

Supplementary Materials: Table
Table S1. Primer sequences employed.

mRNA	Sequences
H2ac19 F	ACAAGCTGCTGGGCAAAGTGAC
H2ac19 R	CTTATGGTGGCTCTCCGTCTTCTTG
Spp1 F	AAACACACAGACTTGAGCAATC
Spp1 R	TTAGGGTCTAGGACTAGCTTGT
Slc34a1 F	CCTGAGGAATCACAGTCTCATT
Slc34a1 R	CCACGAAGATATGGTTGCATT
Nphs1 F	CATCCAGGAGTGTTCCTTCG
Nphs1 R	CAGGAACTCTGGAGGGTATAAC
Lpl F	CCTGATGACGCTGATTTGTAG
Lpl R	CAATGAAGAGATGAATGGAGCG
Kap F	TCTCTGTTCAGTGGTTGCCTTAAC
Kap R	GGAAGCCACAGTCAGACCACAG
Umod F	ATATTTACAACCTTGACAGCGCC
Umod R	TGATGTTGGAGTCTGTTTACA
Keg1 F	AGAAGAGCCAGAAGTTCATTGA
Keg1 R	TCTGAACAGTGAAGTTAGCCTT
Cyp2e1 F	CCAACTCTGGACTCCCTTTTAT
Cyp2e1 R	ACGCCTTGAAATAGTCACTGTA
GAPDH F	ACAACCTTGGTATCGTGGAAGG
GAPDH R	GCCATCACGCCACAGTTTC

miRNA	Sequences
miR-19b-1-5p F	GTTAGTTTTGCAGGTTGCATCC
miR-27b-3p F	AGGTGCAGAGCTTAGCTGAT
miR-11987 F	CGAGGAATCTCTGGTGGAGG
miR-128-1-5p F	GTTGGATTGCGGGCCGTAG
miR-466b-5p F	TCATTAGTGTGAGTATGTGTGTGT
U6 F	CTCGCTTCGGCAGCACATATACT
U6 R	ACGCTTCACGAATTTGCGTGTC

circRNA	Sequences
mmu_circ_0006286F	TGCTGCGTCCAACATAAACAAC TG
mmu_circ_0006286R	GGGCTGCTGGCACTCACATTG
mmu_circ_0003133F	GAGCACGCTATGAGAGATACAGTGG
mmu_circ_0003133R	ACCAAACTGCAAGGAGGAAGGAC
mmu_circ_0013551F	CAACAAAGAGGCTGAAGGGAGAGAG
mmu_circ_0013551R	GGAGATTGGCAGACGGATGACAG
mmu_circ_0013415F	CAGTCGCCTCGGTGCCTATAATG
mmu_circ_0013415R	GCCATCCTGATCCAGAACCTCATCC
mmu_circ_0003030F	CAGTCCCAACCTTTGAGCAATGTC
mmu_circ_0003030R	GCGTAGACCTCCATGCACCAAG
mmu_circ_0000284F	ATGACACCTGAGCAGGAGGAGAC
mmu_circ_0000284R	CTACTCTACTAAGCGGTAACCACTG
mmu_circ_0000231R	GCAGTCTCTCATCAGGGCATATCAG
mmu_circ_0000231R	ACGGAGGAGTCCAGATCAGCATC

lncRNA	Sequences
lnc Gm31786 F	AAGCGGCATGATGGTTGGAAGAG
lnc Gm31786 R	GGGTGTGGCAGTAAAGGTGAAC TC
lnc 4921504A21Rik F	ACACAGCAAGAGAGGCAGTTTCAG
lnc 4921504A21Rik R	GCAGCAGAAGGCAGGGTTCAC
lnc Rsflos2 F	CACGCATCTGGAGATCCCAAGTC
lnc Rsflos2 R	GGCTGTGTGAACCAAGGAGAAC
lnc Cd55os F	CAGCAGCAGTGGTGGTGATGAC
lnc Cd55os R	CCAAATCCTGGCATGGTCTCTTCC
lnc Gm31786 F	AAGCGGCATGATGGTTGGAAGAG
lnc Gm31786 R	GGGTGTGGCAGTAAAGGTGAAC TC
lnc 1700009J07Rik F	AGCCACCCTAAGCAAGCACATC
lnc 1700009J07Rik R	AGCCTCCACATGACAGGACCAG
lnc Tmem134 F	AGCCTCCACATGACAGGACCAG
lnc Tmem134 R	ACAAAGAAGATGGCACTGGAGACAC
lnc Neat1 F	TCCTCTCTGTGGTCTCACTCTTCC
lnc Neat1 R	ACTCCAGCACCAGCTCTACATCC
lnc Meg3 F	AGGGAAGCAGAGGTCGCCAAG
lnc Meg3 R	AGCACAGTGGAGCCAGGAGTC
lnc Smim41 F	CTGTCTTGCTGATGCGGTATCTG
lnc Smim41 R	ATGCTGGAACGTGTTGCTGGATGG
lnc Gm6729 F	TGCTGCCACCTGAGGAAGAC
lnc Gm6729 R	CTACGCTCTGTGTTGTCTCTGGAG

Figures and Figure legends

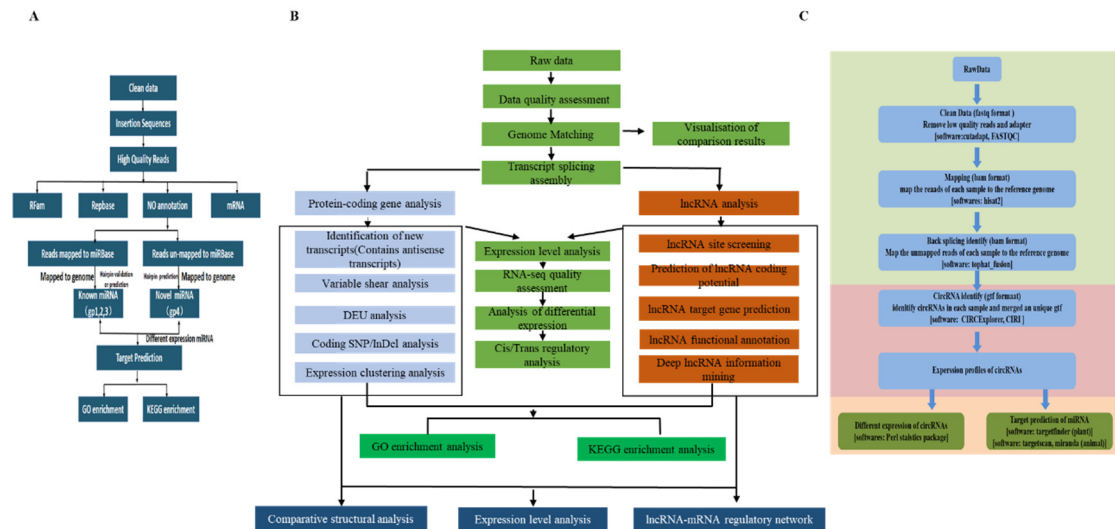


Figure S1. Bioinformatic methods for the analysis of mRNAs, miRNAs, circRNAs and lncRNAs

(A) Flow chart of differentially expressed miRNA analysis. (B) Flow chart of differentially expressed lncRNA and mRNA analysis. (C) Flow chart of differentially expressed circRNA analysis.