

**Table S1.** Interaction between lncRNAs and Notch1 signalling in various health disorders.

Localisation	Disease	lncRNA	NOTCH1 expression	Cell line	Animal models	Patients	Reference
Cardiac system	Acute myocardial infarction	<i>XIST</i> ↑	↑	-	AMI rat model	-	[1]
	Calcific aortic valve disease	<i>H19</i> ↑	↓	VICs, Saos2, COS7	-	36 patients	[2]
	Myocardial infarction	<i>KCNQ1</i> <i>OT1</i> ↑	↑	-	C57BL/6 male mice	-	[3]
	Ischemic stroke	<i>H19</i> ↑	↓	-	male C57BL/6 J mice	40 patients	[4]
Immune system	T-ALL	<i>NALT1</i> ↑	↑	Jurkat cells	-	Bone marrow of 20 children	[5]
	Systemic sclerosis (SSc)	<i>HOTAIR</i> ↑	↑	-	-	12 adult patients	[6]
Neural system	Epilepsy	<i>NEAT1</i> ↑	↑	CTX-TNA	-	6 patients	[7]
	Intervertebral disc degeneration	<i>FAM83</i> <i>H-AS1</i> ↑	↑	-	-	10 patients	[8]
	Nasopharyngeal carcinoma	<i>SNHG1</i> 2↑	↑	SUNE1, CNE1, CNE2 68, HNE-1	-	139 tissue samples	[9]
Head and neck cancer	Esophageal cancer	<i>MALAT1</i> ↑	↑	TE-1, EC109, KYSE30, OE21	-	-	[10]
		<i>SNHG1</i> ↑	↑	Eca109, TE-1	-	72 patients	[11]
	Laryngeal cancer	<i>SNHG1</i> ↑	↑	-	-	42 patients (different tumour stages)	[12]
Digestive system cancer	Pancreatic carcinoma	<i>MACC1</i> - <i>AS1</i> ↑	↑	BxPC-3, PANC-1, MIA PaCa-2, KP-2, AsPC-1, Capan-1	-	2 cohorts (98 and 124 patients) primary tissues	[13]

	Gastric cancer	<i>NALT1</i> ( <i>LINC01573</i> ) ↑	↑	SGC-7901, BGC-823	-	336 patients after D2 lymph node dissected gastrectomy	[14]
		<i>LINC00346</i> ↑ (sponge for <i>miR-34a-5p</i> )	↑	MGC803, BGC823, MKN28, MKN45, SGC7901	Xenografts in athymic (nu/nu) mouse	58 gastric adenocarcinoma tissue samples	[15]
	Colorectal carcinoma	<i>FAM83H-AS1</i> ↑	↑	SW480, LoVo, HCT116, HT29	-	40 patients	[16]
		<i>MALAT1</i> ↑	↑	COLO205, HCT-116, LoVo, HT26, SW480	nude Balb/c mice	-	[17]
	Hepatocellular carcinoma	<i>LINC00261</i> ↓	↑	SMCC-7721, MHCC97L, MHCC97H	-	66 tissue samples	[18]
Reproductive tract	Ovarian cancer	<i>DLX6-AS1</i> ↑	↑	HEY, SKOV3, OVCAR-3	-	128 tissue samples	[19]
		<i>MALAT1</i> ↑	↑	A2780, OVCAR3, COC1, A2780/ CDDP, COC1/CD DP, OVCAR3/ DDP	-	20 paired tumour tissue samples	[20]
	Endometrial carcinoma (EC)	<i>MEG3</i> ↓	↑	HEC-1A, KLE	-	30 tumour tissue samples	[21]
		<i>DCST1-AS1</i> ↑	↑	HEC-1	-	62 patients	[22]
	Prostate carcinoma	<i>LINC01638</i> ↑	↑	-	-	42 patients	[23]

		<i>GHET1</i> ↑	↑	LNCap, C4-2	-	30 patients	[24]
Other cancers	Breast cancer	<i>linc-ROR</i> ↑	↓	MDA-MB-231	-	-	[25]
		<i>SNHG7</i> ↑	↑	-	-	37 pairs of tumour tissue samples	[26]
	Lung cancer	<i>NBR2</i> ↓	↑	-	-	50 NSCLC patients tissue samples	[27]
		<i>LBX2-ASI</i> ↑	↑	A549, PC9, H1975, SPC-A1, H1299	-	165 NSCLC patients	[28]
		<i>EGFR-ASI</i> ↓	↑	NCH-H460, NCH-H23	-	87 NSCLC patients	[29]
		<i>LET</i> ↓	↑	A549, 95D, NCI-H292, NCI-H1975	-	66 NSCLC patients	[30]
	Osteosarcoma	<i>MEG3</i> ↓	↑	MG-63, U2OS	-	-	[31]
		<i>NBR2</i> ↓	↑	MG-63, U2OS, SAOS-2	-	62 patients	[32]
		<i>CRNDE</i> ↑	↑	MG-63, SAOS-2, U2OS	-	72 patients	[33]

Abbreviations: ↑ represents upregulation, ↓ represents downregulation.