**Supplementary Materials**: UCHL5 transfection sequence

1. sh-UCHL5

| ID | Target Sequence： |
|----------|---------------------------|
| UCHL5-1 | AGCCAGTTCATGGGTTAATTT |
| UCHL5-2 | TCCCGACTTGACACGATATTT |
| UCHL5-3 | TGAAGGTGAAATTCGATTTAA |

sh-NC：TTCTCCGAACGTGTCACGT

2. OE-UCHL5

TGAGTGTGTTACTGAACTGTACCCACCAGGATGTCCATTTAGGCGAGACATTATCAGAGTTTA
AAGAATTTTCACAAAGTTTTGATGCAGCTATGAAAGGCTTGGCACTGAGCAATTCAGATGTGA
TTCGACAAGTACACAACAGTTTCGCCAGACAGCAAATGTTTGAATTTGATACGAAGACATCAG
CAAAAGAAGAAGATGCTTTTCACTTTGTCAGTTATGTTCCTGTTAATGGGAGACTGTATGAATT
AGATGGATTAAGAGAAGGACCGATTGATTTAGGTGCATGCAATCAAGATGATTGGATCAGTGC
AGTAAGGCCTGTCATAGAAAAAAGGATACAAAAGTACAGTGAAGGTGAAATTCGATTTAATTT
AATGGCCATTGTGTCTGACAG