

The following four tables contain detailed information about the CLIP and siRNA data integrated into FasterDB.

Splicing factor	Array data	CLIP data	Motifs
9G8			acgagagay, wggacra
CUG-BP			ygctyk, stgt
DAZAP1			aaatag
ESRP	✓		tgg
FOX2		✓	gcatg
FUS		✓	ggtg
HNRNPA1		✓	tagrsw
HNRNPA2B1		✓	gtagtag, aggatng
HNRNPAB			atagca
HNRNPC		✓	tttt
HNRNPF		✓	gtngtng, gtggat
HNRNPH1	✓	✓	dggg, ggygg
HNRNPL	✓		cacaca
HNRNPL_2			caca
HNRNPM		✓	ggttggtt
HNRNPU		✓	gtgtg
HuR	✓	✓	ttdttt
MBNL			ygcy
NOVA1			ycab
PTB	✓	✓	ctctct, tctt
QKI			actaa
RBM4	✓		gggg
SC35			tgcygyy, gryymsyr
SF2ASF			crsmgsw, tgrwgvh
SRP20			wewwc, ctcktcy
SRP40			yywewss
SRP55			yrerkm
TIA		✓	ttttt
TRA2A			gaagaggaag
TRA2B			aagtgtt, gaagaa, ghvvganr
YB1			caaccacaa

R = A or G, Y = C or T, K = G or T, M = A or C, S = C or G, W = A or T, B = C or G or T,  
D = A or G or T, H = A or C or T, V = A or C or G, N = A or C or G or T

Table 1: Summary of the available data for various splicing factors

Splicing factor	GEO	Contributors	PubMed
FOX2	UCSC Track	Yeo GW <i>et al.</i>	19136955
FUS	GSE40651	Yeo GW and Cleveland DW	2302393
hnRNP A1	GSE34993	Huelga SC and Yeo GW	22574288
hnRNP A2B1	GSE34993	Huelga SC and Yeo GW	22574288
hnRNP C	E-MTAB-1371	Zarnack <i>et al.</i>	23374342
hnRNP F	GSE34993	Huelga SC and Yeo GW	22574288
hnRNP H1	GSE23694	Katz Y <i>et al.</i>	21057496
hnRNP M	GSE34993	Huelga SC and Yeo GW	22574288
hnRNP U	GSE34993	Huelga SC and Yeo GW	22574288
hnRNP U	GSE34491	Xiao R <i>et al.</i>	22325991
HuR	GSE29943	Lebedeva S <i>et al.</i>	21723171
HuR	GSE29780	Mukherjee N	21723170
PTB	GSE19323	Xue Y <i>et al.</i>	20064465
TIA1	E-MTAB-432	Wang Z <i>et al.</i>	21048981
TIAL1	E-MTAB-432	Wang Z <i>et al.</i>	21048981

Table 2: Human CLIP data integrated into FasterDB

Splicing factor	GEO	Contributors	PubMed
FUS	GSE40651	Yeo GW and Cleveland DW	2302393
TDP43	GSE40651	Yeo GW and Cleveland DW	2302393
Tra2	UCSC Track	Grellscheid S <i>et al.</i>	22194695

Table 3: Mouse CLIP data integrated into FasterDB

siRNA target	GEO	Contributors	PubMed
ESRP	GSE17468	Warzecha CC <i>et al.</i>	19829082
HNRNP H	GSE12386	Xiao X	19749754
HNRNP L	GSE8945	Hung LH and Bindereif A	18073345
HuR	GSE29780	Mukherjee N	21723170
PTB	GSE23514	Llorian M <i>et al.</i>	20711188
RBM4	GSE32933	Markus MA <i>et al.</i>	-

Table 4: siRNA data integrated into FasterDB