

SUPPLEMENTARY TABLES

Supplementary Table 1. A part predicted target miRNAs of MEG3.

miRNA	Alignment
miR-542-3p	Target: 5' uggUAGUGAAUGUUUCUGUCACu 3' miRNA:3' aaaGUCA-AUAGUUAGACAGUGu 5'
miR-181a	Target:5'GGGACCUCGAAUGUG3' miRNA:3'UGUCGCAACUUACAA5' Target:5'GCUUCUGGAAUGAG3' miRNA:3'GUCGCAACUUACAA5'
miR-1245b-5p	Target: 5' gccAAGCUUCUUGAAAGGCCUg 3' miRNA : 3' aaaUUC-ACUAGAUUUCGGAu 5'
miR-320b	Target: 5' ugaagUUGCAG-GCAGCUUg 3' miRNA : 3' aacgggAGAGUUGGGUCGAAAa 5'
miR-424-5p	Target: 5' aaCACACAUGUGGCCUUGCUGCUg 3' miRNA : 3' aaGU-UUUGUACU-UAACGACGAc 5'
miR-15b-5p	Target: 5' agaACACACAUGUGGCCUUGCUGCUg 3' miRNA : 3' acaUUUG-GUACUAC---ACGACGAu 5'
miR-6766-3p	Target: 5' auuuucUGGGGCACCGACAAUCu 3' miRNA : 3' acucccACCCCU-UCUGUUAGu 5'

Supplementary Table 2. A part of predicted target genes of miR-181a.

NAP1L5	Tatget:5'GUUUUCCCCAGAAUAUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCCAGCUACCA5'
Egr-1	Target:5'UCCAGAAUGUA3' WT-3'UTR miRNA:3'GCAACUUACAA3'
MAP3K5	Target:5' UGCUCAAUCUAAUCUUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCC-AGCUACCA5'
AGPAT4	Target:5' GGCCUCCGUGGGAGUUCGAUGGA3' miRNA:3'CCAUGUUAGUUGCCAGCUACCA5'
TUBB6	Target:5' AUGAGGAAGAGGAGAUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCCAGCUACCA5'
SMUG1	Target:5' GGUGAUCAAUGAUGAUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCC--- AGCUACCA5'
MFSD7	Target:5' AGGUUGCCCGCCACAUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCCAGCUACCA5'
MKNK2	Target:5' AAAAAAACAACACAUCGAUGGA3' miRNA:3' CCAUGUUAGUUGCC-AGCUACCA5'