

Supplemental Table 1. Long non-coding RNAs with prognostic value in CRC according to the Lnc2Cancer 2.0 database

LncRNA name	No. of references	Cancer name	Methods	Expression pattern	Drug resistant	Circulating	Prognostic	Pubmed ID
H19	6	colorectal cancer	microarray, qPCR, RIP, ChIP etc.	differential expression	X	X	✓	27789274
H19		colorectal cancer	qPCR, Western blot, RIP, Flow cytometry assay etc.	up-regulated	X	X	✓	26989025
H19		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
H19		colorectal cancer	qPCR, Western blot, Luciferase reporter assay etc.	up-regulated	X	X	✓	29754471
H19		colorectal cancer	qPCR, RNAi, Western blot, Luciferase reporter assay etc.	up-regulated	X	X	✓	28164117
H19		colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	28781681
CRNDE	5	colorectal cancer	qPCR, microarray, RIP, Western blotting etc.	up-regulated	X	X	✓	28594403
CRNDE		colorectal cancer	qPCR, RNAi, Western blot, Luciferase reporter assay, FISH, MTT assay etc.	up-regulated	✓	X	✓	28086904
CRNDE		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27042112
CRNDE		colorectal cancer	qPCR, Western blot etc.	up-regulated	X	✓	✓	27888803
CRNDE		colorectal cancer	qPCR, Western blot etc.	up-regulated	X	✓	✓	29137379
HOTAIR	5	colorectal cancer	qPCR etc.	up-regulated	X	✓	✓	24583926
HOTAIR		colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	21862635
HOTAIR		colorectal cancer	qPCR, RIP, Western Blot etc.	down-regulated	X	✓	✓	28918035
HOTAIR		colorectal cancer	qPCR, Western blot, Luciferase report assay etc.	up-regulated	X	X	✓	28364379
HOTAIR		colorectal cancer	qPCR, Luciferase reporter assay, Western blot, RIP	up-regulated	X	X	✓	29680837
MALAT1	5	colorectal cancer	RT-qPCR, Western blot, in vitro knockdown	up-regulated	✓	X	✓	29328404
MALAT1		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
MALAT1		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	25031737

MALAT1		colorectal cancer	qPCR, RNAi, Western blot, RIP, CHIP, Cell migration and invasion assay etc.	up-regulated	✓	X	✓	28069878
MALAT1		colorectal cancer	qPCR, Western blot, etc.	down-regulation	✓	X	✓	29964337
CCAT2	4	colorectal cancer	qPCR	up-regulated	✓	X	✓	29181105
CCAT2		colorectal cancer	qPCR etc.	up-regulated	✓	✓	✓	28838211
CCAT2		colorectal cancer	qPCR, RNAi, Western blot, Luciferase reporter assay etc.	differential expression	X	X	✓	26853146
CCAT2		colorectal cancer	qPCR, RIP etc.	up-regulated	X	X	✓	23796952
GAS5	4	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	27591862
GAS5		colorectal cancer	qPCR, Flow cytometry assay etc.	down-regulated	X	X	✓	25326054
GAS5		colorectal cancer	qPCR etc.	up-regulated	X	✓	✓	29630521
GAS5		colorectal cancer	qRT-PCR, Western blot	down-regulated	X	X	✓	29308053
MEG3	4	colorectal cancer	qPCR	down-regulated	X	X	✓	28731151
MEG3		colorectal cancer	qPCR etc.	down-regulated	X	X	✓	27391432
MEG3		colorectal cancer	qPCR, Western blot, Flow cytometry assay etc.	down-regulated	X	X	✓	25636452
MEG3		colorectal cancer	Western blot, Luciferase reporter assay, in vitro knockdown etc.	down-regulated	X	X	✓	29628342
PVT1	4	colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	29512788
PVT1		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
PVT1		colorectal cancer	microarray, qPCR, RNAi, Western blot etc.	up-regulated	X	X	✓	24196785
PVT1		colorectal cancer	qPCR, etc.	up-regulated	✓	X	✓	29888675
AFAP1-AS1	3	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
AFAP1-AS1		colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	27261589
AFAP1-AS1		colorectal cancer	qPCR, CHIP, RIP, Western blot, etc.	up-regulated	X	X	✓	29888110
BLACAT1	3	colorectal cancer	qPCR, RNAi, Western blot, RIP, CHIP, Flow cytometry assay, Cell proliferation assay etc.	up-regulated	X	X	✓	28277544
BLACAT1		colorectal cancer	qPCR	up-regulated	X	✓	✓	28406230

BLACAT1		colorectal cancer	qPCR, RNAi, Western blot, Flow cytometry assay, Cell proliferation assay etc.	up-regulated	X	X	✓	28260919
CCAT1	3	colorectal cancer	qPCR etc.	up-regulated	✓	✓	✓	28838211
CCAT1		colorectal cancer	qPCR etc.	down-regulated	X	✓	✓	26823726
CCAT1		colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	24594601
LINC00152	3	colorectal cancer	qPCR, Western blot etc,	up-regulated	✓	X	✓	29180678
LINC00152		colorectal cancer	qPCR	up-regulated	X	X	✓	29345294
LINC00152		colorectal cancer	qPCR, Western blot, etc.	down-regulation	X	X	✓	29956750
NEAT1	3	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	26314847
NEAT1		colorectal cancer	qPCR, Western blot, Flow cytometry assay etc.	up-regulated	X	✓	✓	28013491
NEAT1		colorectal cancer	qPCR, RNAi, Cell proliferation assay, Cell invasion assay etc.	up-regulated	X	✓	✓	26552600
XIST	3	colorectal cancer	qPCR, Western blot	up-regulated	✓	X	✓	29137332
XIST		colorectal cancer	Microarray, qPCR etc.	down-regulated	X	X	✓	29484395
XIST		colorectal cancer	qPCR, Western blot	down-regulated	X	X	✓	28837144
91H	2	colorectal cancer	qPCR, Western blot	up-regulated	X	✓	✓	29410604
91H		colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	25058480
ANRIL	2	colorectal cancer	qPCR, RNAi, Western blot, Northern blot etc.	up-regulated	X	X	✓	27286457
ANRIL		colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	27314206
BANCR	2	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	28969673
BANCR		colorectal cancer	microarray, qPCR etc.	up-regulated	X	✓	✓	27591862
FAM83H-AS1	2	colorectal cancer	RT-qPCR, Western blot, in vitro knockdown	up-regulated	X	X	✓	29434883
FAM83H-AS1		colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	27895773
FEZF1-AS1	2	colorectal cancer	qPCR, RNAi, Flow cytometry assay, Cell proliferation assay etc.	up-regulated	X	X	✓	26848625
FEZF1-AS1		colorectal cancer	qPCR, microarray, RNA-seq, Luciferase reporter assay, RIP, Western blot, etc.	up-regulated	X	X	✓	29914894

FTX	2	colorectal cancer	qPCR, RNAi etc.	up-regulated	X	X	✓	26629053
FTX		colorectal cancer	qPCR, RIP, etc.	up-regulated	X	X	✓	29925853
GAPLINC	2	colorectal cancer	microarray, qPCR, Western blot, RNA pull-down assay etc.	up-regulated	X	X	✓	27259250
GAPLINC		colorectal cancer	qPCR, Western blot, Luciferase reporter assay, in vitro knockdown etc.	up-regulated	✓	X	✓	29427222
NORAD	2	colorectal cancer	qPCR, Western blot, Luciferase reporter assay etc.	down-regulated	X	X	✓	29524886
NORAD		colorectal cancer	qRT-PCR, Western blot, in vitro knockdown, Luciferase reporter assay	up-regulated	X	X	✓	29471886
PANDAR	2	colorectal cancer	qPCR, RNAi, MTT assay etc.	up-regulated	X	X	✓	28106228
PANDAR		colorectal cancer	qPCR, RNAi, Western blot, Flow cytometry assay, Cell proliferation assay etc.	up-regulated	X	X	✓	27629879
PCAT-1	2	colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	27591862
PCAT-1		colorectal cancer	qPCR etc.	up-regulated	X	X	✓	23640607
PlncRNA-1	2	colorectal cancer	Western blot etc.	up-regulated	X	X	✓	29738066
PlncRNA-1		colorectal cancer	qPCR, Western blot, in vitro knockdown etc.	up-regulated	X	X	✓	28835319
SNHG1	2	colorectal cancer	qPCR, Western blot	up-regulated	X	X	✓	29416759
SNHG1		colorectal cancer	qPCR, Western blot	up-regulated	X	X	✓	29340086
SNHG7	1	colorectal cancer	Microarray, qPCR, RIP, Luciferase reporter assay, Western blot, etc.	down-regulation	X	X	✓	29970122
SNHG7		colorectal cancer	qPCR, Western blot, Dual luciferase reporter assays, RIP, etc.	up-regulated	X	X	✓	29915311
SPRY4-IT1	2	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	28099409
SPRY4-IT1		colorectal cancer	qPCR, RNAi, Western blot, Cell proliferation assay etc.	up-regulated	X	X	✓	27621655
TUG1	2	colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	26856330

TUG1		colorectal cancer	qPCR, western blot, Luciferase reporter assay etc.	up-regulated	X	X	✓	29776371
TUSC7	2	colorectal cancer	qPCR, Cell transfection, Western blot, Luciferase reporter assay, CCK-8 assay etc.	down-regulated	X	X	✓	28214867
TUSC7		colorectal cancer	qPCR etc.	down-regulated	X	X	✓	23680400
ZFAS1	2	colorectal cancer	qPCR, Luciferase reporter assay	up-regulated	X	X	✓	29179614
ZFAS1		colorectal cancer	qPCR, RNAi, Cell migration and invasion assay etc.	up-regulated	X	X	✓	27461828
AK123657	1	colorectal cancer	microarray, qPCR, RNAi etc.	down-regulated	X	X	✓	24809982
BCAR4	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
BX648207	1	colorectal cancer	microarray, qPCR, RNAi etc.	down-regulated	X	X	✓	24809982
BX649059	1	colorectal cancer	microarray, qPCR, RNAi etc.	down-regulated	X	X	✓	24809982
CCAL	1	colorectal cancer	microarray, qPCR etc.	up-regulated	✓	X	✓	25994219
CCAT4	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	up-regulated	X	X	✓	25663692
CCAT6	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	up-regulated	X	X	✓	25663692
CCAT7	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	down-regulated	X	X	✓	25663692
CCAT8	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	down-regulated	X	X	✓	25663692
CPS1-IT1	1	colorectal cancer	qPCR, Western blot	down-regulated	X	X	✓	29145177
DANCR	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	26617879
DLEU7-AS1	1	colorectal cancer	qPCR, Western blot	up-regulated	X	X	✓	29364477
DPP10-AS1	1	colorectal cancer	Microarray, qPCR, Western blot, Luciferase reporter assay	up-regulated	X	X	✓	28918047
DQ786243	1	colorectal cancer	qPCR, RNAi, Western blot etc.	up-regulated	X	X	✓	26934980
DUXAP10	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	28779166
ENST00000547547	1	colorectal cancer	qPCR, Western blot, RIP	down-regulated	✓	X	✓	29115526
FOXD2-AS1	1	colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	28925486
GHRLOS	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	29187879
HIF1A-AS1	1	colorectal cancer	qPCR	up-regulated	X	✓	✓	28946548

HIF1A-AS2	1	colorectal cancer	qRT-PCR, Western blot, Luciferase reporter assay, RIP	up-regulated	X	X	✓	29278853
HNF1A-AS1	1	colorectal cancer	qPCR, Western blot, RNAi	up-regulated	X	X	✓	29145164
HOXA-AS2	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27596298
HOXA11-AS	1	colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	29050308
HOXD-AS1	1	colorectal cancer	qPCR, Western blot, Luciferase reporter assay etc	up-regulated	X	X	✓	29749477
HULC	1	colorectal cancer	qPCR, RNAi, Western blot, ChIP, RNA pull-down assay etc.	up-regulated	X	X	✓	27496341
LINC00174	1	colorectal cancer	qPCR, Luciferase reporter assay etc.	up-regulated	X	X	✓	29729381
LINC00460	1	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	27591862
LINC00659	1	colorectal cancer	microarray, qPCR etc.	up-regulated	✓	X	✓	29523145
LINC00959	1	colorectal cancer	qPCR, Western blot, RNAi etc.	down-regulated	X	X	✓	29228592
LINC01021	1	colorectal cancer	qPCR, Luciferase reporter assay, Western blot etc.	up-regulated	✓	X	✓	29262524
LINC01133	1	colorectal cancer	qPCR	down-regulated	X	X	✓	28537675
lnc-GNAT1-1	1	colorectal cancer	qPCR, RNAi, Western blot, Flow cytometry assay, Cell proliferation assay etc.	down-regulated	X	✓	✓	27912775
lncRNA-422	1	colorectal cancer	qPCR	down-regulated	X	X	✓	29050940
lncRNA-AK098783	1	colorectal cancer	Microarray, qPCR etc.	up-regulated	X	X	✓	29590393
lncRNA-ATB	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	25750289
lncRNA-CLMAT3	1	colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	26050227
lncRNA-HEIH	1	colorectal cancer	qPCR, Luciferase reporter assay, Western blot etc.	up-regulated	X	X	✓	29081216
lncRNA-RP11-317J10.2	1	colorectal cancer	qPCR	down-regulated	X	X	✓	29073791
lncRNA00673	1	colorectal cancer	qPCR	up-regulated	X	X	✓	29461596
lncTCF7	1	colorectal cancer	qPCR, Western blot	up-regulated	X	X	✓	29344178
LOC554202	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	27831651
LSINCT5	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	25526476
LUCAT1	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	29762830
MIR100HG	1	colorectal cancer	qPCR etc.	up-regulated	✓	X	✓	29035371

MXN1-AS1	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	up-regulated	X	X	✓	25663692
NNT-AS1	1	colorectal cancer	qPCR, RNAi, Western blot, Cell proliferation assay, Cell migration and invasion assay etc.	up-regulated	X	X	✓	27966450
NONHSAT062994	1	colorectal cancer	qPCR, Western blot etc.	down-regulated	X	X	✓	28978149
NR_026817	1	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	27591862
NR_029373	1	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	27591862
NR_046321	1	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	27591862
OIP5-AS1	1	colorectal cancer	Microarray, qPCR, Western blot etc.	down-regulated	X	X	✓	29773344
PART1	1	colorectal cancer	qPCR, Western blot, luciferase reporter assay	up-regulated	X	X	✓	28619512
RP11-909B2.1	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	29737552
RPL34-AS1	1	colorectal cancer	microarray, qPCR etc.	down-regulated	X	X	✓	24908062
SBDSP1	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	28975982
SLC25A25-AS1	1	colorectal cancer	qPCR, RNAi, Western blot etc.	down-regulated	✓	✓	✓	27553025
SLCO4A1-AS1	1	colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	27147563
SNHG12	1	colorectal cancer	qPCR, RNAi, Western blot, Flow cytometry assay, MTT assay etc.	up-regulated	X	X	✓	28225893
SNHG15	1	colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	27147563
SNHG16	1	colorectal cancer	qPCR, RNAi etc.	down-regulated	X	X	✓	24519959
SNHG17	1	colorectal cancer	qPCR, RIP, Western blot etc.	up-regulated	X	X	✓	28933484
SNHG20	1	colorectal cancer	qPCR, RNAi, Western blot, Flow cytometry assay, Cell proliferation assay etc.	up-regulated	X	X	✓	27543107
SNHG3	1	colorectal cancer	qPCR, Luciferase reporter assay, RIP, Western blot	up-regulated	X	X	✓	28731158
SNHG6	1	colorectal cancer	qRT-PCR, in vitro knockdown	up-regulated	X	X	✓	29506878
SOX21-AS1	1	colorectal cancer	qPCR, Luciferase reporter assay, RIP	up-regulated	X	X	✓	29217166
u50535	1	colorectal cancer	qPCR, western blot, Luciferase reporter assay, RNA-seq, etc.	up-regulated	X	X	✓	29970882
uc.388	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	22328099

uc.73	1	colorectal cancer	qPCR etc.	down-regulated	X	X	✓	22328099
uc002pyc	1	colorectal cancer	microarray, qPCR, Luciferase reporter assay etc.	up-regulated	X	X	✓	25663692
UCA1	1	colorectal cancer	qPCR, Western blot, RIP, Luciferase reporter assay etc.	up-regulated	✓	X	✓	27046651
UCC	1	colorectal cancer	qPCR, RNAi, RIP	up-regulated	X	X	✓	28492554
UXT-AS1	1	colorectal cancer	qPCR, Western blot	up-regulated	X	X	✓	28401004
VIM-AS1	1	colorectal cancer	qPCR, Western blot, in vitro knockdown etc.	up-regulated	X	X	✓	29656793
VPS9D1-AS1	1	colorectal cancer	microarray, qPCR etc.	up-regulated	X	X	✓	27895773
XLOC_010588	1	colorectal cancer	qPCR, Western blot, in vitro knockdown etc.	up-regulated	X	X	✓	29436686
Yiya	1	colorectal cancer	qPCR etc.	up-regulated	X	X	✓	27391432
ZEB1-AS1	1	colorectal cancer	qPCR, Western blot etc.	up-regulated	X	X	✓	28618933

The table was constructed according to the Lnc2Cancer 2.0 database (<http://www.bio-bigdata.com/lnc2cancer/>) contains the lncRNAs with prognostic value in CRC sorted by number of references. Prognostic lncRNAs also described in circulating form are marked with green background. The references are represented with PubMed IDs.