Supplementary materials

Table S1-Table S3:

Supplementary Table 1. Sequence of interference target sites for ADRA1D.

|  |  |
| --- | --- |
| Target site | Sequence |
| ADRA1D-oligo | AGCCATTATGACAGAACGCAA |
| Top Strand | 5'-GATCCGAGCCATTATGACAGAACGCAACTCGAGTTGCGTTCTGTCATAATGGCTTTTTTTG-3' |
| Bottom Strand | 5'-AATTCAAAAAAAGCCATTATGACAGAACGCAACTCGAGTTGCGTTCTGTCATAATGGCTCG-3' |

Supplementary Table 2. Overexpression sequence for ADRA1D.

|  |  |
| --- | --- |
| Target gene | Sequence |
| ADRA1D | ATGACTTTCCGCGACATCCTGAGCGTCACTTTCGAAGGACCCCGGGCGAGCAGTAGCACTGGGGGCTCCGGCGCGGGCGGCGGAGCTGGCACGGTTGGCCCCGAGGGTCCGGCGGTGGGCGGCGTGCCGGGTGCCACAGGCGGTAGCGCTGTGGTGGGAACCGGCAGCGGCGAGGACAACCAGAGCTCCACGGCAGAAGCGGGGGCCGCGGCAAGCGGCGAGGTGAATGGCTCGGCGGCCGTCGGGGGGCTAGTGGTGAGTGCTCAGGGCGTGGGAGTGGGTGTCTTCCTAGCCGCCTTCATCCTCACCGCTGTGGCGGGCAACCTTCTCGTCATCCTCTCCGTGGCCTGCAACCGCCACTTGCAGACGGTCACCAACTATTTCATCGTGAACCTAGCAGTGGCTGACCTGCTACTGAGTGCAGCTGTGTTGCCCTTCTCAGCCACTATGGAGGTTCTAGGCTTCTGGGCCTTCGGCCGGACCTTCTGCGACGTATGGGCCGCGGTGGACGTGCTATGCTGCACTGCCTCCATCCTTAGCCTCTGCACCATCTCTGTGGACCGGTACGTGGGTGTGCGCCACTCGCTCAAGTATCCAGCCATTATGACAGAACGCAAGGCCGCTGCCATTCTGGCTCTGCTCTGGGCGGTGGCCTTGGTGGTATCTGTGGGACCGCTACTAGGTTGGAAGGAACCAGTGCCCCCGGATGAGCGTTTCTGCGGCATCACCGAGGAGGTGGGCTATGCGATCTTCTCTTCCGTATGCTCCTTCTACCTCCCCATGGCAGTGATCGTGGTCATGTACTGCCGCGTGTATGTGGTCGCGCGCAGCACCACGCGCAGCCTCGAGGCGGGCATCAAGAGGGAGCCGGGCAAGGCCTCTGAGGTGGTTCTGAGGATCCACTGTCGCGGCGCAGCCACTAGCGCCAAAGGAAATCCAGGGACACAGAGTAGCAAGGGGCACACCTTGCGCAGCTCGCTCTCCGTAAGGCTGCTCAAGTTTTCCCGCGAGAAAAAGGCTGCCAAGACCCTAGCCATCGTCGTGGGTGTCTTCGTCCTGTGCTGGTTCCCCTTTTTCTTCGTCCTGCCTCTGGGTTCTCTGTTCCCTCAGCTGAAACCATCAGAGGGCGTCTTCAAGGTCATCTTCTGGCTGGGCTACTTCAATAGCTGTGTGAACCCGCTCATCTACCCCTGCTCCAGTCGCGAGTTCAAGCGCGCCTTCCTCCGCCTCCTGCGCTGCCAGTGTCGCCGCCGCCGCCGCCGCCTCTGGCGAGTCTACGGCCACCACTGGCGAGCCTCGACCGGCGACCCGCGCTCCGACTGTGCCCCCAGCCCGCGCATCGCACCCCCCGGGGCTCCCCTAGCCCTCACTGCACACCCAGGCCCGGGCTCCGTAGACACGCCGGAGGCGCAGGCTTCGGTCTCCGGCCGTCGAAAGCCAGCCTCCGCCCTCCGGGAGTGGAGGCTGCTTGGGCCGCTACAGAGACCCACGACCCAGCTGCGTGCGAAGGTGTCCAGCCTGTCCCATAAGTTCCGCTCTGGGGGCGCGCGGCGCGCGGAGACTGCGTGTGCCCTGCGCTCGGAGGTAGAAGCAGTGTCCCTAAATGTTCCCCAAGACGGGGCAGAGGCTGTCATCTGCCAGGCTTATGAGCCGGGCGACCTCAGCAACCTCCGGGAGACTGACATTTAA |

Supplementary Table 3. Primer sequence for RT-qPCR.

|  |  |
| --- | --- |
| Primer | Sequence (5’ to 3’) |
| ADRA1D-F | TCCGAGGTGGTTCTGAGGAT |
| ADRA1D-R | GAACCAGCACAGGACGAAGA |
| PLCβ-F | ATACATCCAGGAGGTGGTGC |
| PLCβ-R | CTGCAGCTTGGGCTTCTCAT |
| r-GAPDH-F | TGGTGCTGAGTATGTCGTGG |
| r-GAPDH-R | GGCGGAGATGATGACCCTTT |