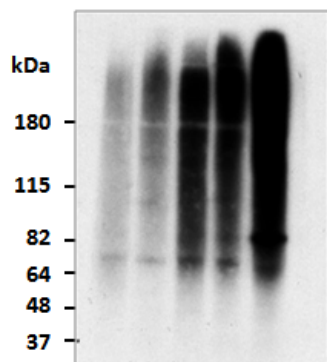


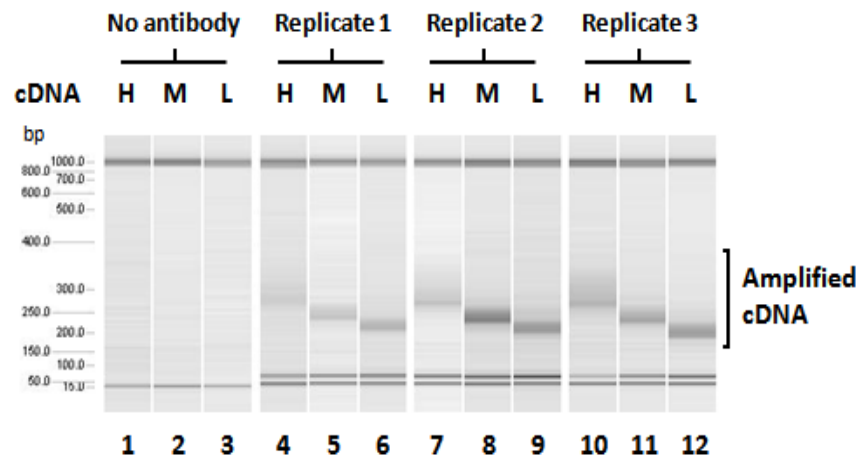
A

Lane	1	2	3	4	5
UV (150mJ/cm ²)	+	+	+	+	+
Protein	A	A	G	G	A
α-Sam68	-	-	-	-	+
α-SAFB1	+	+	+	+	-
RNase	H	L	H	L	L

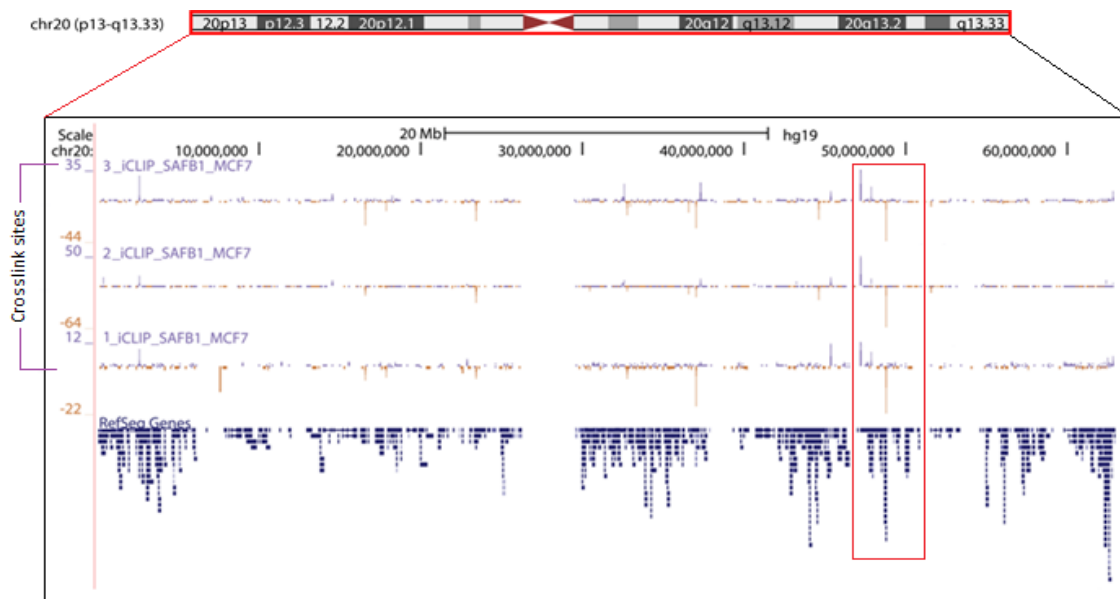


← SAFB1

B



C



A

RNAmap exon-intron

Top 10 junctions with largest x-link sites

position of [junction]	span (upstream; downstream)	associated gene	[x-link sites] (same; anti)
chr2:85133785@-	-173; 300	C2orf89	0; 101
chr5:76129052@+	-269; 287	F2RL1	87; 0
chr15:45490968@-	-165; 300	SHF	68; 0
chr7:139025365@+	-85; 256	C7orf55	66; 1
chr14:102453100@+	-300; 300	DYNC1H1	63; 0
chr11:62296095@-	-300; 300	AHNAK	62; 0
chr1:45241812@+	-253; 174	RPS8	51; 0
chr14:56079289@+	-277; 300	KTN1	46; 0
chr11:62288933@-	-61; 300	AHNAK	43; 0
chr17:38600336@+	-175; 300	IGFBP4	40; 0

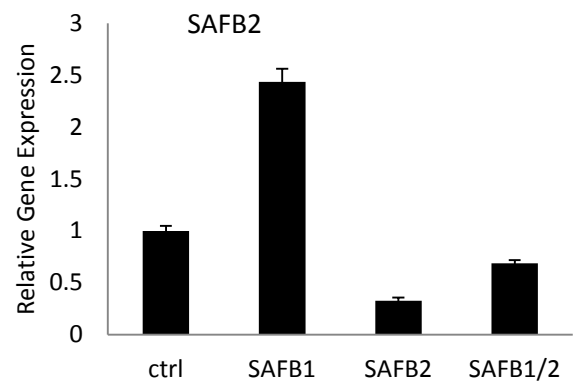
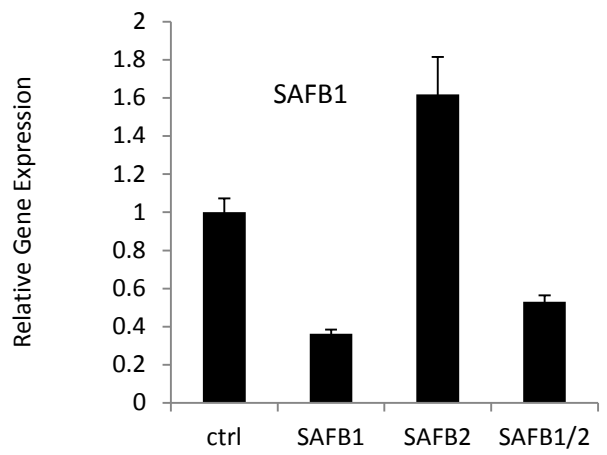
B

RNAmap 5-ncRNA

Top 10 junctions with largest x-link sites

position of [junction]	span (upstream; downstream)	associated gene	[x-link sites] (same; anti)
chr11:65269806@+	-1000; 29	MALAT1	220; 0
chr14:20811565@-	-1000; 166	RNaseP_nuc- ENSG00000252678	146; 1
chr9:35658013@-	-429; 132	RNase_MRP- ENSG00000199916	113; 2
chr10:17276831@-	-1000; 66	RP11-124N14.3	0; 111
chr3:58156362@-	-1000; 70	RP11-456N14.2	0; 103
chr16:3202679@-	-1000; 36	AC108134.5	0; 102
chr2:27273131@-	-1000; 42	AC013472.6	0; 101
chr11:62609280@-	-1000; 95	U2- ENSG00000222328	98; 1
chr6:28864306@+	-1000; 100	HCG14	1; 93
chr8:67025246@-	-1000; 36	AC084082.1	0; 84

Supplementary Figure 3



Supplementary Figure 4

