

Table S3: RBP binding sites

RNA binding protein	Consensus binding site	Reference
A1CF	[AT]TAATT[AG]	Nature. 2013 Jul 11;499(7457):172-7
ANKHD1	AGACG[AT][AT]	Nature. 2013 Jul 11;499(7457):172-7
BRUNOL4	[GT]GTGT[GT][GT]	Nature. 2013 Jul 11;499(7457):172-7
CPEB2	C[ACT]TTTTT	Nature. 2013 Jul 11;499(7457):172-7
DAZAP1	TAG[GT][AT][AT][AG]	Nature. 2013 Jul 11;499(7457):172-7
FMR1	[GT]GACA[AG]G	Nature. 2013 Jul 11;499(7457):172-7
FUS	CGCGC	Nature. 2013 Jul 11;499(7457):172-7
SRSF10	AGAGA[ACG][AC]	Nature. 2013 Jul 11;499(7457):172-7
FXR2	[AGT]GAC[AG][AG][AG]	Nature. 2013 Jul 11;499(7457):172-7
G3BP2	AGGAT[AGT][AG]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPA1	[AGT]TAGGG[AT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPA1L2	[AGT]TAGGG[AT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPA2B1	[AGT]TAGGG[AT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPC	[ACT]TTTTT[GT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPK	CCA[AT][AC]CC	Nature. 2013 Jul 11;499(7457):172-7
HNRNPL	A[AC]A[CT]A[AC]A	Nature. 2013 Jul 11;499(7457):172-7
HuR	TT[AGT]TTTT	Nature. 2013 Jul 11;499(7457):172-7
IGF2BP2	[ACG][AC]A[ACT][AT]CA	Nature. 2013 Jul 11;499(7457):172-7
KHDRBS3	ATAAA[ACG]	Nature. 2013 Jul 11;499(7457):172-7
LIN28A	[ACT]GGAG[AT]A	Nature. 2013 Jul 11;499(7457):172-7
MATR3	[AC]ATCTT[AG]	Nature. 2013 Jul 11;499(7457):172-7
MBNL1	GCTTGC	Nature. 2013 Jul 11;499(7457):172-7
MSI1	TAGT[AT][AG]G	Nature. 2013 Jul 11;499(7457):172-7
PABPC4	AAAAAA[AG]	Nature. 2013 Jul 11;499(7457):172-7
PCBP2	CC[CT][CT]CC[ACT]	Nature. 2013 Jul 11;499(7457):172-7
PPRC1	[GC][GC]GCGC[GC]	Nature. 2013 Jul 11;499(7457):172-7
QKI	ACTAAC[ACG]	Nature. 2013 Jul 11;499(7457):172-7
RBM28	G[AT]GTAG[AGT]	Nature. 2013 Jul 11;499(7457):172-7
RBM3	[AG]A[AGT]AC[GT]A	Nature. 2013 Jul 11;499(7457):172-7
RBM4	GCGCG[GC][GC]	Nature. 2013 Jul 11;499(7457):172-7
RBM41	[AT]TAC[AT]T[GT]	Nature. 2013 Jul 11;499(7457):172-7
RBM46	[AG]AT[GC]A[AT][AGT]	Nature. 2013 Jul 11;499(7457):172-7
RBM5	GA[AG]GG[AT][AG]	Nature. 2013 Jul 11;499(7457):172-7
RBM8A	[AG][CT]GCGC[CGT]	Nature. 2013 Jul 11;499(7457):172-7
RBMS3	[AC]TATA[GT][AC]	Nature. 2013 Jul 11;499(7457):172-7
SAMD4A	GC[GT]GG[ACT][AC]	Nature. 2013 Jul 11;499(7457):172-7
SART3	A[AG]AAAA[AC]	Nature. 2013 Jul 11;499(7457):172-7
SRSF9	[GT]G[AG][AT]G[GC][AC]	Nature. 2013 Jul 11;499(7457):172-7
SNRNP70	[AG][AT]TCAAG	Nature. 2013 Jul 11;499(7457):172-7
SNRPA	[AT]TGCAC[AG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF2	GGAG[AT][AGT]	Nature. 2013 Jul 11;499(7457):172-7
SRSF7	ACGACG	Nature. 2013 Jul 11;499(7457):172-7
SRSF9	A[GT]GA[ACG][AC][AG]	Nature. 2013 Jul 11;499(7457):172-7
TUT1	[AC][AG]ATACT	Nature. 2013 Jul 11;499(7457):172-7
TARDBP	GAATG[AGT]	Nature. 2013 Jul 11;499(7457):172-7

TIA1	TTTTT[CGT][GT]	Nature. 2013 Jul 11;499(7457):172-7
U2AF2	TTTTT[CT]C	Nature. 2013 Jul 11;499(7457):172-7
YBX1	AACATC	Nature. 2013 Jul 11;499(7457):172-7
YBX2	AACA[AT]C[AGT]	Nature. 2013 Jul 11;499(7457):172-7
ZC3H10	[GC][GC]AGCG[AC]	Nature. 2013 Jul 11;499(7457):172-7
ZC3H14	TTT[AGT]TTT	Nature. 2013 Jul 11;499(7457):172-7
ZCRB1	G[AG][ACT]TTAA	Nature. 2013 Jul 11;499(7457):172-7
SRSF10	A[AG]AG[AG][AG][AG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF10	AGAGA[AG][AG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF10	AGAGA[ACG][ACG]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPL	ACAC[AG]A[ACG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	G[AG]AGGA	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	GGAGGA	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	GGA[GC]G[AG][ACG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	GGA[GC]G[AG][ACG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	AGGA[GC][AC]	Nature. 2013 Jul 11;499(7457):172-7
HuR	TT[AT]GTTT	Nature. 2013 Jul 11;499(7457):172-7
RBM4	GCGCG[GC]G	Nature. 2013 Jul 11;499(7457):172-7
YBX1	AACATC[AGT]	Nature. 2013 Jul 11;499(7457):172-7
HuR	TTT[AG][GT]TT	Nature. 2013 Jul 11;499(7457):172-7
HuR	TT[GT][AG]TTT	Nature. 2013 Jul 11;499(7457):172-7
ENOX1	[ACT][AG][GT]ACAG	Nature. 2013 Jul 11;499(7457):172-7
ESRP2	TGGG[AG]A[AGT]	Nature. 2013 Jul 11;499(7457):172-7
RBM42	AACTA[AC]G	Nature. 2013 Jul 11;499(7457):172-7
RBMS1	[GT]ATATA[GC]	Nature. 2013 Jul 11;499(7457):172-7
PABPC3	[AG]AAAAC[AC]	Nature. 2013 Jul 11;499(7457):172-7
RBM5	[GC]AAGG[AG]G	Nature. 2013 Jul 11;499(7457):172-7
PABPC1	A[AG]AAAA[AC]	Nature. 2013 Jul 11;499(7457):172-7
CNOT4	GACAGA	Nature. 2013 Jul 11;499(7457):172-7
PABPN1	A[AG]AAGA	Nature. 2013 Jul 11;499(7457):172-7
CPEB4	TTTTTT	Nature. 2013 Jul 11;499(7457):172-7
RALY	TTTTTT[CGT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPH2	GGGAGGG	Nature. 2013 Jul 11;499(7457):172-7
FXR1	A[CT]GAC[AG]	Nature. 2013 Jul 11;499(7457):172-7
LIN28A	[CT]GGAGG[AG]	Nature. 2013 Jul 11;499(7457):172-7
SRSF1	GG[AG]GGA[ACG]	Nature. 2013 Jul 11;499(7457):172-7
ZNF638	[CGT]GTT[GC][GT]T	Nature. 2013 Jul 11;499(7457):172-7
TIA1	[AT]TTTTT[CGT]	Nature. 2013 Jul 11;499(7457):172-7
BRUNOL5	TGTGT[GT][GT]	Nature. 2013 Jul 11;499(7457):172-7
HNRNPCL1	[ACT]TTTTT[GT]	Nature. 2013 Jul 11;499(7457):172-7
RBFox1	[AT]GCATG[AC]	Nature. 2013 Jul 11;499(7457):172-7
KHDRBS1	ATAAAA[ACG]	Nature. 2013 Jul 11;499(7457):172-7
RBM6	[ACT]ATCCA[AG]	Nature. 2013 Jul 11;499(7457):172-7
PABPC5	AGAAA[AGT]T	Nature. 2013 Jul 11;499(7457):172-7
IGF2BP3	A[AC]A[ACT][AT]CA	Nature. 2013 Jul 11;499(7457):172-7
RBMS3	[ACT]ATATA	Nature. 2013 Jul 11;499(7457):172-7
MSI1	TAG[GT][AT][AG]G	Nature. 2013 Jul 11;499(7457):172-7

SFPQ	[GT]T[AG][AG]T[GT][GT]	Nature. 2013 Jul 11;499(7457):172-7
HNRPLL	[AG]CA[ACT]ACA	Nature. 2013 Jul 11;499(7457):172-7
RBM24	[AT]G[AT]GTG[AGT]	Nature. 2013 Jul 11;499(7457):172-7
KHDRBS2	[AG]ATAAAA[AC]	Nature. 2013 Jul 11;499(7457):172-7
PCBP1	CC[AT][AT][ACT]CC	Nature. 2013 Jul 11;499(7457):172-7
BRUNOL6	TGTG[AGT][GT]G	Nature. 2013 Jul 11;499(7457):172-7
RBM45	GACGA[AC][ACG]	Nature. 2013 Jul 11;499(7457):172-7
PTBP1	[ACT][CT]TTT[CT]T	Nature. 2013 Jul 11;499(7457):172-7
PTBP1	[ACT][CT]TTT[CT]T	Nature. 2013 Jul 11;499(7457):172-7
HuR	TTTTTT[GT]	Nature. 2013 Jul 11;499(7457):172-7
ESRP1	TGGTGG	Mol Cell Biol. 2012 Apr;32(8):1468-82
NOVA1	[CT]CA[CT]	Nature. 2006 Nov 30;444(7119):580-6
SRp20	[AT]C[AT][AT]C	RNA. 2012 May;18(5):1041-9
SRp20	CTC[GT]TC[CT]	RNA. 2012 May;18(5):1041-9
SF2/ASF	[AG]GAAGAAC	RNA. 2012 May;18(5):1041-9
SRp40	[CT][AG]C[AG][GT][AC]	RNA. 2012 May;18(5):1041-9
SRp55	[CT][CT][AT]C[AT][GC]G	RNA. 2012 May;18(5):1041-9
9G8	[AT]GGAC[AG]A	RNA. 2012 May;18(5):1041-9
PTB	CTCT[CT][CT]	RNA. 2012 May;18(5):1041-9
Tra2-beta	GAAAGAA	RNA. 2012 May;18(5):1041-9