

Table S1 LncRNAs associated with each of the disulfidptosis gene

Disulfidptosis	LncRNA	cor	P value	Regulation
GYS1	ST7-AS1	-0.308019671	1.04E-15	Negative
GYS1	KIAA0087	-0.363100951	1.26E-21	Negative
GYS1	LINC00623	-0.332370088	3.54E-18	Negative
GYS1	PCOLCE-AS1	0.342006816	3.22E-19	Positive
GYS1	PHKA2-AS1	0.386021874	1.87E-24	Positive
GYS1	LINC01138	-0.360744534	2.39E-21	Negative
GYS1	CASC15	-0.309990581	6.71E-16	Negative
GYS1	MAP4K3-DT	-0.333032877	3.01E-18	Negative
GYS1	MIR17HG	0.382849106	4.75E-24	Positive
GYS1	ATP2A1-AS1	0.312130845	4.14E-16	Positive
GYS1	LINC01011	-0.33249556	3.43E-18	Negative
GYS1	DNAJC27-AS1	-0.304439158	2.31E-15	Negative
GYS1	TSPEAR-AS2	0.348713908	5.78E-20	Positive
GYS1	MIF-AS1	0.364659341	8.21E-22	Positive
GYS1	VPS9D1-AS1	0.3714174	1.26E-22	Positive
GYS1	DANCR	0.332949738	3.07E-18	Positive
GYS1	NBAT1	-0.380526917	9.34E-24	Negative
GYS1	SNHG16	0.337930974	8.97E-19	Positive
GYS1	TAPT1-AS1	0.367781331	3.47E-22	Positive
GYS1	MIR9-3HG	0.336729563	1.21E-18	Positive
GYS1	VSTM2A-OT1	-0.402995755	1.07E-26	Negative
GYS1	MAPT-AS1	-0.330520624	5.55E-18	Negative
GYS1	PRSS30P	0.327438964	1.17E-17	Positive
GYS1	LINC00839	0.31415268	2.62E-16	Positive
LRPPRC	C2orf27A	0.355442864	9.89E-21	Positive
LRPPRC	SNHG6	0.460250087	2.75E-35	Positive
LRPPRC	EPB41L4A-DT	-0.317306818	1.27E-16	Negative
LRPPRC	LINC00924	-0.317434126	1.23E-16	Negative
LRPPRC	MAFG-DT	0.407586338	2.50E-27	Positive
LRPPRC	LINC02381	-0.341539215	3.63E-19	Negative
LRPPRC	SNHG17	0.410159567	1.10E-27	Positive
LRPPRC	TMPO-AS1	0.437792905	1.01E-31	Positive
LRPPRC	LINC00623	-0.349242553	5.04E-20	Negative
LRPPRC	GAS5	0.519777648	3.98E-46	Positive
LRPPRC	HCP5	-0.409666341	1.29E-27	Negative
LRPPRC	FIRRE	0.354085066	1.42E-20	Positive
LRPPRC	SNHG8	0.442826555	1.69E-32	Positive
LRPPRC	MSC-AS1	-0.375059551	4.49E-23	Negative
LRPPRC	LINC00896	0.522067325	1.38E-46	Positive
LRPPRC	PCED1B-AS1	-0.374549664	5.19E-23	Negative
LRPPRC	NORAD	-0.324675152	2.26E-17	Negative
LRPPRC	LINC00926	-0.309690985	7.18E-16	Negative
LRPPRC	SNHG7	0.402735399	1.16E-26	Positive
LRPPRC	BACE1-AS	0.347367136	8.19E-20	Positive
LRPPRC	LINC02591	-0.445584441	6.28E-33	Negative
LRPPRC	HOTAIRM1	-0.414120405	3.06E-28	Negative
LRPPRC	POLR2J4	-0.365333051	6.83E-22	Negative
LRPPRC	FAM218A	0.349180032	5.12E-20	Positive
LRPPRC	CRNDE	0.441623194	2.60E-32	Positive
LRPPRC	FAM201A	0.363123972	1.25E-21	Positive
LRPPRC	PRDM16-DT	-0.334103725	2.31E-18	Negative
LRPPRC	PCOLCE-AS1	0.383442631	3.99E-24	Positive
LRPPRC	MIR22HG	-0.495512752	1.89E-41	Negative
LRPPRC	CEROX1	-0.484877588	1.63E-39	Negative
LRPPRC	PHKA2-AS1	0.33647866	1.29E-18	Positive
LRPPRC	DIRC3	0.313617956	2.96E-16	Positive
LRPPRC	LINC01138	-0.351424384	2.85E-20	Negative
LRPPRC	ZNF667-AS1	0.358099873	4.87E-21	Positive
LRPPRC	TYMSOS	0.379310601	1.33E-23	Positive
LRPPRC	PVT1	0.339927234	5.44E-19	Positive
LRPPRC	MIR17HG	0.425920875	6.10E-30	Positive
LRPPRC	EPB41L4A-AS1	0.468535119	1.14E-36	Positive
LRPPRC	SNHG29	0.548403201	3.74E-52	Positive
LRPPRC	DLX6-AS1	0.482865365	3.72E-39	Positive
LRPPRC	ARHGAP27P1-BPTFP1-KPNA2P3	-0.346310593	1.07E-19	Negative
LRPPRC	LINC-PINT	-0.415172535	2.17E-28	Negative
LRPPRC	SNHG10	0.382178862	5.77E-24	Positive
LRPPRC	LINC00174	-0.302427281	3.58E-15	Negative
LRPPRC	LINC00960	0.432548426	6.31E-31	Positive
LRPPRC	TRG-AS1	-0.32591726	1.68E-17	Negative
LRPPRC	DLEU1	0.494525276	2.88E-41	Positive
LRPPRC	SNHG28	-0.337612261	9.71E-19	Negative
LRPPRC	LINC01816	0.358948478	3.87E-21	Positive
LRPPRC	MORF4L2-AS1	0.413198729	4.13E-28	Positive
LRPPRC	MROCK1	-0.333485812	2.69E-18	Negative
LRPPRC	ZNF571-AS1	0.302888753	3.24E-15	Positive
LRPPRC	AFAP1-AS1	0.314888724	2.21E-16	Positive
LRPPRC	HHIP-AS1	0.420699209	3.51E-29	Positive
LRPPRC	ACVR2B-AS1	0.428938549	2.18E-30	Positive
LRPPRC	LINC01011	-0.326487879	1.47E-17	Negative
LRPPRC	NEAT1	-0.42234756	2.03E-29	Negative
LRPPRC	IGFBP7-AS1	-0.322389566	3.88E-17	Negative
LRPPRC	TSPEAR-AS2	0.328078859	1.00E-17	Positive
LRPPRC	LBX2-AS1	-0.309257201	7.92E-16	Negative
LRPPRC	MIR99AHG	0.391681905	3.45E-25	Positive
LRPPRC	RAMP2-AS1	0.349834009	4.32E-20	Positive
LRPPRC	MIR4453HG	0.413891337	3.30E-28	Positive
LRPPRC	LINC00624	0.349572344	4.62E-20	Positive
LRPPRC	LINC01128	-0.338117493	8.56E-19	Negative
LRPPRC	LINC01018	0.303195439	3.03E-15	Positive
LRPPRC	PRR34-AS1	0.315760313	1.81E-16	Positive
LRPPRC	VLDLR-AS1	0.334506625	2.09E-18	Positive
LRPPRC	SNHG1	0.521022187	2.24E-46	Positive
LRPPRC	CADM3-AS1	-0.393599576	1.93E-25	Negative
LRPPRC	DANCR	0.507229149	1.16E-43	Positive
LRPPRC	SNHG16	0.452808081	4.47E-34	Positive
LRPPRC	TNFRSF14-AS1	-0.516584061	1.73E-45	Negative
LRPPRC	C1RL-AS1	-0.372463658	9.37E-23	Negative
LRPPRC	LINC00665	0.503065797	7.27E-43	Positive
LRPPRC	C10orf55	-0.357329933	5.98E-21	Negative
LRPPRC	ITGB2-AS1	-0.426208733	5.53E-30	Negative
LRPPRC	ZFAS1	0.468979638	9.55E-37	Positive
LRPPRC	TAPT1-AS1	0.39705738	6.72E-26	Positive
LRPPRC	LINC00996	-0.418010682	8.56E-29	Negative
LRPPRC	LINC01121	0.399502807	3.16E-26	Positive
LRPPRC	FBXL19-AS1	0.401877247	1.51E-26	Positive
LRPPRC	OIP5-AS1	0.424544375	9.70E-30	Positive
LRPPRC	MIR9-3HG	0.406587428	3.44E-27	Positive
LRPPRC	LINC01116	0.311236863	5.07E-16	Positive
LRPPRC	PSMB8-AS1	-0.442799513	1.71E-32	Negative
LRPPRC	SNHG5	0.338710811	7.38E-19	Positive
LRPPRC	LINC00839	0.498491794	5.29E-42	Positive
LRPPRC	PSMG3-AS1	-0.347841683	7.24E-20	Negative
NCKAP1	EPB41L4A-DT	0.317817268	1.13E-16	Positive
NCKAP1	NORAD	0.33758324	9.78E-19	Positive
NCKAP1	DDC-AS1	0.353112187	1.83E-20	Positive
NCKAP1	DUBR	0.540183635	2.31E-50	Positive
NCKAP1	MAP4K3-DT	0.399464059	3.20E-26	Positive
NCKAP1	RGMB-AS1	0.390946863	4.30E-25	Positive
NCKAP1	SNHG1	-0.367681428	3.57E-22	Negative
NCKAP1	DANCR	-0.31527683	2.02E-16	Negative
NCKAP1	SNHG16	-0.307272219	1.23E-15	Negative
NCKAP1	LINC00900	0.359033935	3.79E-21	Positive
NCKAP1	VSTM2A-OT1	0.320317035	6.30E-17	Positive
NDUFA11	URB1-AS1	0.523443982	7.24E-47	Positive
NDUFA11	SNHG6	0.491174828	1.19E-40	Positive
NDUFA11	ATP2B1-AS1	-0.318811247	8.95E-17	Negative
NDUFA11	LINC00265	-0.311149758	5.17E-16	Negative
NDUFA11	MAFG-DT	0.449665231	1.42E-33	Positive
NDUFA11	SH3BP5-AS1	-0.363755082	1.05E-21	Negative
NDUFA11	SNHG17	0.407657403	2.45E-27	Positive
NDUFA11	KIAA0087	-0.437586263	1.09E-31	Negative
NDUFA11	GAS5	0.392564373	2.64E-25	Positive
NDUFA11	KLF3-AS1	-0.309361551	7.73E-16	Negative
NDUFA11	FIRRE	0.349839483	4.31E-20	Positive
NDUFA11	SNHG8	0.528086471	8.12E-48	Positive
NDUFA11	MSC-AS1	-0.354280567	1.35E-20	Negative
NDUFA11	LINC00896	0.335153107	1.79E-18	Positive
NDUFA11	NORAD	-0.532712361	8.87E-49	Negative
NDUFA11	SNHG7	0.467545251	1.67E-36	Positive
NDUFA11	LINC02591	-0.360451955	2.58E-21	Negative

Table S1 (continued)

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Disulfidptosis	LncRNA	cor	P value	Regulation
NDUFA11	POLR2J4	-0.407199833	2.83E-27	Negative
NDUFA11	N4BP2L2-IT2	-0.340937302	4.22E-19	Negative
NDUFA11	FAM201A	0.323427604	3.03E-17	Positive
NDUFA11	MIR924HG	0.334834749	1.93E-18	Positive
NDUFA11	OLMALINC	0.346417735	1.05E-19	Positive
NDUFA11	MAGI2-AS3	-0.309918927	6.82E-16	Negative
NDUFA11	GUSBP11	-0.397511045	5.85E-26	Negative
NDUFA11	GIHCG	0.309837321	6.95E-16	Positive
NDUFA11	DUBR	-0.31508054	2.12E-16	Negative
NDUFA11	PHKA2-AS1	0.414908549	2.37E-28	Positive
NDUFA11	MALAT1	-0.338547843	7.69E-19	Negative
NDUFA11	TPT1-AS1	-0.364683216	8.16E-22	Negative
NDUFA11	LINC01138	-0.345838349	1.21E-19	Negative
NDUFA11	CASC15	-0.334007315	2.37E-18	Negative
NDUFA11	LINC02525	0.30430403	2.38E-15	Positive
NDUFA11	TYMSOS	0.454447609	2.43E-34	Positive
NDUFA11	ZNF503-AS2	0.313934414	2.75E-16	Positive
NDUFA11	ERVK13-1	-0.408258233	2.02E-27	Negative
NDUFA11	GARS1-DT	-0.481958352	5.39E-39	Negative
NDUFA11	RBM5-AS1	-0.327245684	1.22E-17	Negative
NDUFA11	MIR17HG	0.311787674	4.48E-16	Positive
NDUFA11	EPB41L4A-AS1	0.305039133	2.02E-15	Positive
NDUFA11	SNHG29	0.37140418	1.26E-22	Positive
NDUFA11	CCDC183-AS1	-0.503765385	5.35E-43	Negative
NDUFA11	ARHGAP27P1-BPTFP1-KPNA2P3	-0.394736878	1.37E-25	Negative
NDUFA11	MIAT	-0.472160238	2.74E-37	Negative
NDUFA11	LINC00174	-0.489696534	2.21E-40	Negative
NDUFA11	DLEU1	0.433396583	4.70E-31	Positive
NDUFA11	MIR7-3HG	0.394886171	1.31E-25	Positive
NDUFA11	SNHG28	-0.382514409	5.24E-24	Negative
NDUFA11	LINC01004	-0.367709691	3.54E-22	Negative
NDUFA11	CNTFR-AS1	-0.321920457	4.33E-17	Negative
NDUFA11	LINC01816	0.32229358	3.96E-17	Positive
NDUFA11	LINC00205	-0.326517255	1.46E-17	Negative
NDUFA11	MROCK1	-0.310178194	6.44E-16	Negative
NDUFA11	ATP2A1-AS1	0.533671783	5.58E-49	Positive
NDUFA11	SNHG18	0.302567723	3.48E-15	Positive
NDUFA11	LINC01011	-0.384259746	3.14E-24	Negative
NDUFA11	LINC02145	-0.382130978	5.86E-24	Negative
NDUFA11	NEAT1	-0.422236049	2.11E-29	Negative
NDUFA11	MAP3K14-AS1	-0.333558915	2.64E-18	Negative
NDUFA11	MIR137HG	-0.316599836	1.49E-16	Negative
NDUFA11	MIF-AS1	0.568320968	1.05E-56	Positive
NDUFA11	RGMB-AS1	-0.381303291	7.45E-24	Negative
NDUFA11	NCAM1-AS1	-0.40135064	1.78E-26	Negative
NDUFA11	HOXD-AS2	0.328297988	9.50E-18	Positive
NDUFA11	RFPL1S	-0.331033205	4.90E-18	Negative
NDUFA11	LINC01128	-0.434134916	3.64E-31	Negative
NDUFA11	SNHG15	0.391898697	3.23E-25	Positive
NDUFA11	PRR34-AS1	0.353900578	1.49E-20	Positive
NDUFA11	SNHG1	0.466539955	2.47E-36	Positive
NDUFA11	CADM3-AS1	-0.391517034	3.63E-25	Negative
NDUFA11	DANCR	0.590774101	3.22E-62	Positive
NDUFA11	NBAT1	-0.30936242	7.73E-16	Negative
NDUFA11	SNHG16	0.489204372	2.71E-40	Positive
NDUFA11	LINC02693	-0.327589747	1.13E-17	Negative
NDUFA11	C1RL-AS1	-0.322430172	3.84E-17	Negative
NDUFA11	LINC00900	-0.305781335	1.72E-15	Negative
NDUFA11	ZFAS1	0.517892409	9.48E-46	Positive
NDUFA11	TAPT1-AS1	0.465881934	3.18E-36	Positive
NDUFA11	LINC00996	-0.37526032	4.24E-23	Negative
NDUFA11	LINC01121	0.323468788	3.00E-17	Positive
NDUFA11	LINC01116	0.318626333	9.34E-17	Positive
NDUFA11	VSTM2A-OT1	-0.354371861	1.31E-20	Negative
NDUFA11	SNHG5	0.348232599	6.55E-20	Positive
NDUFA11	LINC00839	0.3594353	3.40E-21	Positive
NDUFA11	PSMG3-AS1	-0.423344209	1.45E-29	Negative
NDUFA11	CCDC18-AS1	-0.544286944	2.99E-51	Negative
NDUFS1	LINC00654	0.320435235	6.13E-17	Positive
NDUFS1	LINC00685	-0.300971788	4.92E-15	Negative
NDUFS1	LINC01089	-0.301488475	4.40E-15	Negative
NDUFS1	GUSBP11	-0.31752472	1.21E-16	Negative
NDUFS1	ARHGAP27P1-BPTFP1-KPNA2P3	-0.313202555	3.25E-16	Negative
NDUFS1	HOXD-AS2	0.301671634	4.23E-15	Positive
NDUFS1	OIP5-AS1	0.371286665	1.30E-22	Positive
NUBPL	C2orf27A	0.314749353	2.28E-16	Positive
NUBPL	HCP5	-0.33653372	1.27E-18	Negative
NUBPL	DICER1-AS1	0.383212767	4.27E-24	Positive
NUBPL	FIRRE	0.302717348	3.36E-15	Positive
NUBPL	PCED1B-AS1	-0.35942782	3.41E-21	Negative
NUBPL	LINC00926	-0.332743634	3.23E-18	Negative
NUBPL	DHRS4-AS1	0.372415279	9.50E-23	Positive
NUBPL	SNHG10	0.353852318	1.51E-20	Positive
NUBPL	TRG-AS1	-0.32059865	5.90E-17	Negative
NUBPL	MORF4L2-AS1	0.301213473	4.67E-15	Positive
NUBPL	ACVR2B-AS1	0.372175046	1.02E-22	Positive
NUBPL	LINC00861	-0.313682281	2.91E-16	Negative
NUBPL	MIR4453HG	0.383002328	4.54E-24	Positive
NUBPL	FAM66D	0.306806778	1.37E-15	Positive
NUBPL	TNFRSF14-AS1	-0.375155824	4.37E-23	Negative
NUBPL	C1RL-AS1	-0.327872005	1.05E-17	Negative
NUBPL	ITGB2-AS1	-0.398602056	4.18E-26	Negative
NUBPL	LINC00996	-0.358685176	4.16E-21	Negative
NUBPL	PSMB8-AS1	-0.318892961	8.78E-17	Negative
OXSM	URB1-AS1	0.360453321	2.58E-21	Positive
OXSM	SNHG6	0.362827619	1.36E-21	Positive
OXSM	SNHG17	0.314007044	2.70E-16	Positive
OXSM	GAS5	0.414472409	2.73E-28	Positive
OXSM	HCP5	-0.304150173	2.46E-15	Negative
OXSM	DICER1-AS1	0.47316544	1.84E-37	Positive
OXSM	FIRRE	0.343269345	2.34E-19	Positive
OXSM	SNHG8	0.387955142	1.05E-24	Positive
OXSM	MSC-AS1	-0.398345489	4.52E-26	Negative
OXSM	LINC00896	0.426088863	5.76E-30	Positive
OXSM	NORAD	-0.328885909	8.24E-18	Negative
OXSM	SNHG7	0.33238229	3.53E-18	Positive
OXSM	LINC02591	-0.406984622	3.03E-27	Negative
OXSM	FAM201A	0.334049207	2.34E-18	Positive
OXSM	MIR22HG	-0.362766185	1.38E-21	Negative
OXSM	CEROX1	-0.330916811	5.04E-18	Negative
OXSM	DHRS4-AS1	0.312467821	3.84E-16	Positive
OXSM	PHKA2-AS1	0.469077468	9.20E-37	Positive
OXSM	DIRC3	0.320383981	6.20E-17	Positive
OXSM	ZNF667-AS1	0.406191729	3.90E-27	Positive
OXSM	MIR17HG	0.329142106	7.75E-18	Positive
OXSM	EPB41L4A-AS1	0.332242029	3.65E-18	Positive
OXSM	SNHG29	0.383772502	3.62E-24	Positive
OXSM	SNHG10	0.43536492	2.37E-31	Positive
OXSM	LINC00960	0.384273713	3.13E-24	Positive
OXSM	DLEU1	0.427249143	3.89E-30	Positive
OXSM	LINC01816	0.327345631	1.19E-17	Positive
OXSM	MORF4L2-AS1	0.382882645	4.70E-24	Positive
OXSM	MROCK1	-0.318310392	1.01E-16	Negative
OXSM	ATP2A1-AS1	0.3841704	3.22E-24	Positive
OXSM	ACVR2B-AS1	0.542525241	7.22E-51	Positive
OXSM	NEAT1	-0.380676614	8.94E-24	Negative
OXSM	IGFBP7-AS1	-0.306231406	1.55E-15	Negative
OXSM	MIF-AS1	0.383614832	3.79E-24	Positive
OXSM	MIR4453HG	0.307375354	1.20E-15	Positive
OXSM	SNHG1	0.380446178	9.56E-24	Positive
OXSM	DANCR	0.442982269	1.60E-32	Positive
OXSM	SNHG16	0.382974982	4.58E-24	Positive
OXSM	TNFRSF14-AS1	-0.350191976	3.94E-20	Negative
OXSM	LINC00665	0.366327914	5.19E-22	Positive
OXSM	C10orf55	-0.396871796	7.12E-26	Negative
OXSM	TOB1-AS1	0.308030675	1.04E-15	Positive
OXSM	ZFAS1	0.38784289	1.09E-24	Positive
OXSM	PITPNA-AS1	0.366082944	5.55E-22	Positive
OXSM	TAPT1-AS1	0.441151003	3.08E-32	Positive
OXSM	LINC01121	0.30532602	1.90E-15	Positive
OXSM	MIR9-3HG	0.322205422	4.05E-17	Positive

Table S1 (continued)

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Disulfidptosis	LncRNA	cor	P value	Regulation
RPN1	LINC00839	0.343838281	2.02E-19	Positive
RPN1	HCG27	-0.303230912	3.01E-15	Negative
RPN1	URB1-AS1	0.343113277	2.43E-19	Positive
RPN1	LINC01001	-0.349693276	4.48E-20	Negative
RPN1	LINC00265	-0.503133168	7.06E-43	Negative
RPN1	MAFG-DT	0.398265453	4.64E-26	Positive
RPN1	AFDN-DT	-0.440312497	4.15E-32	Negative
RPN1	KIAA0087	-0.491039133	1.26E-40	Negative
RPN1	UCKL1-AS1	-0.360723321	2.40E-21	Negative
RPN1	KLF3-AS1	-0.448143345	2.48E-33	Negative
RPN1	FIRRE	0.30379374	2.66E-15	Positive
RPN1	INE1	-0.333030144	3.01E-18	Negative
RPN1	RAD51-AS1	-0.32296793	3.38E-17	Negative
RPN1	BACE1-AS	-0.34416099	1.86E-19	Negative
RPN1	LINC02591	-0.314145387	2.62E-16	Negative
RPN1	POLR2J4	-0.480031449	1.18E-38	Negative
RPN1	N4BP2L2-IT2	-0.409703923	1.27E-27	Negative
RPN1	LINC01089	-0.309394069	7.68E-16	Negative
RPN1	MIR924HG	0.386428855	1.66E-24	Positive
RPN1	OLMALINC	0.301722534	4.18E-15	Positive
RPN1	ASMTL-AS1	-0.310573447	5.89E-16	Negative
RPN1	ATP6V0E2-AS1	-0.312181534	4.10E-16	Negative
RPN1	LINC01341	-0.418876886	6.43E-29	Negative
RPN1	GUSBP11	-0.494167885	3.36E-41	Negative
RPN1	TPT1-AS1	-0.55370268	2.47E-53	Negative
RPN1	LINC01138	-0.304626312	2.21E-15	Negative
RPN1	CASC15	-0.494805024	2.56E-41	Negative
RPN1	TYMSOS	0.408127657	2.11E-27	Positive
RPN1	ERVK13-1	-0.408822546	1.69E-27	Negative
RPN1	GARS1-DT	-0.500450382	2.27E-42	Negative
RPN1	RBM5-AS1	-0.320908396	5.49E-17	Negative
RPN1	SLFNL1-AS1	-0.340123883	5.18E-19	Negative
RPN1	MAP4K3-DT	-0.398881262	3.83E-26	Negative
RPN1	STAG3L5P-PVRIG2P-PILRB	-0.377712703	2.10E-23	Negative
RPN1	CCDC183-AS1	-0.560299637	7.81E-55	Negative
RPN1	ARHGAP27P1-BPTFP1-KPNA2P3	-0.425567829	6.87E-30	Negative
RPN1	MIAT	-0.580711731	1.08E-59	Negative
RPN1	LINC00174	-0.536700822	1.28E-49	Negative
RPN1	DLEU1	0.363330514	1.18E-21	Positive
RPN1	MIR7-3HG	0.302486242	3.54E-15	Positive
RPN1	SNHG28	-0.374634376	5.07E-23	Negative
RPN1	LINC01004	-0.352254423	2.29E-20	Negative
RPN1	CNTFR-AS1	-0.432805587	5.77E-31	Negative
RPN1	FAM13A-AS1	-0.34065098	4.54E-19	Negative
RPN1	ATP2A1-AS1	0.370919145	1.45E-22	Positive
RPN1	LINC01011	-0.387046511	1.38E-24	Negative
RPN1	LINC00574	-0.346519796	1.02E-19	Negative
RPN1	LINC02145	-0.503905459	5.03E-43	Negative
RPN1	KIF9-AS1	-0.34642977	1.04E-19	Negative
RPN1	MIR137HG	-0.3139614	2.73E-16	Negative
RPN1	NFYC-AS1	-0.338110931	8.57E-19	Negative
RPN1	MIF-AS1	0.407064384	2.95E-27	Positive
RPN1	RGMB-AS1	-0.393845155	1.79E-25	Negative
RPN1	NCAM1-AS1	-0.447478071	3.16E-33	Negative
RPN1	RFPL1S	-0.364596428	8.36E-22	Negative
RPN1	LINC01128	-0.41227862	5.56E-28	Negative
RPN1	LINC00930	-0.440628687	3.71E-32	Negative
RPN1	SNHG1	0.318518037	9.58E-17	Positive
RPN1	CADM3-AS1	-0.335455439	1.66E-18	Negative
RPN1	DANCR	0.342204898	3.06E-19	Positive
RPN1	NBAT1	-0.358757235	4.08E-21	Negative
RPN1	SLC25A25-AS1	-0.343449959	2.23E-19	Negative
RPN1	SNHG16	0.459060011	4.32E-35	Positive
RPN1	LINC02693	-0.327557816	1.13E-17	Negative
RPN1	TOB1-AS1	0.303852268	2.62E-15	Positive
RPN1	TAPT1-AS1	0.3748765	4.73E-23	Positive
RPN1	LINC00996	-0.30340959	2.89E-15	Negative
RPN1	VSTM2A-OT1	-0.368192513	3.10E-22	Negative
RPN1	PSMG3-AS1	-0.378531656	1.66E-23	Negative
RPN1	CCDC18-AS1	-0.48790441	4.66E-40	Negative
SLC3A2	HCG27	-0.357691863	5.43E-21	Negative
SLC3A2	URB1-AS1	0.345399208	1.36E-19	Positive
SLC3A2	EPB41L4A-DT	-0.431531931	8.97E-31	Negative
SLC3A2	LINC00265	-0.3130484	3.36E-16	Negative
SLC3A2	MAFG-DT	0.336033002	1.44E-18	Positive
SLC3A2	AFDN-DT	-0.345501603	1.32E-19	Negative
SLC3A2	SNHG17	0.313660973	2.93E-16	Positive
SLC3A2	KIAA0087	-0.456366395	1.19E-34	Negative
SLC3A2	MIR4435-2HG	0.34852076	6.08E-20	Positive
SLC3A2	KLF3-AS1	-0.357896427	5.14E-21	Negative
SLC3A2	FIRRE	0.390017202	5.69E-25	Positive
SLC3A2	SNHG8	0.364437898	8.73E-22	Positive
SLC3A2	SNHG7	0.342374174	2.93E-19	Positive
SLC3A2	BACE1-AS	-0.300396263	5.57E-15	Negative
SLC3A2	LINC02591	-0.323751184	2.81E-17	Negative
SLC3A2	POLR2J4	-0.476215261	5.47E-38	Negative
SLC3A2	N4BP2L2-IT2	-0.305459287	1.84E-15	Negative
SLC3A2	DDC-AS1	-0.340111728	5.19E-19	Negative
SLC3A2	FAM201A	0.333923355	2.42E-18	Positive
SLC3A2	OLMALINC	0.387712336	1.13E-24	Positive
SLC3A2	ATP6V0E2-AS1	-0.415163186	2.18E-28	Negative
SLC3A2	LINC01341	-0.357242894	6.12E-21	Negative
SLC3A2	GUSBP11	-0.313836548	2.81E-16	Negative
SLC3A2	DUBR	-0.492107331	8.02E-41	Negative
SLC3A2	PROX1-AS1	-0.338668416	7.46E-19	Negative
SLC3A2	TPT1-AS1	-0.439404825	5.73E-32	Negative
SLC3A2	LINC01138	-0.347350266	8.22E-20	Negative
SLC3A2	CASC15	-0.504566774	3.77E-43	Negative
SLC3A2	ERVK13-1	-0.305204407	1.95E-15	Negative
SLC3A2	GARS1-DT	-0.383910093	3.48E-24	Negative
SLC3A2	RBM5-AS1	-0.316813087	1.42E-16	Negative
SLC3A2	SLFNL1-AS1	-0.386326941	1.71E-24	Negative
SLC3A2	CCDC183-AS1	-0.465026214	4.43E-36	Negative
SLC3A2	ARHGAP27P1-BPTFP1-KPNA2P3	-0.307213825	1.25E-15	Negative
SLC3A2	LINC01235	0.31069614	5.73E-16	Positive
SLC3A2	MIAT	-0.437608285	1.08E-31	Negative
SLC3A2	LINC00174	-0.346974481	9.06E-20	Negative
SLC3A2	HAND2-AS1	-0.305049042	2.02E-15	Negative
SLC3A2	SNHG28	-0.346519327	1.02E-19	Negative
SLC3A2	LINC01004	-0.315484971	1.93E-16	Negative
SLC3A2	CNTFR-AS1	-0.422257463	2.09E-29	Negative
SLC3A2	LINC01006	-0.336078865	1.42E-18	Negative
SLC3A2	LINC01011	-0.35844858	4.43E-21	Negative
SLC3A2	LINC02145	-0.448394665	2.26E-33	Negative
SLC3A2	EPHA5-AS1	-0.33197062	3.90E-18	Negative
SLC3A2	KIF9-AS1	-0.366512556	4.93E-22	Negative
SLC3A2	MIR137HG	-0.437017096	1.33E-31	Negative
SLC3A2	NFYC-AS1	-0.357519828	5.68E-21	Negative
SLC3A2	HCG11	-0.353670242	1.58E-20	Negative
SLC3A2	MIR99AHG	0.341092826	4.06E-19	Positive
SLC3A2	MIF-AS1	0.323183556	3.21E-17	Positive
SLC3A2	RGMB-AS1	-0.385226945	2.36E-24	Negative
SLC3A2	NCAM1-AS1	-0.42290994	1.68E-29	Negative
SLC3A2	RFPL1S	-0.338622111	7.55E-19	Negative
SLC3A2	LINC01128	-0.482744217	3.91E-39	Negative
SLC3A2	SNHG15	0.307849228	1.08E-15	Positive
SLC3A2	CYTOR	0.408111234	2.12E-27	Positive
SLC3A2	LINC00930	-0.311979414	4.29E-16	Negative
SLC3A2	SNHG1	0.42790363	3.11E-30	Positive
SLC3A2	CADM3-AS1	-0.40508244	5.53E-27	Negative
SLC3A2	DANCR	0.348127152	6.73E-20	Positive
SLC3A2	NBAT1	-0.30476159	2.15E-15	Negative
SLC3A2	SNHG16	0.47359124	1.56E-37	Positive
SLC3A2	LINC02693	-0.309733963	7.11E-16	Negative
SLC3A2	LINC00900	-0.333061498	2.99E-18	Negative
SLC3A2	ZFAS1	0.317957219	1.09E-16	Positive
SLC3A2	TAPT1-AS1	0.338641	7.51E-19	Positive
SLC3A2	LINC00996	-0.376806972	2.73E-23	Negative
SLC3A2	LINC00957	-0.311818165	4.45E-16	Negative
SLC3A2	VSTM2A-OT1	-0.498174552	6.06E-42	Negative
SLC3A2	STARD4-AS1	-0.338231645	8.32E-19	Negative
SLC3A2	LINC00839	0.308786543	8.79E-16	Positive
SLC3A2	PSMG3-AS1	-0.401130016	1.91E-26	Negative
SLC3A2	CCDC18-AS1	-0.369356488	2.24E-22	Negative



**Table S3** The gene coefficient (coef) of eight disulfidptosis-related lncRNAs (DRLs)

Gene	Coef
<i>URB1-AS1</i>	0.162916552
<i>CASC15</i>	-0.051288179
<i>MIR7-3HG</i>	0.013206852
<i>FAM13A-AS1</i>	-0.165981247
<i>ATP2A1-AS1</i>	0.159384989
<i>VPS9D1-AS1</i>	0.12844152
<i>SNHG16</i>	0.11457447
<i>TOB1-AS1</i>	0.24818803