

Figure S1. Experimental flow chart of IBI mouse model.

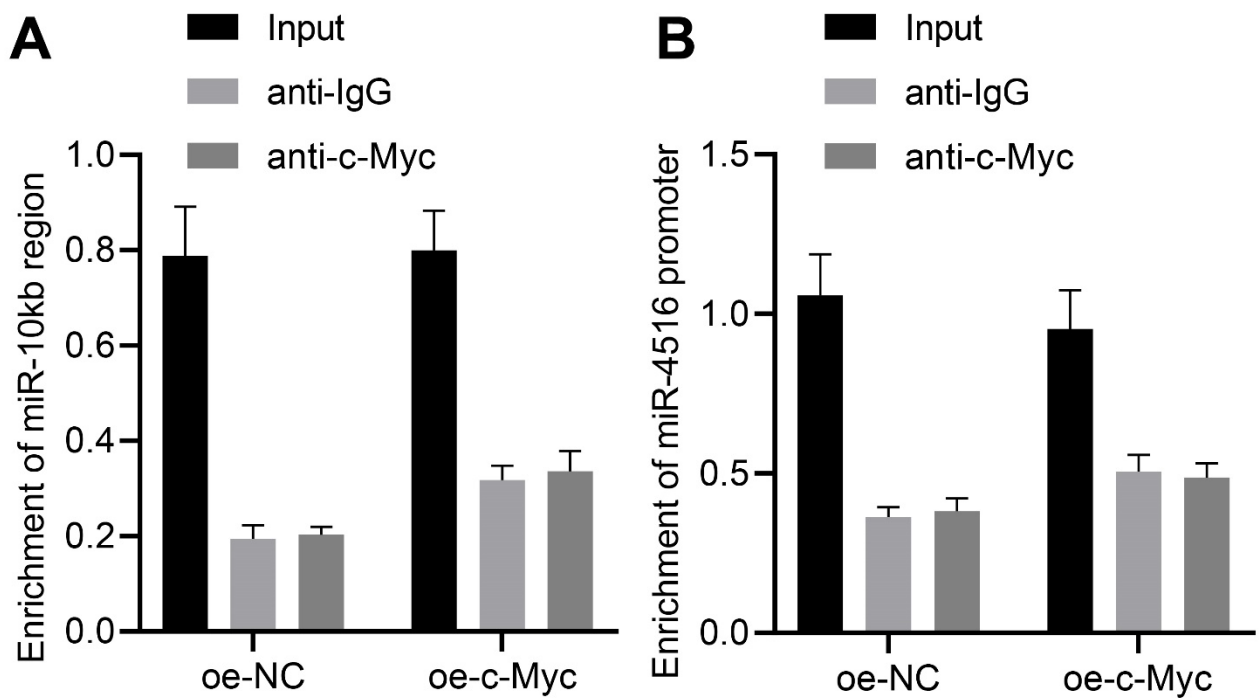


Figure S2. The enrichment of c-Myc in miR-23b and miR-4516. A, Enrichment of the transcription factor c-Myc in a 10 kb region in upstream of miR-23b assessed by ChIP. B, Enrichment of the transcription factor c-Myc in the promoter of miR-23b evaluated by ChIP.

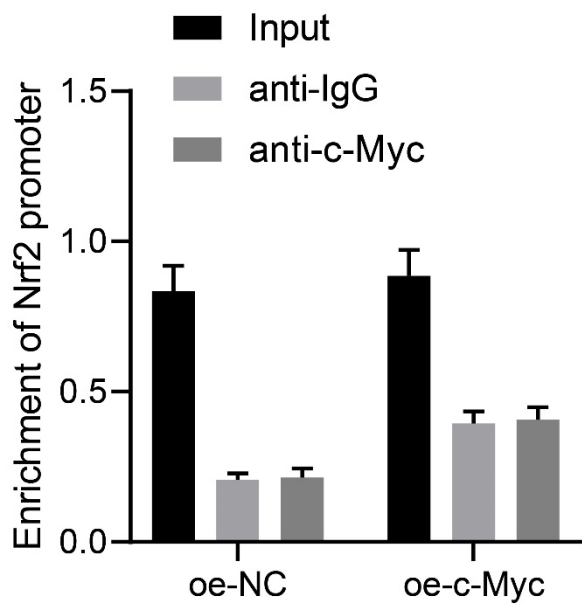


Figure S3. Enrichment of the transcription factor c-Myc in Nrf2 promoter assessed by ChIP.

Table S1 RT-qPCR primer sequence

| | Primer sequences (5'-3') |
|-------------|---|
| hsa-miR-23b | F: ACACTCCAGCTGGGATCACATTGCCAGGGAT R: CTCAACTGGTGTCGTGGAGTCGGCAATTCAGTTGAGGTGGTAAT |
| mmu-miR-23b | F: CCAAAAGGGACCGAA R: TGTCGTGGAGTCGGC |
| mmu-Nrf2 | F: TTGGCAGGAGCTATTTTCC R: GAACAGCGGTAGTATCAGC |
| hsa-U6 | F: CGCTTCGGCAGCACATATAC R: CAGGGGCCATGCTAATCTT |
| mmu-U6 | F: GCATGACGTCTGCTTTGGA R: CCACAATCATTCTGCCATCA |
| mm-GAPDH | F: AGGTCGGTGTGAACGGATTTG R: TGTAGACCATGTAGTTGAGGTCA |

Note: RT-qPCR, reverse transcription quantitative polymerase chain reaction; miR-23b, MicroRNA-23b; Nrf2, Nuclear factor erythroid 2-related factor 2; GAPDH, glyceraldehyde 3-phosphate dehydrogenase; F, forward; R, reverse.