

Additional file 3: Table S2. Mass Spectrometry Analysis of lncRNA CBR3-AS1 interacting Protein

Molecular weights	Protein	Sequence	# PSMs	# Protein Groups	q-Value	PEP	XCorr	Charge	MH+	[Da	Δm	[ppm	RT	[min]	# Missed Cleavages		
85 kDa	CTNNB1	ITTLHNLLHQEGAK	1	2	0	0.00001221	4.381	3	1898.94	-1.5755	26.4636	0					
		mEEIVEGcTGALHILAR	1	2	0	0.0001294	3.52483	3	1914.94	-2.5723	25.4782	0					
		SPQMVSIVR	2	1	0	0.002092	3.70268	2	1405.69	-1.7377	14.6811	0					
		TQFDAHPTNVQR	1	2	0.006	0.1733	1.84281	2	881.469	-4.474	19.2473	0					
		QILAYGNQESK	3	2	0	0.0002549	4.09763	2	1424.63	-1.3153	17.7924	0					
		HQEAEQAQNAVR	2	1	0	0.0004343	3.42717	2	1383.64	-4.2949	14.7623	0					
		AAVMVHQLSK	2	1	0	0.009959	3.33501	2	1083.6	-2.0585	15.8029	0					
		TMQNTNDVETAR	3	1	0	0.0009547	3.31025	2	1379.62	-1.2644	12.8253	0					
		AAVMVHQLSK	1	1	0	0.00004682	3.75644	2	1435.74	-0.5772	17.1618	0					
		NEGVATYAAAVLFR	1	1	0	0.0001901	3.07608	2	1481.78	0.28532	29.8377	0					
		DIGAQQEPLGYR	1	3	0	0.004656	1.81701	2	1245.64	-2.3839	24.0796	0					
		TSMGGTQQQFVEGVR	1	1	0	0.006636	3.00619	2	1624.78	2.00795	21.1321	0					
		QALGLHLTDPSQR	1	2	0	0.002149	2.85392	2	1350.72	-3.0233	20.0111	1					
		VAAGVLCELAQDK	1	2	0	0.0002727	2.5325	2	1373.71	1.41661	24.737	0					
		AGDREDITEPAICALR	1	1	0	0.01308	2.52369	3	1786.87	-3.0663	23.4607	1					
		LVQNcLWTLR	1	2	0	0.001428	2.3316	2	1302.7	-1.6692	26.4601	0					
		DCLQILAYGNQESK	1	1	0.001	0.04681	1.21616	2	1053.61	-1.1613	28.7218	0					
		MEEIVEGcTGALHILAR	3	2	0	0.002794	3.159	2	1221.61	-2.62	24.5724	0					
		LVQLLVR	1	1	0	0.02994	1.99889	2	840.566	-1.0349	22.9754	0					
		LAEPSQMLK	1	1	0	0.01766	1.75531	2	1016.55	0.59149	19.9184	0					
		NLALcPANHAPLR	1	1	0	0.01702	1.54384	3	1446.76	-1.7528	20.8414	0					
		GVATYAAAVLFR	1	2	0	0.001823	2.98351	2	1179.6	0.24102	20.3001	0					
		LLWTTSRVLK	1	1	0	0.0153	2.21767	3	1357.72	1.08265	19.0829	1					
		LLWTTSR	1	2	0	0.01816	1.2751	2	876.492	-2.2858	22.2813	0					
		AIPELTK	3	2	0.001	0.05639	1.26095	2	771.461	0.37726	17.4406	0					
		LAEPSQMLK	1	2	0.006	0.1733	1.84281	2	881.469	-4.474	19.2473	0					
		QDDPSYR	2	2	0.006	0.1756	1.78027	2	1037.57	0.86098	18.2518	1					
		CTAGTLHNLSHHR	8	4	0	0.01266	2.63142	2	1132.54	-0.7852	17.8353	0					
		LLNDEDQVVVNK	3	2	0	0.002794	3.159	2	1221.61	-2.62	24.5724	0					
		ADLMELDMAMEPDR	12	4	0	0.0194	2.43169	2	1106.52	-2.5462	10.9559	0					
		LGKDAVEDLESVGK	2	1	0	0.0003394	3.9209	2	1459.77	1.26278	23.8167	1					
		ENAGEDPGLAR	7	1	0	0.007945	2.86939	2	1128.53	-1.459	13.1851	0					
		DAVEDLESVGK	4	1	0	0.002938	2.57595	2	1161.56	-2.556	23.4808	0					
		70 kDa	HSPA8	NSLESYAFNmK	1	1	0	0.002002	2.51734	2	1319.59	-2.3132	22.5088	0			
				MVQEAEKYK	4	2	0	0.006154	2.17592	2	1125.56	-0.8326	13.8877	1			
				ITITNDKGR	1	2	0	0.026	1.55021	2	1059.58	0.50518	17.3898	1			
				FDDAVVQSDMK	3	1	0	0.00002872	4.06699	2	1410.67	-1.5653	20.1435	1			
				mVQEAEKYK	1	2	0.003	0.09872	1.31159	2	1141.55	-2.7825	11.0114	1			
				TFDIDANGILNVSVDK	3	1	0	0.00003273	3.75888	2	1649.79	-1.0648	22.7	0			
				EIVHIQAGQcGNQIGAK	2	1	0	0.00003157	3.65777	3	1805.9	-0.6338	21.6747	1			
				MREIVHIQAGQcGNQIGAK	4	3	0	8.396E-08	6.57621	3	2110.06	-3.73	21.9661	1			
				HWPFMVVNDAGR	1	1	0	0.0001322	3.51095	2	1452.68	1.71112	21.592	1			
				MSMKEVDEQmLNVQNK	2	1	0	0.00119	3.48522	2	1268.66	-0.1933	20.0687	1			
MVQEAEK	3			2	0	0.0004961	3.36929	2	1659.89	-4.4004	26.734	0					
KLAVNMVPPFR	3			1	0	0.001242	3.28697	2	1303.6	-2.5904	25.4213	0					
SFYPEEVSSMVLTK	1			1	0	0.0006243	3.26524	2	1665.78	-3.6446	20.1365	0					
LHFFmPGFAPLTSR	6			1	0	0.0002632	3.19819	2	1982	0.98494	26.0629	0					
DLGGGTDFDVSILTIEDGIFEVK	4			3	0	0.001565	3.19098	2	1228.63	-0.7964	15.845	0					
FPGQLNADLRK	5			2	0	0.001093	3.17372	2	1487.7	-2.031	22.977	0					
NPTNTVFDK	3			1	0	0.001865	3.02936	2	1253.61	-2.2435	27.1398	0					
NQTAEKEEFHQK	3			1	0	0.003933	2.92667	2	1235.62	-3.3656	24.9907	0					
TYSCVGVFQHK	1			1	0	0.00057	2.78539	2	1251.62	-0.7228	23.7147	0					
AILVDLEPGTMDSVR	4			1	0	0.001251	2.68372	2	1616.78	-1.9977	27.7879	0					
GDTHLGGEDFDNR	16			1	0	0.009904	2.67855	2	1180.62	-0.0815	13.598	1					
51 kDa	KRT17			QFTSSSSIK	1	3	0.001	0.05194	1.70216	3	1965.91	-1.4715	25.3377	1			
				GSSGLGGGSSR	1	1	0	0.01156	2.13691	2	1257.59	0.48907	17.6486	0			
				TeVDNANILLQIDNAR	11	5	0	0.01954	2.0356	2	809.44	-0.8493	16.1757	0			
				LSGGLGAGSCR	2	4	0	0.009267	1.81221	2	1148.53	-2.1925	13.695	0			
				NHEEEMNALR	3	2	0	0.006735	2.93316	2	1220.6	0.37559	18.8975	0			
				QALEIELQSLSMK	3	1	0	0.008764	2.87623	2	1259.67	-0.4348	21.2348	1			
				CEMEQQNQEYK	1	1	0	0.0003048	2.76762	2	2103.95	-3.4988	21.8196	0			
				wTVDNANILLQIDNAR	1	1	0	0.01511	2.7659	2	1241.59	-2.2237	20.5041	0			
				IGScVEEQLAQLR	8	4	0	0.01266	2.63142	2	1132.54	-0.7852	17.8353	0			
				VDELTLAR	2	3	0	0.005427	1.69751	2	1122.58	-1.6081	18.2793	0			
				IELQSLSMK	3	5	0	0.01606	1.64956	2	851.449	-2.6065	22.1001	0			
				LDELTLAR	13	5	0	0.03121	1.39882	2	807.399	-0.7653	17.5905	0			
		CEMEQQNQEYK	14	4	0	0.01438	2.4753	2	1064.61	-0.3444	20.452	1					
		LSVEADINGLcR	12	4	0	0.0194	2.43169	2	1106.52	-2.5462	10.9559	0					
		SSFGGVDLGLLAGGEK	5	3	0	0.001226	2.24256	2	1029.59	-1.6809	23.4113	0					
		FETEQLR	1	1	0	0.0153	2.21767	3	1357.72	1.08265	19.0829	1					
		LLEGEDAHLTaQYK	2	3	0.001	0.05632	2.32957	2	1036.53	-0.5165	19.7145	1					
		EaQVHQTTTR	3	5	0.001	0.03324	1.96215	2	849.409	-1.2374	20.1983	0					
		CEMEQQNQEYK	1	1	0.001	0.06098	1.84411	3	1897.88	2.27214	23.6706	1					
		TAWTVDNANILLQIDNAR	3	2	0.002	0.07606	1.29921	2	746.403	-1.6718	14.7233	0					
67 kDa	PTBP1	QFQALLQYADPVSAQHAK	2	2	0.006	0.1756	1.78027	2	1037.57	0.86098	18.2518	1					
		DGQNIYNACCTLRIDFSK	3	1	0	0.00005086	4.68703	3	2120.04	-1.6152	20.0035	1					
		VQLPREGQEDQGLTK	2	3	0	0.00005424	4.01045	2	1379.72	-4.5793	23.0898	1					
		PIRITLSK	2	1	0	0.002092	3.70268	2	1405.69	-1.7377	14.6811	0					
		SNIPPSVSEEDLK	5	2	0	0.007563	3.63619	2	1278.58	-1.0396	15.0564	0					
		PVLRGQPIYQFSNHK	2	1	0	0.00004617	3.48705	2	2064.14	-1.0927	27.0108	0					
		DGIVPDIAVGTK	6	2	0	0.009715	3.29422	2	1106.56	-1.8951	16.0882	0					
		QPIYQFSNHK	1	1	0	0.0007037	3.2197	3	2350.09	-1.9134	18.9948	0					
		FYPVTLDVLHQIFSK	6	2	0	0.001332	3.16051	2	1301.66	-2.1865	19.2705	0					
		LTSLNVK	14	4	0	0.025	2.961	2	1090.53	0.25336	15.2309	0					
		NHHLRVSFsk	3	1	0	0.0033	2.61256	2	1260.57								