and normal or collapsed amino acid positions, respectively
- Nuc/AA: nucleotides and amino acids in rRNAs and rproteins, respectively
- Block: protein blocks in sequence alignments
 UU for universal presence in three domains
 BB for presence only in Bacteria
 AA for presence only in Archaea
 AE for presence in Archaea and Eukaryotes
 VV for regions that are not aligned completely

Sorted by rProteins and rRNAs