Supplementary Material

Supplementary Table 1 Primers were used for cDNA synthesis and the real-time quantitative PCR experiment

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| Gene | RT-qPCR forward primer(5’-3’) | RT-qPCR reversed primer(5’-3’) |
| Gas-miR159 | CGGGTTTGGATTGAAGGG | CAGTGCAGGGTCCGAGGTAT |
| Gas-miR6478 | GCGCCGACCTTAGCTCAGT | CAGTGCAGGGTCCGAGGTAT |
| Gas-miR148a-3p | CGGGCTCAGTGCACTACAGAA | CGCAGGGTCCGAGGTATT |
| Gas-miR99 | TGCCAACCCGTAGATCCG | CGCAGGGTCCGAGGTATT |
| Gas-miR143-3p | AGCGGTGAGATGAAGCACTGT | CGCAGGGTCCGAGGTATT |
| Gas-miR319f | CGGCGTTGGACTGAAGGG | CGCAGGGTCCGAGGTATT |
| Gas-miR396e | CGGGTTCCACAGCTTTCTTG | CGCAGGGTCCGAGGTATT |
| Gas-miR26a | CGGGCTTCAAGTAATCCAGG | CAGTGCAGGGTCCGAGGTAT |
| Gas-miR01 | TCGGGTTCAGGAATGCTGTG | CAGTGCAGGGTCCGAGGTAT |
| Gas-miR02 | GCGGGTTCAATAAAGCTGTG | CAGTGCAGGGTCCGAGGTAT |
| *A20* | TGGGAGCAGTGTTAAAGGCA | TCGGAACTGTGGGCAAAACT |
| *GADPH* | AGTGTGACGTTGACATCCGT | GCAGCTCAGTAACAGTCCGC |
| *5.8SrRNA* | AAACGACTCTCGGCAACGG | GCGCAACTTGCGTTCAAAG |
| Gene | stem-loop primers |
| Gas-miR159 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAGAGC |
| Gas-miR6478 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCACCAA |
| Gas-miR148a-3p | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAAAGT |
| Gas-miR99 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCACAAG |
| Gas-miR143-3p | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGAGCTA |
| Gas-miR319f | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGGGAG |
| Gas-miR396e | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAGTT |
| Gas-miR26a | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCACAGC |
| Gas-miR01 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTTCCC |
| Gas-miR02 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTTCCC |

Supplementary Table 2 10 miRNA sequences to be verified

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| Gene | Sequence(5’-3’) |
| Gas-miR159 | UUUGGAUUGAAGGGAGCUCUG |
| Gas-miR6478 | CCGACCUUAGCUCAGUUGGUG |
| Gas-miR148a-3p | UCAGUGCACUACAGAACUUUG |
| Gas-miR99 | AACCCGUAGAUCCGAUCUUGUG |
| Gas-miR143-3p | UGAGAUGAAGCACUGUAGCUC |
| Gas-miR319f | UUGGACUGAAGGGAGCUCCCU |
| Gas-miR396e | UUCCACAGCUUUCUUGAACUGU |
| Gas-miR26a | UUCAAGUAAUCCAGGAUAGGCUGUG |
| Gas-miR01 | GUUCAGGAAUGCUGUGGGAAG |
| Gas-miR02 | UUCAAUAAAGCUGUGGGAAA |