

Supplementary Information: Table 1: RNA binding proteins studied by CLIP

RNABP	Method	Tissue/cell type	Principle findings	Reference
Nova	CLIP and HITS-CLIP	Mouse brain	Binding motif Biologically coherent targets RNA splicing map Regulation of poly(A) usage 3' UTR localization elements	(Ule et al. 2003) (Licatalosi et al. 2008) (Racca et al. 2010)
PTB	HITS-CLIP	HeLa cells	Binding motif RNA splicing map	(Xue et al. 2009)
Tagged-Khd1	HITS-CLIP	Saccharomyces cerevisiae	Binding motif Biologically coherent targets Discovery of role in translational regulation	(Wolf and Fink 2010)
hnRNP A1	CLIP	HeLa cells	Discovery of role in regulating pri-mRNA processing	(Guil and Caceres 2007)
Fox2	HITS-CLIP	Human embryonic stem cells	Biologically coherent targets RNA splicing map	(Yeo et al. 2009)
SFRS1	CLIP & HITS-CLIP	HEK293T cells	Binding motif Sites relevant to disease	(Sanford et al. 2008) (Sanford et al. 2009)
Tagged-Rrm4	CLIP	Filamentous fungus <i>Ustilago maydis</i>	Binding motif Localization of rrm4-RNPs	(Becht et al. 2006)
CUGBP1	CLIP	Mouse hindbrain	Binding motif Validation of splicing target	(Daughters et al. 2009)
Tagged-snRNPs	HITS-CLIP	Saccharomyces cerevisiae	Detailed mapping of protein-rRNA and snoRNA interaction sites	(Granneman et al. 2009) (Bohnsack et al. 2009)
Ro homologue Rsr	CLIP	Eubacterium <i>Deinococcus radiodurnas</i>	Discovery of interaction with rRNA	(Wurtmann and Wolin 2010)
hnRNP C	HITS-CLIP	HeLa cells	Binding motif RNA splicing map Discovery of hnRNP particle organization related to splicing	(Konig et al. 2010)
Ago	HITS-CLIP	Mouse brain; HeLa	Ago-miRNA binding sites defined	(Chi et al. 2009)
Tagged-Ago	PAR-CLIP	HEK293 cells	Ago-miRNA binding sites defined	(Hafner et al. 2010)
Alg-1	HITS-CLIP	<i>C. elegans</i>	Alg-1-miRNA binding sites defined	(Zisoulis et al. 2010)
Msy2	CLIP	Mouse seminiferous tubules	Discovery of interaction with piRNAs, other small RNAs	(Xu et al. 2009)