

# Long non-coding RNA CCAT1 as a diagnostic and prognostic molecular marker in various cancers: a meta-analysis

## SUPPLEMENTARY MATERIALS

**Supplementary Table 1: Characteristics of included studies**

Study (First author)	Year	Country	Cancer type	Total number	Detection method	Cut-off	CCAT1 expression								Survival analysis	Multivariate analysis	HR statistic	Hazard ratios (95%CI)	Follow-up months		
							LNM				TNM										
							Low	Low with LNM	Low without LNM	High	Low in LTS	Low in HTS	High	High with LNM						High without LNM	High in LTS
Jiang XM [12]	2017	China	CCA	91	qRT-PCR	Median	44	19	25	25	19	47	33	14	13	34	OS	Yes	Rep	2.250 (1.395–3.630)	50 (Total)
Zhang E [13]	2017	China	ESCC	90	qRT-PCR	Mean	45	19	26	23	22	45	29	16	17	28	OS	Yes	SC	2.88 (1.53–5.43)	60 (Total)
Dou CQ [14]	2017	China	HCC	40	qRT-PCR	Median	15	7	8	9	6	25	16	9	6	19	NA	No	NA	NA	NA
Zhu HQ [15]	2015	China	HCC	86	qRT-PCR	Median	43	NA	NA	NA	NA	43	NA	NA	NA	NA	OS	Yes	Rep	3.33 (1.60–6.96)	40 (Total)
Deng L [16]	2015	China	HCC	66	qRT-PCR	Median	33	NA	NA	NA	NA	33	NA	NA	NA	NA	OS	No	SC	1.36 (0.40–4.65)	30 (Total)
Lv L [17]	2017	China	MEL	30	qRT-PCR	Median	15	NA	NA	NA	NA	15	NA	NA	NA	NA	OS	No	SC	1.93 (0.86–4.30)	60 (Total)
Zhou BG [18]	2016	China	GC	30	qRT-PCR	Median	15	NA	NA	11	4	15	NA	NA	4	11	NA	No	NA	NA	NA
Zhang XF [19]	2015	China	BRC	92	qRT-PCR	Mean	43	3	40	35	8	49	15	34	19	30	OS	Yes	Rep	2.891 (1.483–6.215)	60 (Total)
He X [20]	2014	China	CC	48	qRT-PCR	Median	24	6	18	19	5	24	15	9	9	15	OS	No	SC	1.92 (0.81–4.55)	40 (Total)

CCA: cholangiocarcinoma, ESCC: esophageal squamouscell carcinoma, HCC: hepatocellular carcinoma, GC: gastric cancer, BRC: breast cancer, CC: colon cancer, qRT-PCR: quantitative real-time polymerase chain reaction, LNM: lymph node metastasis, TNM: tumor stage, LTS: low tumor stage(I, II), HTS: high tumor stage(III, IV), OS: overall survival, NA: not available, Rep: reported, SC: survival curve.