Supplementary table 1 The sequences of plasmids used for transfection.

Plasmids	sequences (5' > 3')
sh-NC (for TNK2-AS1)	CCGGAAGTGTGGAGTGGTATGATGCCTCGAGGCATCATACCACTCCACACTTTTTTTG
sh-TNK2-AS1#1	CCGGTGGTAATTGGAGTGATAGGGCCTCGAGGCCCTATCACTCCAATTACCATTTTTG
sh-TNK2-AS1#2	CCGGACTGTTTTGTTATTACATCCACTCGAGTGGATGTAATAACAAAACAGTTTTTTG
sh-NC (for WDR1)	CCGGGTCAGACTGGGAAAGAACATTCTCGAGAATGTTCTTTCCCAGTCTGACTTTTTG
sh-WDR1#1	CCGGCGAATCAGGGACTAGAGTTTACTCGAGTAAACTCTAGTCCCTGATTCGTTTTTG
sh-WDR1#2	CCGGGCTGGGAAGATCAAAGACATTCTCGAGAATGTCTTTGATCTTCCCAGCTTTTTG
sh-NC (for YY1)	CCGGCTGGTATAAGAAGGAATTGTTCTCGAGAACAATTCCTTCTTATACCAGTTTTTG
sh-YY1#1	CCGGCGATGGTTGTAATAAGAAGTTCTCGAGAACTTCTTATTACAACCATCGTTTTTG
sh-YY1#2	CCGGGACGACGACTACATTGAACAACTCGAGTTGTTCAATGTAGTCGTCGTCTTTTTG
miR-4319 mimics	UCCCUGAGCAAAGCCAC
NC mimics	ACCUGUCAGCACAAGC
miR-4319 inhibitor	GUGGCUUUGCUCAGGGA
NC inhibitor	UGUGCUGAGUCAGGGCU
pcDNA3.1/WDR1	ATGCCGTACGAGATCAAGAAGGTGTTCGCCAGCCTCCCGCAGGTGGAGAGGGGCGTCTCCAAGATCATCGGCGGCGACCCTAAGGGCAAC AATTTTCTGTACACCAATGGAAAGTGCGTCATCCTAAGGAACATCGACAACCCAGCCCTTGCTGACATCTACACAGAGCACGCCCATCAGGT GGTGGTGGCCAAGTATGCGCCCAGCGGATTCTACATTGCCTCCGGAGATGTGTCTGGGAAGCTGAGGATCTGGGATACCACGCAGAAGGA GCACCTGTTGAAGTATGAGTACCAGCCTTTCGCTGGGAAGATCAAAGACATTGCTTGGACTGAAGACAGTAAGAGGATCGCCGTGGTCGGG GAAGGAAGGGAGAAGTTTGGAGCAGTCTTCCTCTGGGATAGTGGCTCTTCTGTGGGCGAGATTACAGGACACAACAAAGTCATCAACAGCG TGGACATCAAGCAGAGCCGGCCATACCGGCTGGCCACGGGAAGCGATGATAACTGCGCGGCATTCTTTGAGGGACCCCCATTCAAGTTCAA GTTCACAATTGGCGACCACAGCCGCTTTGTCAACTGTGTGCGATTCTCTCCTGATGGGAACAGATTTGCCACAGCCAGTGCTGACGGCCAGA TATACATCTATGACGGGAAGACTGGGGAGAAGGTGTGCGCGCTGGGCGGAAGCAAGGCCCACGACGGTGGGATTTACGCAATTAGTTGGA GTCCCGACAGCACCCATTTGCTTTCTGCTTCTGGGGACAAAACTTCCAAGATTTGGGACGTCAGCGTGAACTCCGTGGTCAGCACATTTCCC ATGGGCTCCACGGTTCTGGACCAGCAGCTGGGCTGCCTATGGCAGAAGGACCACCTGCTCAGTGTCTCCCTGTCCGGGTACATCAACTATCT GGACAGAAACAACCCCAGCAAGCCCCTGCACGTCATCAAGGGTCACAGTAAATCGATCCAGTGTCTGACGGTGCATAAAAACGGCGGCAA GTCCTACATTTACTCTGGGAGCCACGACGGACACATTAATTACTGGGATTCAGAGACGGGGGAGAACGACTCCTTCGCTGGGAAAGGCCAC ACGAACCAGGTGTCCAGGATGACCGTGGATGAGTCGGGGCAGCTCATCAGCTGCAGCATGGACGACACCGTGCGGTACACCAGCCTCATG CTGCGGGACTACAGCGGACAAGGAGTTGTGAAACTGGACGTTCAGCCAAAGTGCGTAGCCGTCGGCCCCGGGGGATACGCCGTGGTCGTG TGCATTGGACAGATTGTCCTGCTGAAGGATCAGAGGAAGTGCTTCAGCATCGACAACCCCGGCTACGAGCCCGAAGTTGTGGCAGTGCACC CCGGCGGGGACACGGTGGCAATTGGGGGTGTGGACGGCAACGTCCGCCTGTATTCCATCCTGGGCACCACGCTGAAGGATGAGGGCAAGC TCCTAGAGGCCAAGGGCCCCGTGACCGACGTGGCCTACTCCCACGACGGCGCCTTCCTCGCGGTGTGCGACGCCAGCAAGGTGGTCACAG TGTTCAGCGTTGCTGACGGCTACTCGGAGAACAATGTTTTTTATGGACACCATGCAAAAATCGTCTGCCTGGCCTGGTCCCCAGACAATGAA CACTTTGCCTCCGGTGGCATGGACATGATGGTGTATGTTTGGACCCTGAGTGACCCGGAAACCAGAGTCAAGATCCAAGATGCACACCGGC TGCACCATGTCAGCAGCCTGGCCTGGCTGGACGAGCACACGCTGGTCACGA CCTCCCATGATGCCTCTGTCAAGGAGTGGACAATCACCTACTGA
pcDNA3.1/YY1	ATGGCCTCGGGCGACACCCTCTACATCGCCACGGACGGCTCGGAGATGCCGGCCGAGATCGTGGAGCTGCACGAGATCGAGGTGGAGACC ATCCCGGTGGAGACCATCGAGACCACAGTGGTGGGCGAGGAGGAGGAGGAGGACGACGACGACGAGGACGGCGGCGGTGGCGACCACG GCGGCGGGGGCGGCCACGGGCACGCCGGCCACCACCACCACCACCATCACCACCACCACCCCGCCCATGATCGCTCTGCAGCCGCTG GTCACCGACGACCCGACCCAGGTGCACCACCACCAGGAGGTGATCCTGGTGCAGACGCGCGAGGAGGTGGTGGGCGGCGACGACTCGGA CGGGCTGCGCGCCGAGGACGGCTTCGAGGATCAGATTCTCATCCCGGTGCCCGCGCCGGCCGGCGGCGACGACGACTACATTGAACAAAC GCTGGTCACCGTGGCGGCGGCCGGCAAGAGCGGCGGCGGCGGCTCGTCGTCGTCGGGAGGCGGCCGCGTCAAGAAGGGCGGCGGCAAG AAGAGCGGCAAGAAGAGTTACCTCAGCGGCGGGGCCGGCGCGGCGGGCGGCGGCGGCGCCGACCCGGGCAACAAGAAGTGGGAGCAGA AGCAGGTGCAGATCAAGACCCTGGAGGGCGAGTTCTCGGTCACCATGTGGTCCTCAGATGAAAAAAAAGATATTGACCATGAGACAGTGGT TGAAGAACAGATCATTGGAGAGAACTCACCTCCTGATTATTCAGAATATATGACAGGAAAGAAACTTCCTCCTGGAGGAATACCTGGCATTG ACCTCTCAGATCCCAAACAACTGGCAGAATTTGCTAGAATGAAGCCAAGAAAAATTAAAGAAGATGATGCTCCAAGAACAATAGCTTGCCC TCATAAAGGCTGCACAAAGATGTTCAGGGATAACTCGGCCATGAGAAAACATCTGCACACCCACGGTCCCAGAGTCCACGTCTGTGCAGAA TGTGGCAAAGCTTTTGTTGAGAGTTCAAAACTAAAACGACACCAACTGGTTCATACTGGAGAGAAGCCCTTTCAGTGCACGTTCGAAGGCTG TGGGAAACGCTTTTCACTGGACTTCAATTTGCGCACACATGTGCGAATCCATACCGGAGACAGGCCCTATGTGTGCCCCTTCGATGGTTGTA ATAAGAAGTTTGCTCAGTCAACTAACCTGAAATCTCACATCTTAACACATGCTAAGGCCAAAAACAACCAGTGA