

Supplementary Table SI. The information of all differentially expressed lncRNAs (DELs)

Differentially expressed lncRNAs (DELs)			Differentially expressed mRNAs (DEGs)		
Gene	logFC	P-value	Gene	logFC	P-value
MCCC1-AS1	-0.6180173	0.000574126	FGL2	-0.81393612	0.002038851
MIR155HG	-0.4699218	0.006034058	ARHGEF3	-0.12566185	0.005555683
DBH-AS1	-0.2839808	0.004313316	LCA5	-0.43868473	0.001856227
GHRLOS	-0.6026612	0.004676268	TSPYL2	-0.28449319	0.006079336
CRNDE	-0.2599604	0.009268629	DLC1	-0.55952873	0.000327649
AL160400.1	-0.4683368	0.002115827	TIA1	-0.27786366	0.003372465
MIR22HG	-0.148112	0.00638909	GATA6	-0.34573422	0.004908342
AL355388.1	-0.5281847	0.001372482	SYNE3	-0.39643044	0.002447821
AL158206.1	-0.4779802	0.001866539	NISCH	-0.17628888	0.001492628
ZBTB40-IT1	-0.6793809	0.00048816	HPSE2	-1.07744958	0.003090477
AC093510.2	-0.3310165	0.00943281	ABCA8	-0.60497384	5.80E-05
ADAMTS9-AS2	-1.2962083	6.39E-05	TGFBR2	-0.24812195	0.005944413
AC003102.1	-0.2269522	0.009929753	FCRL2	-0.2089414	0.005696899
AL138995.1	-0.3148808	0.0010366	CLASP2	-0.30008482	6.73E-05
TRAF3IP2-AS1	-0.4312561	0.007333348	CD226	-0.68999686	0.000155487
LINC00337	0.4242365	0.001509467	PELI2	-0.41309695	0.003986423
LINC00324	-0.1992525	0.002611705	CD28	-0.35105697	0.00343515
MIR600HG	-0.2664319	0.006630647	YPEL5	-0.14203906	0.00343515
LINC00426	-0.4767811	0.000639915	FLT3	-0.27607516	0.00220147
Differentially expressed miRNAs (DEMs)			REV1	-0.26356567	0.000653494
miRNA	logFC	P-value	FNBP4	-0.22885028	0.003199061
hsa-mir-372	2.8051896	2.43E-09	AGO4	-0.2363869	0.000395113
hsa-mir-338	-0.5410304	0.000489417	CBX7	-0.30445939	0.001556996
hsa-mir-200a	-0.3485834	0.000806967	TAGAP	-0.32337681	0.002312201
hsa-mir-212	0.3344738	0.001146678	DMTF1	-0.38222651	0.008667866
hsa-mir-193b	0.3807151	0.001735979	RBM6	-0.19633674	0.003919732
hsa-mir-497	-0.2215635	0.005525285	ANKRD44	-0.54331051	0.000162265
hsa-mir-373	1.2590436	0.009835766	TTC14	-0.36555503	0.005472477
Differentially expressed mRNAs (DEGs)			DOCK10	-0.53140789	0.001741343
Gene	logFC	P-value	STK33	-0.41445396	0.001291674
NPC2	-0.27087988	0.007086226	RALGPS1	-0.26300938	0.004534861
RHOC	0.179368515	0.001693463	C20orf194	-0.33263893	9.92E-05
MTHFR	-0.25606159	0.000514691	GOLGA8A	-0.41753174	0.002382357
OIP5	0.363956548	0.00310719	SLFN12L	-0.66594652	0.002022097
ARGLU1	-0.12834339	0.008920939	KIFC1	0.355377526	1.98E-05
CLCN6	-0.12328288	0.009859464	CCDC30	-0.36811773	0.000386621
RPGR	-0.28474613	0.001866539	SLC9A9	-0.26623371	0.001940209
PBK	0.428372987	0.000351025	CD69	-0.37751355	0.000550295
HLF	-0.65904985	0.007606678	SKA3	0.293733122	0.000247159
EPM2AIP1	-0.31202526	2.72E-05	PYURF	-0.17763647	0.003894355
SRGAP3	-0.39704055	0.008240391	PRICKLE2	-0.39315815	4.04E-05
EZH1	-0.14702088	0.006140182	KIF5C	-0.06236428	0.000124995
CHKA	-0.26396567	0.004846281	MTMR10	-0.31006833	0.0018155
ACSM5	-0.49166128	0.008240242	GINS2	0.362112054	8.75E-05
IL10RA	-0.2590751	0.008814701	LY9	-0.31841943	0.000459614

Supplementary Table SI. Cont.

Differentially expressed mRNAs (DEGs)			Differentially expressed mRNAs (DEGs)		
Gene	logFC	P-value	Gene	logFC	P-value
DNAJC27	-0.22725609	0.000821618	FLI1	-0.18030793	0.005826754
KIF23	0.319952291	0.00012667	DCAF8	-0.1209602	0.009906274
LUC7L3	-0.19998064	0.003784452	ENTPD1	-0.19938626	0.009559977
CARF	-0.35905259	0.002171586	LRIG2	-0.35691598	0.002704606
UBP1	-0.22226932	4.85E-05	BTLA	-0.53677129	0.000793014
NUGGC	-0.31894261	0.000765337	MDM4	-0.43391538	0.002408348
ZNF785	-0.16816554	0.009136853	GOLGA8B	-0.3811791	0.007643803
WDR37	-0.27723829	5.82E-06	LAX1	-0.26352502	0.000702111
TAPT1	-0.29797002	0.000268515	BCL2	-0.17145726	0.000144143
FAM117A	-0.29890032	6.17E-05	OMG	-0.92251246	0.007191205
NBPF11	-0.28143793	0.00055701	S1PR1	-0.20365679	0.006500813
DDX5	-0.17084274	0.000122522	RCOR3	-0.30567918	2.94E-06
RBL2	-0.1893456	0.002382357	SACM1L	-0.26386761	5.25E-07
SPC25	0.392206949	4.68E-06	KBTBD3	-0.14738722	0.005376826
FCHSD2	-0.14316857	0.00357306	FAM221B	-0.18282	0.002965172
OGT	-0.44756071	0.001741343	CYP2U1	-0.24481413	0.001929524
BCL11B	-0.34194984	0.003764776	SCYL3	-0.16985541	0.002084151
KAT2B	-0.3161019	0.00014462	ZNF354B	-0.26798123	0.007279752
PPP1R16B	-0.28332702	0.004386051	CHEK1	0.253177383	0.000250337
CLEC2D	-0.4107246	0.006696434	PNISR	-0.29569225	0.001913597
HERPUD1	-0.14667269	0.000424257	KBTBD8	-0.41241593	0.000226675
KIF6	-0.54906579	0.002213529	MSANTD2	-0.17685317	0.002130373
ZC2HC1C	-0.24871306	0.008814701	P2RY13	-0.34009546	0.00334592
ZBTB40	-0.20870217	0.000615391	MYLIP	-0.26837433	0.006597972
C16orf54	-0.25261354	0.002225648	RASSF2	-0.3052147	0.000876558
PRKCB	-0.31114171	0.008523222	SEMA4D	-0.19287043	0.002225648

Supplementary Table SII. The prognosis-related lncRNAs, miRNA, and mRNAs from the ceRNA networks

miRNA	P-value	mRNA	P-value	lncRNA	P-value
hsa-mir-212	0,0002962	RHOC	0.00075381	LINC00324	0.0030553
		PRICKLE2	0.037540025	MIR600HG	0.0465249
		OIP5	0.001319372	LINC00426	0.0349513
		PBK	0.008678627	CRNDE	0.0007986
		HERPUD1	0.000453714		
		ENTPD1	0.040753682		
		CYP2U1	0.004257435		
		OGT	0.030567026		
		NISCH	0.002580615		
		ZBTB40	0.047164451		
		MTMR10	0.008847376		
		DLC1	0.01617439		
		HPSE2	0.007759198		
		EZH1	0.012119799		
		CLCN6	0.008121535		
		CD28	0.031676284		
		WDR37	0.020710915		
		KIF23	0.011103207		
		CBX7	0.001691619		
		CLEC2D	0.025850257		
		C16orf54	0.03749837		
		EPM2AIP1	0.023840888		
		LY9	0.003894498		
		STK33	0.000347072		
		CHEK1	0.001516463		
		ACSM5	0.008057725		
		RASSF2	0.004167454		
		NUGGC	0.024320531		
		DNAJC27	0.001511977		
		LAX1	0.009474299		
		RBL2	0.008331824		
		KBTBD8	0.004774915		
		KAT2B	0.007661048		
		NPC2	0.005569861		
		FLT3	0.017342995		
		RBM6	0.026977454		
		FLI1	0.049131168		
		AGO4	0.016170245		
		ZNF785	0.04953601		
		PPP1R16B	0.042345528		
		TAGAP	0.007111626		
		RALGPS1	0.006827834		
		IL10RA	0.025496682		

Supplementary Table SII. Cont.

miRNA	P-value	mRNA	P-value	lncRNA	P-value
		CD226	0.025904245		
		FAM117A	0.000124182		
		ARHGEF3	0.03000944		
		TAPT1	0.021321646		
		ANKRD44	0.002612616		
		SKA3	0.000615368		