

Table S1 Proteins present in Tn+ and Tn- mRNPs

Gene Symbol	Tn-E		dTn-E		M.W(kD)
	Unique	Total	Unique	Total	
hnRNPs					
hnRNPL	24	89	32	98	64
hnRNPU	22	51	30	69	91
hnRNPR	21	78	39	130	71
hnRNPUL2	21	50	14	16	85
hnRNPC	14	64	3	4	34
hnRNPUL1	12	47	21	35	96
hnRNPA2B1	10	71	10	32	37
hnRNPA1	8	39	10	39	39
hnRNPA3	7	28	17	32	40
hnRNPCL1	7	22	2	2	32
hnRNPD	7	12	8	13	38
hnRNPM	7	10	7	8	78
hnRNPA2B1	5	11	19	49	37
hnRNPA0	3	15	6	8	31
hnRNPH1	3	3	6	11	49
hnRNPA2B1	2	13	1	4	37
hnRNPH3	2	11	13	21	37
hnRNPA0	2	9	10	12	36
hnRNPF	2	2	5	8	46
hnRNPK	2	2	6	6	51
SR proteins					
SRSF1	6	17	12	23	28
SRSF6	5	15	7	8	40
SRSF7	5	14	5	9	27
SRSF3	4	13	5	7	19
SRSF2	4	10	2	3	25
SRSF4	3	5	4	8	57
SRSF15	2	9	3	4	126
SRSF2IP	2	2			165
SRSF9			4	4	26
SRSF10			3	3	31
Other Splicing regulators					
SRRM2	17	32	7	8	300
ELAVL1	10	29	6	7	36
KHSRP	10	28			73
RALY	8	20			32
SF3A1	8	14	6	6	89
SF3B2	8	11	4	4	100
RBM39	7	20	8	9	59

HIST1H1C	6	23	6	9	21
TRA2A	5	17	4	4	33
ZNF326	5	16	6	7	66
LUC7L2	5	15	4	4	47
RBM7	4	9	9	10	31
RBM45	4	6	9	10	54
ZNF326	3	6	5	5	66
CROP	6	18	8	15	51
RBMX	2	8	3	4	42
SF3B1	6	15	11	12	146
PUF60	3	5	4	4	60
SF3B3	2	6	3	3	136
SF3A2	2	3			49
TRA2B			7	8	34
RBMXL2			2	4	43
SNRPD1			4	6	13
U2AF2			3	3	54
SNRNP200			3	3	245
SR140			3	3	118
Other proteins					
ACACA	75	221	135	261	266
ILF3	28	171	56	209	95
DHX9	27	87	55	110	141
SKIV2L2	22	45	37	59	118
STRBP	19	74	41	78	74
ZFR	19	56	29	48	117
SYNCRIP	19	39	35	94	70
ADAR	17	52	36	55	136
ZC3H18	15	39	14	27	106
SNRNP70	13	52	23	37	52
SRRT	13	44	27	42	101
ACIN1	13	27	12	13	152
ILF2	12	40	27	78	43
DHX36	12	29			115
EXOSC10	11	19	10	11	101
ZCCHC8	10	38	12	24	79
DHX15	10	23	23	29	91
SNRPA	9	41	14	27	31
C17orf85	9	17	10	13	71
CCBL2	8	35	6	8	51
C17orf85	8	32	15	26	71
HSPA8	8	12	12	13	71
ZC3HAV1	7	23	13	17	101

FTSJD2	7	13	20	27	95
NCBP1	6	18	21	31	92
IGF2BP3	6	13	5	6	64
IGF2BP1	6	13	13	15	64
PRKDC	6	10	14	14	469
YBX1	5	24	8	13	36
NCBP2	5	23	7	8	18
ILF3	5	21	9	27	95
NUP214	5	13	4	4	214
LARP7	5	11			67
DICER1	5	11	13	14	219
THRAP3	5	6	5	6	109
MAP7	5	6			84
ZC3H18	4	22	2	4	106
RDBP	4	14	14	16	43
ACTA2	4	14	7	8	42
CSDA	4	12	10	10	40
MCM7	4	10	7	8	81
TUBA4A	4	8	7	9	50
STAU2	4	7	7	8	63
TUBB2C	4	7	10	12	50
RPS4X	4	7	7	9	30
SNRPD2	3	13	4	6	14
AKAP8	3	8			76
SNRPC	3	8	3	3	17
FARSA	3	8	4	5	58
KDM1	3	6	2	2	93
ZFC3H1	3	5	3	3	226
MOV10	3	5	5	5	114
EIF2AK2	3	5	14	15	62
DSP	3	5	28	31	332
RPS3	3	4			27
PHAX	3	4	2	2	44
TCOF1	3	4			152
BAT2D1	3	4			317
DDX5	3	4	6	6	69
HELZ	3	3	3	3	219
RANBP2	3	3			358
DSG1	3	3	12	13	114
MEPCE	2	7	5	5	74
KPNA2;LOC728860	2	6	5	5	58
PABPC1	2	6	7	7	71
PNN	2	6			81

RPS8	2	6	6	11	24
SSB	2	5	5	6	47
RPS14	2	5	4	5	16
SNRPB	2	4	7	7	24
ADARB1	2	4	13	22	81
RPS3A	2	4	4	6	30
KIAA1967	2	3	6	6	103
BAZ1B	2	3	2	2	171
SMARCA5	2	3			122
ADAR	2	2	5	6	136
IGF2BP3	2	2	11	14	64
GPATCH8	2	2			164
CDK9	2	2			43
NUP88	2	2			84
PNN	2	2			82
SAFB	2	2	5	5	103
RPS9			10	10	23
HRNR			8	11	282
MCM7			7	8	81
DIS3			7	7	109
PURA			5	7	35
ZCCHC8			5	6	79
SAFB2			5	6	107
PKP1			5	5	83
ACTBL2			4	6	42
RPS24			4	5	15
TUBB			4	5	50
CSDE1			4	4	89
DDX3X			4	4	73
PRPF38B			4	4	64
PL36AP37;HNRNPH2			3	4	
CCNT1			3	3	81
H1FX			3	3	22
NUSAP1			3	3	49
HDAC1			3	3	55
RANP1;RAN			3	3	12
CPSF7			3	3	52
SERPINB12			3	3	46
DSC1			3	3	100
RPS15A			3	3	15
STAU1			3	3	63
HP1BP3			3	3	61
DHX8			3	3	139