

**Table S1.** The RNA oligonucleotides used for cell transfection.

| Name                | Sequence (5'→3')                                       |
|---------------------|--|
| si-NC               | F: UUCUCCGAACGUGUCACGUTT<br>R: ACGUGACACGUUCGGAGAATT   |
| si- <i>ANXA6</i> -1 | F: GGCUGAUUGUAAGCUUGAUTT<br>R: AUCAAGCUUACAAUCAGCCTT   |
| si- <i>ANXA6</i> -2 | F: CUCUCCACAAUAUGAUAAATT<br>R: UUUAUCAUAUUGUGGAGAGTT   |
| si- <i>ANXA6</i> -3 | F: GGCCUACAAAGCUCACUAUTT<br>R: AUAGUGAGCUUUGUAGGCCTT   |
| Mimics NC           | F: UUCUCCGAACGUGUCACGUTT<br>R: ACGUGACACGUUCGGAGAATT   |
| miR-24-3p mimics    | F: UGGCUCAGUUCAGCAGGAACAG<br>R: GUUCCUGCUGAACUGAGCCAUU |
| Inhibitor NC        | CAGUACUUUUGUGUAGUACAA                                  |
| miR-24-3p inhibitor | CUGUCCUGCUGAACUGAGCCA                                  |

**Table S2.** The specific primers used for qPCR.

| Accession No.  | Gene symbol   | Primer sequence (5'→3')                                   | Product length (bp) |
|----------------|---------------|---|---------------------|
| NM_001397313.1 | <i>ANXA6</i>  | F: ATGGCACCCAAAGGAAAGGT<br>R: GTACAAGGCGTCTGCATCCT        | 84                  |
| XM_015289038.2 | <i>MKI67</i>  | F: GCAACAACAAGGAGGCTTCG<br>R: TTCAGGTGCCATCCCGTAAC        | 204                 |
| NM_001199857.1 | <i>CDK2</i>   | F: GCTCTTCCGTATCTTCCGCA<br>R: ATGCGCTTGTTGGGATCGTA        | 192                 |
| NM_001031459.1 | <i>CEBPA</i>  | F: GGAGCAAGCCAACTTCTACG<br>R: GAGTGCTCGTTCTCGCAGAT        | 174                 |
| NM_206991.1    | <i>ADIPOQ</i> | F: GCAGAACCACTACGACAGCA<br>R: TAGACCCCGTTGTTGTTGCC        | 258                 |
| NM_205155.3    | <i>FASN</i>   | F: ACACCCTAAGCCTCGTTC<br>R: CCTCAAGATAGCCTGTAAGA          | 208                 |
| NM_205505.1    | <i>ACACA</i>  | F: TCCTGCCTGCTCATACTT<br>R: GCGATACCTGTCCACTTC            | 227                 |
| NM_204305.1    | <i>GAPDH</i>  | F: GGGGAAAGTCATCCCTGAGC<br>R: AGCAGCCTTCACTACCCTCT        | 145                 |
| -              | miR-24-3p     | F: TGGCTCAGTTCAGCAGGAACAG<br>R: CAGGTCCAGTTTTTTTTTTTTTTT  | -                   |
| -              | U6            | F: GGGCCATGCTAATCTTCTCTGTA<br>R: CAGGTCCAGTTTTTTTTTTTTTTT | -                   |