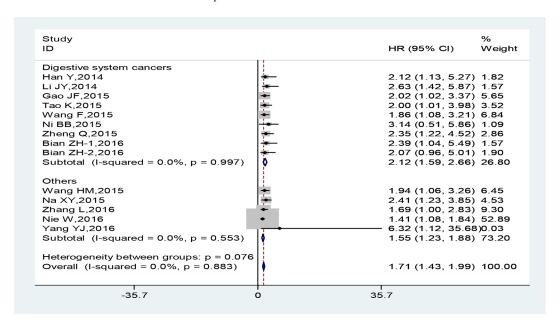
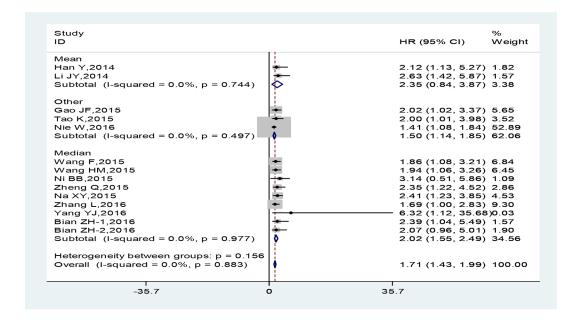
Prognostic value of long non-coding RNA UCA1 in human solid tumors

Supplementary Materials

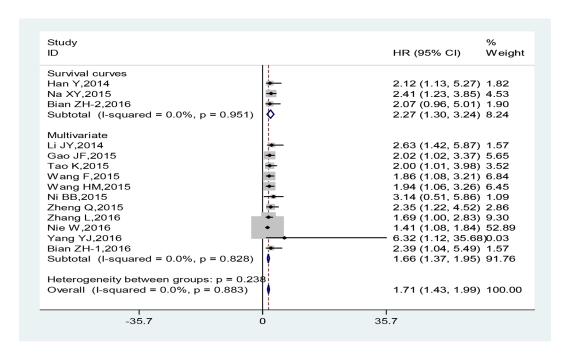
(1) Association between lncRNA-UCA1 expression and OS:



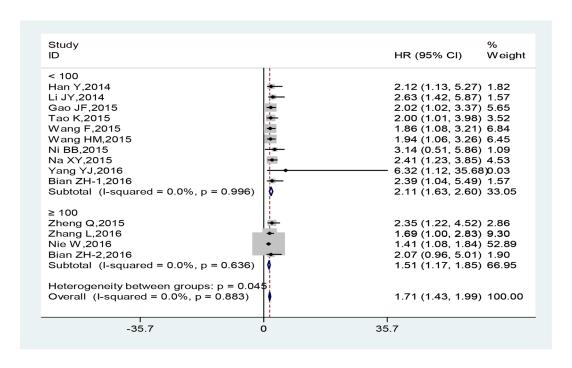
Supplementary Figure S1: Meta-analysis for the pooled HRs of OS stratified by the cancer type.



Supplementary Figure S2: Meta-analysis for the pooled HRs of OS stratified by the cutoff value.

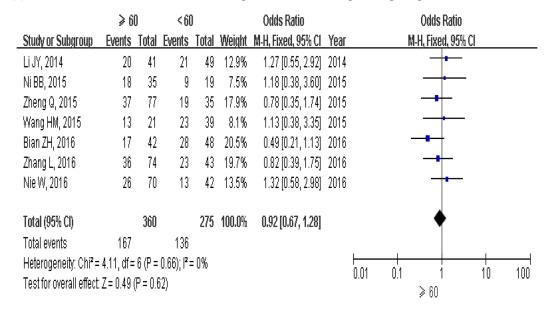


Supplementary Figure S3: Meta-analysis for the pooled HRs of OS stratified by the analysis type.

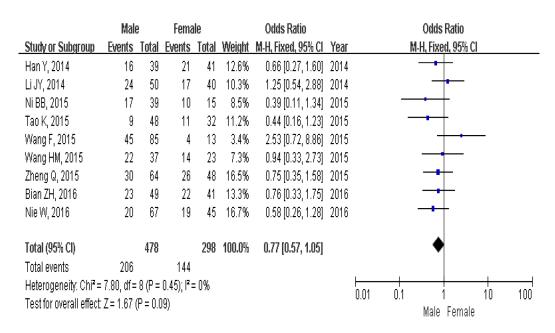


Supplementary Figure S4: Meta-analysis for the pooled HRs of OS stratified by the sample size.

(2) Association between lncRNA-UCA1 expression and clinicopathological parameters:



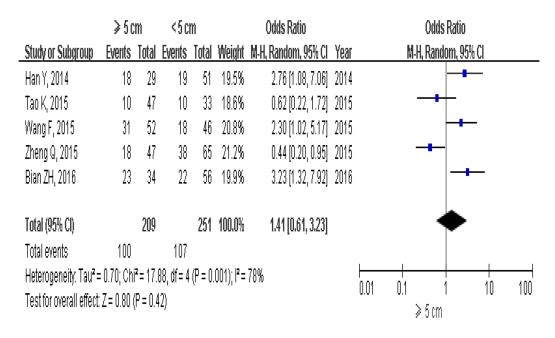
Supplementary Figure S5: The correlation between lncRNA-UCA1 expression and age.



Supplementary Figure S6: The correlation between lncRNA-UCA1 expression and gender (male vs. female).

	High expre	ssion	Low expre	ssion		Odds Ratio		Odds Ratio			
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl	Year	M-H, Fixed, 95% Cl			
Han Y, 2014	17	37	18	43	27.3%	1.18 [0.49, 2.86]	2014	-			
Zheng Q, 2015	35	56	37	56	42.1%	0.86 [0.39, 1.86]	2015	-			
Ni BB, 2015	5	27	3	27	7.4%	1.82 [0.39, 8.51]	2015				
Bian ZH, 2016	30	45	23	45	23.2%	1.91 [0.82, 4.48]	2016	+			
Total (95% CI)		165		171	100.0%	1.26 [0.80, 1.99]		*			
Total events	87		81								
Heterogeneity: Chi ² = 2.12, df = 3 (P = 0.55); I ² = 0%								 			
Test for overall effect: $Z = 1.00$ (P = 0.32)								0.01 0.1 1 10 100 High expression Low expression			

Supplementary Figure S7: The correlation between lncRNA-UCA1 expression and lymphatic invasion (present vs. absent).



Supplementary Figure S8: The correlation between lncRNA-UCA1 expression and tumour size.

	Poorly and others		Poorly and others Well and moderately		Odds Ratio			Odds Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl	Year	M-H, Fixed, 95% Cl
Han Y, 2014	15	22	22	58	6.6%	3.51 [1.24, 9.94]	2014	
Tao K, 2015	6	22	14	58	9.6%	1.18 [0.39, 3.59]	2015	
Ni BB, 2015	12	22	15	32	9.6%	1.36 [0.46, 4.04]	2015	- • -
Wang F, 2015	22	53	27	45	29.4%	0.47 [0.21, 1.06]	2015	- 1
Yang YJ, 2016	10	21	17	32	12.1%	0.80 [0.27, 2.42]	2016	
Bian ZH, 2016	10	16	35	74	8.0%	1.86 [0.61, 5.64]	2016	+-
Zhang L, 2016	31	61	28	56	24.7%	1.03 [0.50, 2.13]	2016	+
Total (95% CI)		217		355	100.0%	1.12 [0.78, 1.59]		*
Total events	106		158					
Heterogeneity: Chi ² = 10.29, df = 6 (P = 0.11); i ² = 42%								04 04 4 40 400
Test for overall effect: $Z = 0.61$ (P = 0.54)							0.	01 0.1 1 10 100 Poorly and others Well and moderately

Supplementary Figure S9: The correlation between lncRNA-UCA1 expression and tumor differentiation (poorly/others vs. well/moderately).

	High expre	ssion	Low expression			Odds Ratio		Odds Ratio				
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl	Year	M-H, Fixed, 95% Cl				
Li,2014	22	41	12	49	15.4%	3.57 [1.46, 8.74]	2014					
Tao,2015	13	20	21	60	11.1%	3.45 [1.19, 9.96]	2015					
Ni,2015	12	27	5	27	8.4%	3.52 [1.03, 12.07]	2015	-				
Wang HM,2015	26	36	8	24	8.1%	5.20 [1.70, 15.92]	2015					
Zhang,2016	26	59	12	58	20.5%	3.02 [1.33, 6.84]	2016					
Yang,2016	13	27	5	26	8.0%	3.90 [1.14, 13.39]	2016					
Nie,2016	14	39	21	73	28.4%	1.39 [0.61, 3.17]	2016	+				
Total (95% CI)		249		317	100.0%	2.98 [2.06, 4.30]		•				
Total events	126		84									
Heterogeneity: Chi²=	: 4.72, df = 6 (- 										
Test for overall effect	: Z = 5.82 (P =	U.	High expression Low expression									

Supplementary Figure S10: The correlation between lncRNA-UCA1 expression and lymph node metastasis (yes vs. no).

	High expression Low expressio					Odds Ratio		Odds Ratio			
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl	Year	M-H, Fi	xed, 95% (
Han Y, 2014	7	37	7	43	38.7%	1.20 [0.38, 3.81]	2014	_	+		
Ni BB, 2015	6	27	1	27	5.7%	7.43 [0.83, 66.62]	2015			•	—
Wang F, 2015	30	49	11	49	31.4%	5.45 [2.25, 13.20]	2015		_	-	
Bian ZH, 2016	8	45	4	45	24.2%	2.22 [0.62, 7.97]	2016		+	_	
Total (95% CI)		158		164	100.0%	3.14 [1.77, 5.58]			•	•	
Total events	51		23								
Heterogeneity: Chi²=	- 	14 0.4	+	40	400						
Test for overall effect $Z = 3.90 (P < 0.0001)$)1 0.1 High expressio	ı n Lowex	10 pression	100

Supplementary Figure S11: The correlation between lncRNA-UCA1 expression and distant metastasis (yes vs. no).

	+	٧	[+]	I		Odds Ratio		Odds Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% Cl
Han Y, 2014	17	37	20	43	17.7%	0.98 [0.40, 2.36]	2014	-
Li JY, 2014	30	51	11	39	9.1%	3.64 [1.49, 8.88]	2014	
Wang F, 2015	37	55	12	43	7.8%	5.31 [2.22, 12.71]	2015	
Tao K, 2015	14	36	6	44	5.8%	4.03 [1.35, 12.00]	2015	
Zheng Q, 2015	42	73	14	39	13.7%	2.42 [1.08, 5.40]	2015	-
Ni BB, 2015	14	19	13	35	4.3%	4.74 [1.39, 16.21]	2015	
Nie W, 2016	12	22	27	90	8.5%	2.80 [1.08, 7.26]	2016	
Zhang L, 2016	39	64	20	51	15.4%	2.42 [1.14, 5.14]	2016	-
Yang YJ, 2016	20	32	7	21	5.6%	3.33 [1.05, 10.59]	2016	
Bian ZH, 2016	31	53	14	37	12.1%	2.31 [0.98, 5.47]	2016	-
Total (95% CI)		442		442	100.0%	2.76 [2.08, 3.68]		•
Total events	256		144					
Heterogeneity: Chi²=	9.54, df=	9 (P=	0.39); 2:					
Test for overall effect: Z = 6.95 (P < 0.00001)								0.01 0.1 1 10 100

Supplementary Figure S12: The correlation between lncRNA-UCA1 expression and TNM stage (III–IV vs. I–II).