

Data S1.

Information of uc003pxg.1 and hsa-miR-25-5p. Genomic location and sequence of uc003pxg.1: locus, chr6:116999739-117001922; gene ID, AX746765; lncRNA source, UCSC_knowngene.

Binding target prediction of hsa-miR-25-5p and uc003pxg.1 (miRanda).

>hsa-miR-25-5p MIMAT0004498

AGGCGGAGACUUGGGCAAUUG

>uc003pxg.1

ctttatatgctctgctcgttttattcaagctttttgctcattataatttatattctataacatctgcgggtttttgttttctgtttt
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aatgcaagtgatgatggctgactccctgtattgtaagctccaaataaattggcttctgttctc

Performing Scan: hsa-miR-25-5p vs uc003pxg.1

①Forward: Score: 151.000000 Q: 2 to 14 R: 952 to 971 Align Len (12) (91.67%)
(91.67%)

Query: 3' guuaacggGUUCAGAGGCGGa 5'

Ref: 5' gctcactgCAAG - CTCCGCCt 3'

Energy: -22.690001 kCal/Mol

Scores for this hit:

>hsa-miR-25-5p uc003pxg.1151.00 -22.69 2 14 952 971 12 91.67% 91.67%

②Forward: Score: 143.000000 Q: 2 to 14 R: 164 to 183 Align Len (12) (83.33%) (83.33%)

Query: 3' guuaacggGUUCAGAGGCGGa 5'

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Ref: 5' gctcactgCAA -CCTCCGCCt 3'

Energy: -19.969999 kCal/Mol

Scores for this hit:

>hsa-miR-25-5p uc003pxg.1143.00 -19.97 2 14 164 183 12 83.33% 83.33%

Figure S1. Confocal microscopy images of EdU staining to assess cell proliferation. The names of the long noncoding RNAs correspond to specific small interfering RNAs. EdU, 5-ethynyl-2'-deoxyuridine; HUVEC, human umbilical vein endothelial cell; NC, negative control small interfering RNA.

