

Table S1. Amino acid properties, domain organization, and ascribed biological functions of proteins that form de novo nuclear bodies when tagged with YFP and overexpressed in HEK293 cells. Related to Figure 4D.

Gene Name	Length (AAs, w/o YFP)	Function	FCR	NCPR	Hydropathy	Disorder	Domains/Motifs (Uniprot)
CCNT1	726	P-TEFb complex, transcription elongation	0.213	0.012	3.798	0.697	Coiled-coil
HSF1	529	Stress-inducible transcription factor	0.216	-0.042	4.113	0.681	TAD, DNA-binding domain
MLLT3	568	Super elongation complex, transcription	0.305	0.012	3.477	0.739	YEATS
RNPS1	305	Splicing, exon junction complex	0.354	0.177	2.931	0.849	RRM
SART1	800	mRNA processing and splicing	0.385	-0.013	3.416	0.751	Coiled-coil (2)
TAF15	592	Splicing, RNA-binding, transcription	0.24	0.003	2.978	0.792	Zinc-finger, RRM, RGG box

FCR: Fraction of charged residues; NCPR: Net charge per residue

