

Chen et al. Supplemental Table S1.

ENSEMBL accession # ^a	HGNC ^b	Polypeptide ^c	Gg Ps ^a	# pep. ID ^b	% coverage ^c	Hs PS ^d	# pep. ID ^b	% coverage ^c
<i>U1 snRNP</i>								
ENSG00000104852	SNRP70	U1-70K	•	11	38.3	•	4	12.1
ENSG00000077312	SNRPA	U1A	•	6	24.3			
<i>U2 snRNP</i>								
ENSGALG00000008038	SF3B1	SF3b155	•	35	32.2	•	26	28.8
ENSG00000087365	SF3B2	SF3b145	•	12	15.5	•	9	9.6
ENSGALG00000002531	SF3B3	SF3b130	•	23	26.1	•	14	14.5
ENSGALG00000000581	DDX42	SF3b125	•	5	18	•	3	12.5
ENSGALG00000007937	SF3A1	SF3a120	•	21	30.1	•	10	21.9
ENSGALG00000021679	SF3A2	SF3a66	•	5	28.3	•	4	19.2
ENSGALG00000001540	SF3A3	SF3a60	•	14	29.1	•	9	24.4
ENSGALG00000013352	SF3B4	SF3b49	•	3	21.7			
ENSGALG00000008729	SNRPB2	U2B ^e	•	8	29.2	•	4	23.1
ENSGALG00000007170	SNRPA1	U2A ^e	•	10	43.9	•	8	35.3
ENSGALG00000016501	-	SF3b14	•	5	36			
ENSGALG00000020000	SF3B5	SF3b10	•	2	22.1			
<i>U2-snRNP associated</i>								
ENSGALG00000014395	DHX15	PRP43/DDX15	•	25	31.6	•	13	19
ENSGALG00000002612	-	SR140	•	12	13.7	•	5	5.6
ENSGALG00000006332	RBM17	SPF45	•	8	23.4			
ENSGALG00000008561	SMNDC1	SPF30	•	3	15.3			
ENSGALG00000003824	CHERP	CHERP	•	3	5			
<i>U5, U4/U6 & U4/U6•U5 snRNP</i>								
ENSGALG00000002943	PRPF8	U5-220K	•	72	33.7	•	41	21
ENSGALG00000003477	ASCC3L1	U5-200K	•	63	27.8	•	44	26.8
ENSGALG00000000988	EFTUD2	U5-116K	•	31	34.7	•	22	33.3
ENSG00000175467	SART1	U4/U5•U5-110K	•	2	5.1	•	12	19.2
ENSGALG00000006001	C20ORF14	U5-102K	•	31	19.5	•	21	27.3
ENSG00000174243	DDX23	U5-100K	•	21	29.9	•	18	26.4
ENSGALG00000000465	PRPF3	U4/U6-90K	•	13	25	•	8	24.6
ENSG00000168883	USP39	U4/U6•U5-65K	•	4	12.9	•	6	14.8
ENSG00000105618	PRPF31	U4/U6•U5-61K	•	5	20.1	•	8	23
ENSGALG00000008857	PRPF4	U4/U6-60K	•	12	28.7	•	7	16.1
ENSGALG00000004874	PPIH	USA-CYP	•	2	24.1			
ENSGALG00000000615	WDR57	U5-40K	•	10	33.5	•	5	23.2
ENSGALG00000011931	NHP2L1	U4/U6•U5-15.5k	•	2	12.4			
ENSGALG00000017396	TXNL4A	U5-15K	•	2	16.2			
<i>AT/AC</i>								
ENSGALG00000005162	RNPC3	U11/U12-65K	•	2	8.6			
ENSGALG00000013005	C6ORF151	U11/U12-48K	•	2	7.2			

Sm/LSM								
ENSGALG00000007250	SNRPB	SmB/B'	•	9	40.2	•	5	40.7
ENSGALG00000011842	SNRPD1	SmD1	•	4	37.8	•	4	54.6
ENSG00000125743	SNRPD2	SmD2	•	12	13.7	•	5	44.9
ENSGALG00000006596	SNRPD3	SmD3	•	4	47.6	•	5	40.7
ENSGALG00000000137	SNRPE	SmE	•	5	79	•	2	19.8
ENSGALG00000011409	SNRPF	SmF	•	4	8.7	•	2	15.1
ENSG00000143977	SNRPG	SmG	•	3	31.3	•	3	35.5
ENSG00000111987	LSM2	LSM2	•	3	39			
ENSGALG00000003385	LSM4	LSM4	•	3	31			
ENSGALG00000009985	LSM6	LSM6	•	3	35	•	3	36.3
ENSGALP00000014820	LSM8	LSM8	•	3	52.1	•	2	34.3
snRNP biogenesis								
ENSGALG00000010154	SIP1	SIP1	•	4	14.7			
ENSG00000119953	SMNDC1	SMNrp30	•	2	6			
ENSGALG00000003158	COIL	Coilin	•	8	20.2			
SAPs								
ENSGALG00000002514	SFPQ	PSF	•	8	16.8	•	12	19.1
ENSGALG00000002060	FUS	TLS/FUS	•	10	15.7	•	3	13.7
ENSGALG00000012468	PRPF39	PRP39	•	4	9.8			
ENSGALG00000010501	SNW1	SKIP/PRP45	•	16	38.8	•	2	10.8
ENSGALG00000016704	CDC5L	CDC5	•	24	37.7	•	11	16.3
ENSGALG00000005012	RAB43	ISY1	•	4	20			
ENSGALG00000008429	CRNKL1	CRN1	•	15	24.5	•	4	6
ENSGALG00000009257	PRLG1	Prp46/PRL1	•	15	38.6			
ENSGALG00000015061	CDC40	CDC40/PRP17	•	15	39.3			
ENSGALG00000002002	BCAS2	SPF27	•	4	27	•	3	12.5
ENSGALG00000013919	PRPF19	PRP19	•	13	35.4	•	15	46
ENSGALG00000010627	PRPF38A	PRP38	•	5	18.3	•	3	15.6
ENSGALG00000005507	NONO	p54nrb	•	5	14.4	•	5	13.2
ENSGALG00000004555	RBM22	ECM2/RBM22	•	6	18.6			
ENSGALG00000001247	SYF2	SYF2	•	4	8.7			
ENSGALG00000000726	ELAVL1	ELAV/Hu	•	4	13.8	•	11	48.2
ENSGALG00000009001	-	CWC22	•	7	9.5			
ENSGALG00000008149	EWSR1	EWSR1 (RBP)	•	5	10	•	2	9.9
ENSGALG00000004705	BUD31	BUD31	•	2	27.3			
ENSG00000076924	XAB2	SYF1	•	15	21.1	•	13	20.9
ENSGALG00000001962	PTBP1	PTB	•	12	32.5	•	12	19.1
ENSGALG00000011857	LUC7L2	LUC7/CROP	•	3	30.7			
ENSG00000196504	PRPF40A	PRP40	•	3	4.2	•	2	4.5
ENSGALG00000010167	PNN	Pinin	•	14	23	•	10	16.2
ENSGALG00000012813	PRPF4B	Prp4K	•	6	16.1	•	8	25.2
ENSGALG00000000833	IK	RED	•	7	12.4	•	7	21.4
ENSGALG00000001500	-	SLU7	•	8	15.4			
ENSG000000063244	U2AF2	U2AF65	•	2	10.1	•	7	31

ENSGALG00000016198	U2AF1	U2AF35	•	2	14.6	•	3	16.9
ENSGALG00000001034	C20ORF4	AAR2	•	5	15.1			
ENSGALG00000005525	SFRS1	SF2/ASF	•	4	20.3	•	3	30.6
ENSGALG00000002087	NCBP1	CBC80	•	3	3.5	•	12	37.7
ENSGALG00000006843	NCBP2	CBC20	•	3	28	•	2	15.1
ENSG00000100296	THOC5	KIAA0983	•	5	11.3	•	2	6.1
ENSG00000126803	HSPA2	HSP70-2	•	5	14.8	•	6	10.4
ENSGALG00000006512	HSPA8	HSP71	•	22	38.8	•	4	6.1
ENSGALG00000009838	AQR	Aquarius	•	25	17.5	•	20	22
ENSGALG00000002014	SMU1	SMU1	•	10	33.1	•	4	19.1
ENSG00000113649	TCERG1	CA150				•	4	12.1
ENSGALG00000004626	RBM5	E1B-AP5	•	6	11.2	•	5	10.1
ENSGALG00000011678	DNAJC13	DnaJ	•	8	8.3	•	4	5.6
ENSG00000100813	ACIN1	Acinus				•	10	22.6
ENSG00000131051	RNPC2	HCC				•	9	27.3
ENSG00000084463	WBP11	WBP11				•	2	4.5
ENSG00000196419	XRCC6	Ku70				•	8	16.4
RNA Helicase-like								
ENSGALG00000016461	DDX1	DDX1	•	10	18.6	•	8	16.4
ENSGALG00000016231	DDX3X	DDX3	•	5	10.3	•	9	17.4
ENSGALG00000003532	DDX5	DDX5/p68	•	16	28.9			
ENSGALG00000012247	DDX17	DDX17/p72	•	11	20.8	•	13	21.3
ENSGALG00000012147	DDX18	DDX18	•	2	10			
ENSGALG00000006974	DDX27	DDX27	•	3	5.1			
ENSGALG00000003030	DDX41	DDX41/ABSTRAKT	•	3	7.4			
ENSG00000123136	DDX39	DDX39				•	12	34.9
ENSG00000145833	DDX46	DDX46/PRP5					13	19
ENSGALG00000008530	DDX48	DDX48	•	18	48.4	•	15	39.7
ENSGALG00000004144	DDX50	DDX50/Gu-β	•	2	3.8	•	11	17.3
ENSGALG00000001186	DHX8	DHX8/PRP22	•	12	17.9	•	2	7.7
ENSG00000135829	DHX9	DHX9/HELICASEA	•	3	5.6	•	43	40.9
ENSGALG00000005027	DHX30	DHX30	•	20	19.7	•	9	9.3
ENSGALG00000003658	DHX35	DHX35	•	4	7.8			
ENSG00000174953	DHX36	DHX36				•	5	5.1
ENSGALG00000014709	SKIV2L2	SKIV2L2	•	5	7.1	•	2	10.8
ENSG00000198563	BAT1	UAP56	•	12	29.7	•	12	34.9
hnRNP								
ENSGALG00000006160	HNRNPA0	hnRNP A0	•	4	10.2	•	7	35.4
ENSGALG00000011036	HNRNPA2B1	hnRNP A2/B1	•	12	37.8	•	23	67.2
ENSG00000135486	HNRPA1	hnRNP A1	•	7	32.7	•	26	52.9
ENSGALG00000009250	HNRNPA3	hnRNP A3	•	11	42.9	•	19	51.6
ENSGALG00000014381	HNRNPAB	hnRNP AB	•	6	20.7	•	7	22.1
ENSG00000092199	HNRPC	hnRNP C1/C2	•	10	32.5		14	47.9
ENSG00000138668	HNRNPD	hnRNP D0/AUF1	•	4	29.7	•	13	45.6
ENSGALG00000011184	HNRNPD	hnRNP D0	•	4	20.6	•	9	25.4

ENSG00000169813	HNRPF	hnRNPF				•	12	42.4
ENSGALG00000006457	RBMX	hnRNPG	•	15	34.3	•	11	26.9
ENSGALG00000005955	HNRNPH1	hnRNPH1	•	17	46.4	•	13	40.3
ENSGALG00000003947	HNRNPH3	hnRNPH3	•	12	13.7	•	6	26.9
ENSGALG00000012591	HNRNPK	hnRNPK	•	18	46.1	•	18	49.1
ENSG00000104824	HNRNPL	hnRNPL	•	7	13.7	•	14	33
ENSGALG00000000377	HNRNPM	hnRNPM	•	24	38.6	•	21	37.7
ENSGALG00000015830	SYNCRIP	hnRNPM	•	10	27.3	•	18	45.8
ENSGALG00000000814	HNRNPR	hnRNPR	•	11	22.5	•	21	42.1
ENSGALG00000010671	HNRNPU	hnRNPU	•	10	13.1	•	29	33
ENSGALG00000018665	-	hnRNPN novel	•	2	***			
ENSG00000126457	HRMT1L2	HRMT1L2	•	2	11.5			
SR								
ENSGALG00000005525	SFRS1	SF2p33	•	9	35.8	•	12	37.9
ENSGALG00000000533	SFRS3	SFRS3SRp20	•	3	24.4	•	8	59.3
ENSGALG00000009484	SFRS5	SRp40	•	5	24.8			
ENSGALG00000000990	SFRS6	SRp55	•	6	27.4	•	4	11.5
ENSGALG00000013825	SFRS7	9G8	•	5	26	•	6	37.6
ENSGALG00000002487	SFRS8	SFRS8	•	6	10.5			
ENSG00000111786	SFRS9	SRp30				•	8	37.6
ENSGALG00000006531	SFRS10	SFRS10	•	4	20.1	•	6	37.2
ENSG00000153914	SFRS12	SFRS12				•	3	11.9
ENSGALG00000004133	FUSIP1	SRrp35	•	3	37.1	•	6	41.8
RBP								
ENSG00000102317	RBM3	RBM3				•	25	5.6
ENSGALG00000018992	RBM4B	RBM4B/Lark	•	9	56.8			
ENSGALG00000004626	RBM5	RBM5	•	4	9.1			
ENSGALG00000007017	RBM7	RBM7	•	3	36			
ENSG00000131795	RBM8A	RBM8B	•	3	17.7	•	4	31
ENSGALG00000013411	RBM14	RBM14	•	6	12.9	•	8	15.7
ENSG00000162775	RBM15	RBM15				•	7	12
ENSGALG00000002372	RBM15B	RBM15B	•	7	15.6	•	3	8.5
ENSG00000197676	RBM16	RBM16				•	8	12.3
ENSGALG00000004555	RBM22	RBM22	•	5	17.4			
ENSG00000119707	RBM25	RBM25				•	4	8.4
ENSG000000091009	RBM27	RBM27				•	2	3.2
ENSGALG00000011038	CBX3	RNPS1	•	3	17			
ENSG00000033030	ZCCHC8	ZFP8				•	6	8.1
ENSGALG00000006113	ZNF326	ZFP326	•	10	23.2	•	2	9.4
ENSG00000179950	-	PUF60				•	3	10.9
ENSG00000197381	ADARB1	ADAR1				•	26	33.7
ENSG00000160710	ADAR	ADAR2				•	4	10
ENSGALG00000010952	-	Requiem	•	12	27.2			
ENSGALG00000011570	ILF2	NFAT45	•	8	21.4	•	12	53.7
ENSG00000129351	ILF3	NFAT90	•	10	15.5	•	12	18.4

ENSG00000169564	PCBP1	PolyrCBP	•	7	28.7			
ENSGALG00000012225	CIRBP	CIRBP	•	2	24.5	•	3	18.9
ENSG00000056097	ZFR	ZFR	•	2	3.4	•	3	8
ENSGALG00000009427	TIAL1	TIA1	•	2	8.8			
ENSGALG00000001187	STRBP	STRBP	•	10	18.5			
ENSGALG00000005623	TFIP11	Tuftillin-IP	•	8	12.4	•	5	6.7
ENSG00000136231	IGF2BP3	IMP3	•	4	7.5	•	7	18.9
ENSG00000121774	KHDRBS1	SAM68				•	4	10.2
ENSG00000126254	-	Novel RRM				•	3	14
ENSG00000132773	TOE1	TOE1				•	2	6.7
ENSG00000142864	SERBP1	SERBP1				•	2	9.1
Export/transcription/NMD								
ENSGALG00000014915	THOC1	THO1/HPR1	•	11	26	•	6	14.6
ENSGALG00000008507	THOC2	THO2	•	14	9.7	•	5	8
ENSG00000051596	THOC3	THO3/TEX1	•	14	24.2	•	13	16.3
ENSGALG00000007237	THOC4	THO4/ALY	•	6	20.9	•	8	30.8
ENSGALG00000004571	PPP1CA	GLC7/PPP1CA	•	2	5.3			
ENSGALG00000002569	RAN	Ran	•	5	30.1	•	2	4.8
ENSG00000119392	GLE1L	GLE1L				•	2	5.7
ENSGALG00000007653	RAE1	GLE2/RAE1	•	3	8.4	•	7	13.1
ENSGALG00000003220	RENT1	UPF1/RENT	•	3	6.4			
ENSG00000131795	RBM8A	Y14/RBM8A	•	4	36.2	•	4	31
ENSGALG00000002144	THRAP3	TRAP150	•	9	20.9	•	3	24.3
ENSG00000172660	TAF15	TAF15/RBP56	•	4	9.2			
ENSG00000162231	NXF1	TAP				•	7	13.1
ENSG00000065978	YBX1	YBX1				•	5	33.5
ENSGALG00000010689	MAGOH	Mago nashi	•	7	52.8	•	7	57.9
3' end proc.								
ENSGALG00000010783	CPSF2	CPSF2	•	2	10.5			
ENSGALG00000016424	CPSF3	CPSF3	•	2	8.1	•	2	4.8
ENSGALG00000004714	CPSF4	CPSF4	•	4	20			
ENSGALG00000003084	CPSF5	CPSF5				•	4	21.6
ENSGALG00000011685	CSTF3	CSTF-77	•	3	4.5	•	3	6.2
ENSGALG00000013943	FIP1L1	FIP1	•	4	7.8			
ENSG00000172239	PAIP1	PAIP1				•	5	14.2
ENSG00000100836	PABPN1	PABPN1				•	5	16.9
ENSGALG00000003800	PABPC4	PABPC4				•	10	22.6
Structural								
ENSGALG00000012533	MYH9	Myosin	•	44	28.4	•	26	32.8
ENSGALG00000009126	TTN	Titin	•	12	***			
ENSGALG00000001381	ACTG1	Actin	•	15	52	•	3	17.6
ENSGALG00000002478	MATR3	MATRIN3	•	17	24.2	•	28	34.2
ENSGALG00000008677	VIM	Vimentin	•	13	40.1	•	24	50.7
ENSG00000117245	KIF17	Kinesin KIF17	•	7	8			

ENSGALG0000002197	NPM1	NUMATRIN	•	4	17	•	4	4.5
ENSGALG00000014692	LMNB1	Lamin B	•	18	35.8	•	4	9.9
ENSGALG00000013505	SYNE1	NuSpectrin	•	12	***	•	34	19.9
Chromatin modification								
ENSGALG00000000360	ARID1A	ARID1A-SWI/SNF	•	18	27.4			
ENSGALG00000013683	ARID1B	ARID1B-SWI/SNF	•	13	9.8			
ENSGALG00000010164	SMARCA2	SMARCA2	•	27	33.4			
ENSG00000127616	SMARCA4	Brahma/SMARCA4	•	29	21.3			
ENSGALG00000009913	SMARCA5	SMARCA5	•	11	11			
ENSGALG00000005983	SMARCB1	SMARCB1	•	11	37			
ENSGALG00000005048	SMARCC2	BRG1-SWI/SNF	•	30	20.2			
ENSGALG00000005048	SMARCC1	SMARCC1	•	21	19.5			
ENSGALP00000010010	SMARCD1	SMARCD1	•	6	11.5			
ENSGALG00000000363	SMARCD2	SMARCD2	•	10	32.9			
ENSGALG00000002100	SMARCE1	SMARCE1	•	7	30.9			
Nucleoporins								
ENSGALG00000005714	PKD1	PKD1 (NUP assoc)	•	10	4.1			
ENSGALG00000003830	NUP214	NUP214	•	7	4.8	•	4	4
ENSGALG00000012720	NUP153	NUP153	•	4	4.3			
ENSGALG00000005078	NUP210	NUP210	•	6	4.9	•	8	5.1
ENSG00000102900	NUP93	NUP93				•	19	29.4
ENSG00000108559	NUP88	NUP88				•	8	13.9
ENSG00000111581	NUP107	NUP107				•	5	31.3
ENSG00000110713	NUP98	NUP98				•	4	11.9
ENSG00000138750	NUP54	NUP54				•	4	21.3
ENSG00000163002	NUP35	NUP35				•	3	14.6
ENSG00000069248	NUP133	NUP133				•	3	3.4
ENSG00000155561	NUP205	NUP205				•	4	3.3
Cyclophilins								
ENSGALG00000013383	PPIE	CYP-E	•	4	20.4			
ENSGALG00000004874	PPIH	USA-CYP	•	2	34.1			
ENSGALG00000014747	SDCCAG10	CYP16	•	4	12.4			
ENSG00000137168	PPIL1	PPIL1/CWF27	•	2	12.2			
ENSG00000100023	PPIL2	PPIL2/CYP60	•	2	6.1			
ENSG00000113593	PPWD1	PPWD1	•	4	7.4			
Novel or unknown to splicing								
ENSGALG00000011351	HSP90AA1	HSP90a	•	11	18.2	•	10	19.3
ENSGALG00000010175	HSP90AA2	HSP90β	•	18	23.4	•	9	14.6
ENSGALG00000012726	HSP90B1	HSP108	•	15	19	•	8	14.5
ENSGALG00000009967	LRPPRC	LRP130	•	19	13.5			
ENSGALG00000003693	MACF1	Macrophin	•	6	16.9			
ENSGALG00000007705	NCL	Nucleolin	•	10	16.4			
ENSGALG00000015933	C21ORF66	GCRBF	•	3	5.9			

ENSGALG0000008454	-	NOP58	•	5	12.5			
ENSGALG0000009061	ACTL6A	BAF53A	•	9	32			
ENSGALG0000007520	SSRP1	FACT80	•	9	13.8	•	3	5.6
ENSGALG00000015821	CCT8	TCP1-theta	•	7	15.9			
ENSGALG00000014500	NOL5A	Nol5A/NOP56	•	9	19.4			
ENSGALG00000005624	MED12	TRAP230	•	2	4.6			
ENSGALG00000010973	TRA2A	TRA2a	•	4	20	•	2	16.8
ENSGALG00000008372	XRN2	RAT1	•	8	10	•	3	3.7
ENSG00000197157	-	SND1	•	5	8.8	•	16	25.9
ENSGALG00000001948	SAFB2	SAFB/HSP27	•	3	8.2	•	12	78.9
ENSGALG00000003177	BRD8	BRD8	•	4	***	•	2	6.9
ENSGALG00000010699	-	FOG	•	3	***			
ENSGALG00000005177	C9ORF10	C9ORF10	•	4	6.8	•	3	5
ENSGALG00000002653	-	ELG	•	4	13.2	•	3	8.7
ENSGALG00000016949	WBP4	WBP4	•	5	14.4			
ENSGALG00000004133	FUSIP1	Fus IP	•	3	37.1	•	6	41.8
ENSGALG00000017384	ERH	ERH	•	3	65.6	•	3	33.3
ENSG00000079246	XRCC5	Ku80				•	14	28.1
ENSG00000182562	ATAD3A	ATAD3A	•	12	24.4	•	9	18.6
ENSGALG00000001515	ATAD3B	ATAD3B	•	10	19	•	6	21.3
ENSG00000108588	CCDC47	CCDC47				•	2	18.4

^a Gallus gallus polypeptide data ^b Number of peptides identifies for the protein ^c The percentage of the protein sequenced by mass spectrometry

^d Human polypeptide data

*** INCOMPLETE GENE IN DATABASE. UNABLE TO ASSIGN % COVERAGE.