

Supplementary Table 1 Characteristics of included studies.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Zhu et al[1]	2020	China	gastric cancer	LINC00963	Tissue	50		NA	qRT-PCR	60	Median	SC
Yue et al[2]	2020	China	gastric cancer	LncRNA RPPH1	Tissue	60		NA	qRT-PCR	40	Normal	SC
Fan et al [3]	2020	China	gastric cancer	lnc RNA CCDC144NL-AS1	Tissue	72		NA	qRT-PCR	150	Normal	HR/SC
Zhong et al[4]	2020	China	gastric cancer	LINC00242	Tissue	68		NA	qRT-PCR	80	Normal	SC
Wang et al [5]	2020	China	gastric cancer	lncRNA LIFR-AS1	Tissue	265	DFS,265	Y	qRT-PCR	120	Median	HR/SC
Wang et al[6]	2020	China	gastric cancer	lncRNA RNA RGMB-AS1	Tissue	67		NA	qRT-PCR	60	Median	SC
Tang et al[7]	2020	China	gastric cancer	lncRNA TPT1-AS1	Tissue	76		Y	qRT-PCR	60	Median	HR/SC
Ai et al[8]	2020	China	gastric cancer	LINC00858	Tissue	189	189,DFS	NA	qRT-PCR	60	Normal	HR/SC
Chen et al[9]	2020	China	gastric cancer	lncRNA ERICH3-AS1	Tissue	373	373,DFS	Y	qRT-PCR	126	Median	HR/SC
You Shuai[10]	2020	China	gastric cancer	lncRNA MNX1-AS1	Tissue	87	87,DFS	NA	qRT-PCR	36	Median	SC
Rui Zhang[11]	2019	China	gastric cancer	lncRNA SNHG12	Tissue	335		Y	qRT-PCR	47	Median	HR/SC
Jijun Yan[12]	2019	China	gastric cancer	LncRNA LINC00470	Tissue	60		NA	qRT-PCR	66	Median	SC
Zhang et al[13]	2019	China	gastric cancer	LncRNA PTCSC3	Plasma	68		NA	qRT-PCR	60	Normal	SC
Qu et al[14]	2019	China	gastric cancer	LncRNA AOC4P	Tissues	80	DFS,80	NA	qRT-PCR	60	Normal	SC
He et al[15]	2019	China	gastric cancer	lncRNA UCA1	Tissues	60		NA	qRT-PCR	61	Median	SC
Zhai et al[16]	2019	China	gastric cancer	lncRNA BCYRN1	Tissues	127		Y	qRT-PCR	96	Median	HR/SC
Fu et al[17]	2019	China	gastric cancer	LncRNA E2F	Tissues	64		NA	qRT-PCR	60	Normal	SC
Xuan et al[18]	2019	China	gastric cancer	LncRNA SNHG3	Tissues	60		NA	qRT-PCR	72	Normal	SC
Xu et al[19]	2019	China	gastric cancer	LncRNA LINC01225	Tissues	109		NA	qRT-PCR	48	Median	SC
Wang et al[20]	2019	China	gastric cancer	LncRNA CASC19	Tissues	351		Y	qRT-PCR	124	Median	HR/SC
Zheng et al[21]	2019	China	gastric cancer	LncRNA RNA KRT19P3	Tissues	84		Y	qRT-PCR	48	Normal	HR/SC
Shi et al[22]	2019	China	gastric cancer	LncRNA CADM1-AS1	Tissues	120		Y	qRT-PCR	60	Normal	HR/SC
Nie et al[23]	2019	China	gastric cancer	lncRNA p4516	Tissues	60		Y	qRT-PCR	61	Normal	HR/SC
Guo et al[24]	2019	China	gastric cancer	LncRNA PCAT-1	Tissues	38		NA	qRT-PCR	60	Normal	SC
Li et al[25]	2019	China	gastric cancer	lncRNA CASC2	Tissues	37		NA	qRT-PCR	66	Normal	SC
Zhao et al[26]	2019	China	gastric cancer	lncRNA RNA SNHG12	Tissues	56		NA	qRT-PCR	60	Normal	SC
Liu et al[27]	2019	China	gastric cancer	lncRNA HOXA11-AS	Tissues	94		Y	qRT-PCR	60	Normal	HR/SC
Huang et al[28]	2019	China	gastric cancer	lncRNA TRPM2-AS	Tissues	124		Y	qRT-PCR	60	Median	HR/SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Chai et al[29]	2019	China	gastric cancer	lncRNA ZEB1-AS1	Tissues	224		Y	qRT-PCR	96	Normal	HR/SC
Huang et al[30]	2019	China	gastric cancer	lncRNA ADPGK-AS1	Tissues	60		NA	qRT-PCR	60	Normal	SC
Zhang et al[31]	2019	China	gastric cancer	lncRNA STCAT16	Tissues	59		Y	qRT-PCR	48	Normal	HR/SC
Zhang et al[32]	2019	China	gastric cancer	lncRNA LINC00460	Tissues	90		Y	qRT-PCR	60	Median	HR/SC
Wang et al[33]	2019	China	gastric cancer	lncRNA MVIH	Tissues	152		Y	qRT-PCR	100	Normal	HR/SC
Zhang et al[34]	2019	China	gastric cancer	lncRNA MNX1-AS1	Tissues	96		Y	qRT-PCR	60	Median	HR/SC
Zhang et al[35]	2019	China	gastric cancer	lncRNA RNA AOC4P	Tissues	63		Y	qRT-PCR	50	Median	HR/SC
Zhang et al[36]	2019	China	gastric cancer	lncRTNA RNA LINC02532	Tissues	52		NA	qRT-PCR	80	Median	SC
Chen et al[37]	2019	China	gastric cancer	lncRNA SNHG17	Tissues	153	153,PFS	Y	qRT-PCR	60	Normal	HR/SC
Xu et al[38]	2018	China	gastric cancer	LINC00346	Tissues	106	106,DFS	NA	qRT-PCR	48	Median	SC
Wang et al[39]	2019	China	gastric cancer	lncRNA LINC00958	Tissues	200		Y	qRT-PCR	46	Normal	HR/SC
Chen et al[40]	2019	China	gastric cancer	LINC01939	Tissues	160	160,PFS	Y	qRT-PCR	108	Normal	HR/SC
Li et al[41]	2019	China	gastric cancer	lncRNA MIR22HG	Tissues	43		NA	qRT-PCR	60	Normal	SC
Han et al[42]	2018	China	gastric cancer	LINC02465	Tissues	98		NA	qRT-PCR	60	Normal	SC
Feng et al[43]	2018	China	gastric cancer	lncRNA LINC - PINT	Tissues	72		NA	qRT-PCR	60	Normal	SC
Xie et al[44]	2018	China	gastric cancer	LINC00707	Tissues	60		NA	qRT-PCR	36	Median	SC
Zeng et al[45]	2018	China	gastric cancer	lncRNA XLOC_006753	Tissues	110		Y	qRT-PCR	108	Median	HR/SC
Miao et al[46]	2018	China	gastric cancer	lncRNA NORAD	Tissues	101		NA	qRT-PCR	48	Median	SC
Yu et al[47]	2018	China	gastric cancer	lncRNA MRPL39	Tissues	60		NA	qRT-PCR	60	Median	SC
Li et al[48]	2018	China	gastric cancer	lncRNA CASC2	Tissues	42		NA	qRT-PCR	60	Normal	SC
Lin et al[49]	2018	China	gastric cancer	lncRNA RNA SNHG8	Tissues	217		Y	qRT-PCR	54	Median	HR/SC
Wang et al[50]	2018	China	gastric cancer	lncRNA RNA AB007962	Tissues	96		Y	qRT-PCR	54	Median	HR/SC
Wu et al[51]	2018	China	gastric cancer	lncRNA MaP3K1-2	Tissues	91		Y	qRT-PCR	48	Median	HR/SC
Zhang et al[52]	2018	China	gastric cancer	lncRNA TP73-AS1	Tissues	76		Y	qRT-PCR	60	Normal	SC
Cao et al[53]	2018	China	gastric cancer	lncRNA ADAMTS9-AS2	Tissues	71		NA	qRT-PCR	36	Normal	SC
Zhang et al[54]	2018	China	gastric cancer	LINC00473	Tissues	120		NA	qRT-PCR	72	Median	HR/SC
Chen et al[55]	2018	China	gastric cancer	LINC01939	Tissues	120		Y	qRT-PCR	96	Median	HR/SC
Pang et al[56]	2018	China	gastric cancer	lncRNA RNA LINC00857	Tissues	60		NA	qRT-PCR	60	Normal	SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Chen et al[57]	2018	China	gastric cancer	lncRNA RNA NNT-AS1	Tissues	48		NA	qRT-PCR	60	Median	SC
Zhang et al[58]	2018	China	gastric cancer	lncRNA RNA UFC1	Tissues	79		NA	qRT-PCR	30	Normal	SC
Zou et al[59]	2018	China	gastric cancer	lncRNA RNA 00324	Tissues	66		NA	qRT-PCR	36	Median	HR/SC
Zhao et al[60]	2018	China	gastric cancer	lncRNA AFAP1-AS1	Tissues	80		NA	qRT-PCR	36	Median	SC
Xu et al[61]	2018	China	gastric cancer	lncRNA FOXD2-AS1	Tissues	106		NA	qRT-PCR	36	Median	HR/SC
Liu et al[62]	2018	China	gastric cancer	lncRNA RNA ZEB1-AS1	Tissues	75		Y	qRT-PCR	36	Normal	HR/SC
Zhang et al[63]	2018	China	gastric cancer	lncRNA DQ786243	Tissues	172		Y	qRT-PCR	60	Median	HR/SC
Ye et al[64]	2018	China	gastric cancer	lncRNA AFAP1-AS1	Tissues	66		Y	qRT-PCR	36	Median	HR/SC
Zhang et al[65]	2018	China	gastric cancer	lncRNA MT1JP	Tissues	80		NA	qRT-PCR	60	Median	SC
Zhang et al[66]	2018	China	gastric cancer	lncRNA AK096174	Tissues	32		NA	qRT-PCR	40	Normal	SC
Li et al[67]	2018	China	gastric cancer	lncRNA RNA M26317	Tissues	436		NA	qRT-PCR	60	Median	SC
Dong et al[68]	2018	China	gastric cancer	lncRNA RNA Lnc01614	Tissues	79		NA	qRT-PCR	60	Normal	SC
Xu et al[69]	2019	China	gastric cancer	lncRNA HOTAIR	Tissues	54		Y	qRT-PCR	54	Normal	SC
Endo et al[70]	2013	Japan	gastric cancer	lncRNA HOTAIR	Tissues	36+32		NA	qRT-PCR	60	Normal	SC
Xu et al[71]	2013	China	gastric cancer	lncRNA HOTAIR	Tissues	83		NA	qRT-PCR	78	Normal	HR/SC
Zhang et al[72]	2015	China	gastric cancer	lncRNA HOTAIR	Tissues	50		NA	qRT-PCR	48	Median	SC
Chen et al[73]	2017	China	gastric cancer	lncRNA HOTAIR	Tissues	65		Y	qRT-PCR	64	Median	HR/SC
Feng et al[74]	2017	China	gastric cancer	lncRNA HOTAIR	Tissues	32		NA	qRT-PCR	84	Normal	SC
Han et al[75]	2021	China	gastric cancer	lncRNA H19	Tissues	47		Y	qRT-PCR	36	Median	HR/SC
				lncRNA SIRT6								SC
Tian et al[76]	2020	China	gastric cancer	lncRNA AK093987	Tissues	78		Y	qRT-PCR	37	Median	HR/SC
Peng et al[77]	2020	China	gastric cancer	lncRNA CECR7	Tissues	78		Y	qRT-PCR	36	Median	HR/SC
Wang et al[78]	2020	China	gastric cancer	lncRNA H19	Serum	87		Y	qRT-PCR	35	Median	HR/SC
				lncRNA MEG3								SC
Zhou et al[79]	2020	China	gastric cancer	lncRNA SGOL1-AS1	Tissues	45		NA	qRT-PCR	48	Median	HR/SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Zhang et al[80]	2020	China	gastric cancer	lncRNA RNA RAB1A-2	Tissues	68		NA	qRT-PCR	84	Median	SC
Zhong et al[81]	2020	China	gastric cancer	lncRNA ZDHHC8P1	Tissues	83		Y	qRT-PCR	81	Median	HR/SC
				lncRNA MEG3								SC
				lncRNA TUG1								SC
Wu et al[82]	2020	China	gastric cancer	lncRNA MIAT	Serum	120		NA	qRT-PCR	50		SC
Zhang et al[83]	2020	China	gastric cancer	lncRNA NET1	Tissues	84		NA	qRT-PCR	84	Median	HR/SC
Zhang et al[84]	2020	China	gastric cancer	lncRNA SATB2-AS1	Tissues	78		NA	qRT-PCR	156	Median	HR/SC
Luo et al[85]	2020	China	gastric cancer	lncRNA RP11-169F17.1	Tissues	54		Y	qRT-PCR	100	Normal	HR/SC
Li et al[86]	2020	China	gastric cancer	lncRNA LOXL1-AS1	Tissues	89		NA	qRT-PCR	156	Normal	HR/SC
Zhao et al[87]	2019	China	gastric cancer	lncRNA HOTAIR	Tissues	246		Y	qRT-PCR	60	Normal	HR/SC
Zhang et al[88]	2018	China	gastric cancer	lncRNA AOC4P	Tissues	63		NA	qRT-PCR	50	Median	HR/SC
Feng et al[89]	2018	China	gastric cancer	lncRNA AFAP1-AS1	Tissues	91		Y	qRT-PCR	66	Median	HR/SC
Hu et al[90]	2014	China	Gastric cancer	lncRNA RNA GAPLINC	Tissue		90,DFS	NA	qRT-PCR	76	Median	SC
Xu et al[91]	2014	China	Gastric cancer	lncRNA FENDRR	Tissue	158	158,PFD	Y	qRT-PCR	48	Median	HR/SC
Guo et al[92]	2018	China	GCA	lncRNA C5orf66-AS1	Tissue	125		Y(OR)	qRT-PCR	66	Normal	SC
Dong et al[93]	2018	China	Gastric cancer	lncRNA lnc01614	Tissue	79		NA	qRT-PCR	60	Normal	SC
Ma et al[94]	2018	China	Gastric cancer	lncRNA SFTA1P	Tissue	68		NA	qRT-PCR	36	Median	SC
Zhao et al[95]	2018	China	Gastric cancer	lncRNA HOTTIP	Serum	126		Y	qRT-PCR	66	Normal	HR/SC
Quan et al[96]	2018	China	Gastric cancer	lncRNA MLK7-AS1	Tissue	123	123,PFS	Y	qRT-PCR	72	Normal	HR/SC
Chen et al[97]	2018	China	Gastric cancer	lncRNA HAGLROS	Tissue	84	84,DFS	NA	qRT-PCR	40	Median	HR/SC
Zhang et al[98]	2018	China	Gastric cancer	lncRNA SNHG12	Tissue	60	60,DFS	NA	qRT-PCR	60	Median	SC
Zeng et al[99]	2018	China	Gastric cancer	lncRNA LINC00675	Tissue	45;80		NA	qRT-PCR	84	Median	SC
Qin et al[100]	2018	China	Gastric cancer	lncRNA 01296	Tissue	60		NA	qRT-PCR	60	Normal	SC
Wu et al[101]	2017	China	Gastric cancer	lncRNA FEZF1-AS1	Tissue	104	104,DFS	NA	qRT-PCR	80	Median	SC
Ba et al[102]	2017	China	Gastric cancer	lncRNA LINC00673	Tissue	79	79,DFS	Y	qRT-PCR	66	Median	HR/SC
Hu et al[103]	2017	China	Gastric cancer	lncRNA SNHG1	Tissue	50		NA	qRT-PCR	60	Median	HR/SC
Yan et al[104]	2017	China	Gastric cancer	lncRNA SNHG6	Tissue	78		NA	qRT-PCR	60	Median	SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Hao et al[105]	2017	China	Gastric cancer	lncRNA DANCR	Tissue	118		NA	qRT-PCR	98	Normal	SC
Wu et al[106]	2017	China	Gastric cancer	lncRNA RNA CCAT2	Tissue	208		Y	qRT-PCR		Normal	HR/SC
Liu et al[107]	2017	China	Gastric cancer	lncRNA CARLo-5	Tissue	240	240,RFS	Y(RR)	qRT-PCR	60	Normal	HR/SC
Huang et al[108]	2017	China	Gastric cancer	lncRNA LINC00673	Tissue	73	73,DFS	NA	qRT-PCR	42	Normal	SC
Qi et al[109]	2017	China	Gastric cancer	lncRNA AGAP2-AS1	Tissue	50	50,PFS	NA	qRT-PCR	50	Median	SC
Liu et al[110]	2017	China	Gastric cancer	lncRNA FEZF1-AS1	Tissue		82,DFS	NA	qRT-PCR	42	Normal	SC
Zuo et al[111]	2017	China	Gastric cancer	lncRNA UCA1	Tissue	37		Y	qRT-PCR	36	Median	HR/SC
Yu et al[112]	2017	China	Gastric cancer	lncRNA linc00261	Tissue		80,DFS	NA	qRT-PCR		Median	SC
Xu et al[113]	2017	China	Gastric cancer	lncRNA PVT1	Tissue		190,DFS,DSS	NA	qRT-PCR	84	median	HR/SC
Zeng et al[114]	2017	China	Gastric cancer	lncRNA RP11-513G11.1	Tissue	92	92,PFS	Y	qRT-PCR	60	Mean	HR/SC
Wang et al[115]	2017	China	Gastric cancer	lncRNA HOTAIR	Tissue	45		Y	qRT-PCR	150	Normal	SC
Feng et al[116]	2017	China	Gastric cancer	lncRNA RAB11B-AS1	Tissue	83	83,PFS	NA	qRT-PCR	54	Normal	HR/SC
Zou et al[117]	2016	China	Gastric cancer	lncRNA Sox2ot	Tissue	155	155,DFS	Y	qRT-PCR	66	median	HR/SC
Zhao et al[118]	2016	China	Gastric cancer	lncRNA SNHG5	Tissue		84,DFS	NA	qRT-PCR	48	median	SC
Sun et al[119]	2016	China	Gastric cancer	lncRNA HOXA11-AS	Tissue	85	85,PFS	NA	qRT-PCR	36	median	SC
Chen et al[120]	2016	China	Gastric cancer	lncRNA XIST	Tissue	106		NA	qRT-PCR	102	median	SC
Jin et al[121]	2016	China	Gastric cancer	lncRNA HULC	Serum	54		NA	qRT-PCR	32	Normal	SC
Nie et al[122]	2016	China	Gastric cancer	lncRNA ZFAS1	Tissue	54	54,PFS	NA	qRT-PCR	36	Median	SC
Sun et al[123]	2016	China	Gastric cancer	lncRNA BC04195	Tissue	165		NA	qRT-PCR	72	Median	HR/SC
Ye et al[124]	2016	China	Gastric cancer	lncRNA GCInc1	Tissue	105		NA	qRT-PCR	72	Median	HR/SC
				lncRNA HOTTIP	Tissue	98		Y(RR)	qRT-PCR	60	Median	HR/SC
Fu et al[125]	2016	China	Gastric cancer	lncRNA NEAT1	Tissue	140		Y	qRT-PCR	96	Median	HR/SC
Shang et al[126]	2016	China	Gastric cancer	lncRNA UCA1	Tissue		77,DFS	Y	qRT-PCR	72	Normal	HR/SC
Yuan et al[127]	2016	China	Gastric cancer	lncRNA RNA PVT1	Tissue	111	111,DFS	Y	qRT-PCR	48	Median	HR/SC
Zhang et al[128]	2016	China	Gastric cancer	lncRNA TUG1	Tissue	100		Y	qRT-PCR	60	Median	HR/SC
Zhang et al[129]	2016	China	Gastric cancer	lncRNA LINC00668	Tissue	106		Y	qRT-PCR	60	Median	HR/SC
Ma et al[130]	2016	China	Gastric cancer	lncRNA DUXAP8	Tissue	72	72,PFS	NA	qRT-PCR	36	Median	SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Ma et al[131]	2016	China	Gastric cancer	lncRNA PANDAR	Tissue	100	100,DFS	Y	qRT-PCR	36	Median	HR/SC
Ma et al[132]	2016	China	IGC	lincRNA KrT18P55	Tissue	97	97,DSS	NA	qRT-PCR	54	Median	SC
Song et al[133]	2016	China	Gastric cancer	12 lncRNAs ^a	Tissue	120		Y	qRT-PCR	84	Normal	HR/SC
Chen et al[134]	2016	China	Gastric cancer	lincRNA 00152	Tissue	97		Y	qRT-PCR	60	Median	HR/SC
Nie et al[135]	2016	China	Gastric cancer	lncRNA RNA MIR31HG	Tissue	42	42,PFS	NA	qRT-PCR	36	Median	SC
Chen et al[136]	2016	China	Gastric cancer	lncRNA RNA SNHG15	Tissue	106	106,DFS	Y	qRT-PCR	36	Median	HR/SC
Meng et al[137]	2016	China	Gastric cancer	lncRNA MEG3	Tissue	55		NA	qRT-PCR	36	Normal	SC
Lv et al[138]	2016	China	Gastric cancer	lncRNA RNA BC032469	Tissue	68		NA	qRT-PCR	24	Normal	SC
Fei et al[139]	2016	China	Gastric cancer	lncRNA LINC00982	Tissue	106	106,DFS	Y	qRT-PCR	48	Median	HR/SC
Sun et al[140]	2016	China	Gastric cancer	lncRNA ACI38128.1	Tissue	94	94,DFS	NA	qRT-PCR	82	Median	SC
Chen et al[141]	2015	China	Gastric cancer	lncRNA RP11-119F7.4	Tissue	96	96,DFS		qRT-PCR	82	Median	SC
				lncRNA MALAT2	Tissue	73	73,DFS	NA	qRT-PCR	72	Normal	SC
Chen et al[142]	2015	China	Gastric cancer	lncRNA HIF1A-AS2	Tissue	83		Y	qRT-PCR	60	Median	HR/SC
Hu et al[143]	2015	China	Gastric cancer	lncRNA linc-UBC1	Tissue	85		NA	qRT-PCR	84	Median	SC
Xie et al[144]	2015	China	Gastric cancer	lncRNA HOXA-AS2	Tissue	55	55,DFS	NA	qRT-PCR	48	Median	SC
Lai et al[145]	2015	China	Gastric cancer	lncRNA FER1L4	Tissue	89		Y	qRT-PCR	60	Normal	HR/SC
Li et al[146]	2015	China	Gastric cancer	lncRNA BANCR	Tissue	184		Y	qRT-PCR	93	Median	HR/SC
Liu et al[147]	2015	China	DGC	linc HOTAIR	Tissue		61,DFS	NA	qRT-PCR		Normal	SC
Kong et al[148]	2015	China	Gastric cancer	lncRNA PVT1	Tissue	80	80,DFS	Y	qRT-PCR	36	Median	HR/SC
Qi et al[149]	2015	China	Gastric cancer	lncRNA TUSC7	Tissue		78,DFS,DSS	NA	qRT-PCR	72	Normal	SC
Peng et al[150]	2015	China	Gastric cancer	lncRNA SPRY4-IT1	Tissue	175	175,DFS	Y	qRT-PCR	60	Median	HR/SC
Saito et al[151]	2015	Japan	Gastric cancer	lncRNA ATB	Tissue	105		Y	qRT-PCR	120	Median	HR/SC
Sun et al[152]	2015	China	Gastric cancer	5 lncRNAs ^b	Tissue	165		NA	qRT-PCR	70	Normal	HR/SC
Wang et al[153]	2015	China	Gastric cancer	lncRNA GAS1	Tissue	105		NA	qRT-PCR	70	Normal	HR/SC
Zhao et al[154]	2015	China	GAC	lncRNA HOTAIR	Tissue	168		Y	qRT-PCR	66	Median	HR/SC
Zheng et al[155]	2015	China	Gastric cancer	lncRNA UCA1	Tissue	112	112,DFS	Y	qRT-PCR	60	Median	HR/SC
Wang et al[156]	2015	China	Gastric cancer	lncRNA GC240	Tissue	58		Y	qRT-PCR	60	Normal	HR/SC
Wang et al[157]	2014	China	Gastric cancer	lncRNA MRUL	Tissue		40,DFS	NA	qRT-PCR	18	Median	SC

Table 1. Continued.

First author	Year	Country	Pathological type	Expression sit	Sample	OS Size	DFS/PFS/DSS /RFS Size	Clinical features	Assay	Follow-up (Months)	Cut-off	Outcome
Sun et al[158]	2014	China	Gastric cancer	lncRNA GAS5	Tissue	89	89,DFS	Y	qRT-PCR	36	Median	HR/SC
Li et al[159]	2014	China	Gastric cancer	lncRNA H19	Tissue	74		NA	qRT-PCR	53	Normal	SC
Zhang et al[160]	2014	China	Gastric cancer	lncRNA ANRIL	Tissue	120	120,DFS	Y	qRT-PCR	56	Normal	HR/SC
Liu et al[161]	2014	China	Gastric cancer	lncRNA HOTAIR	Tissue	78		NA	qRT-PCR	48	Median	SC
Zhang et al[162]	2014	China	Gastric cancer	lncRNA H19	Tissue	80		Y	qRT-PCR	60	Normal	HR/SC
Zhou et al[163]	2014	China	Gastric cancer	lncRNA LET	Tissue	93		N(RR)	qRT-PCR	60	Normal	HR/SC
Xu et al[164]	2014	China	Gastric cancer	lncRNA LSINCT5	Tissue		71,DFS,DSS	Y	qRT-PCR	66	Median	HR/SC
Okugawa et al[165]	2014	America	Gastric cancer	lncRNA MALAT1 lncRNA HOTAIR	Tissue	150		Y	qRT-PCR	60	Normal	HR/SC
Zhang et al[166]	2014	China	Gastric cancer	lncRNA LINC00628	Tissue	82		Y	qRT-PCR	72	Median	HR/SC
Yang et al[167]	2013	China	Gastric cancer	lncRNA GHET1 lncRNA MEG3	Tissue	42 72		NA NA	qRT-PCR qRT-PCR	40 48	Median Median	SC SC
Sun et al[168]	2013	China	Gastric cancer									
Park et al[169]	2013	Korea	Gastric cancer	lincRNA BM742401	Tissue	113		Y	qRT-PCR	80	Median	HR/SC

^a, lncRNA XLOC_010235, lncRNA CACNA1C-AS3, lncRNA INTS7, lncRNA AC104699.1, lncRNA TSNAX-DISC1, lncRNA PRSS21, lncRNA RP11789C1.1, lncRNA RP11-528G1.2, lncRNA MYLK-AS1, lncRNA RP11-643M14.1, lncRNA GS1-5L10.1, lncRNA AP001439.2.

^b,lncRNA GAS1, lncRNA BC041951, lncRNA AK094163, lncRNA NST00000430239, lncRNA NR_024373.

OS,overall survival;SC, survival curve; DFS,disease-free survival; PFS,progression-free survival;DSS, Disease Specific Survival; RFS, recurrence-free survival;NA, data unavailable;Y,data available;qRT-PCR, quantitative real-time PCR;GCA,Gastric cardia adenocarcinoma;DGC,Diffuse-type gastric cancerdtc (intestinal-type gastric cancer and Intestinal-type gastric cancer);GAC,Gastric adenocarcinoma.

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