Supplementary Figure 1

The TargetScan Mouse algorithm predicts target genes that bind to miR-136-5p and are associated with proliferation regulation.
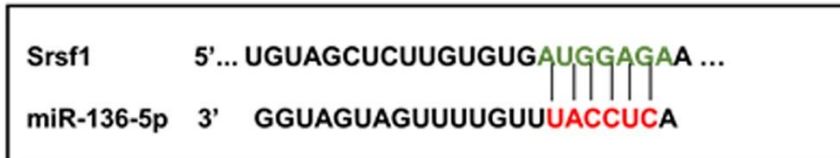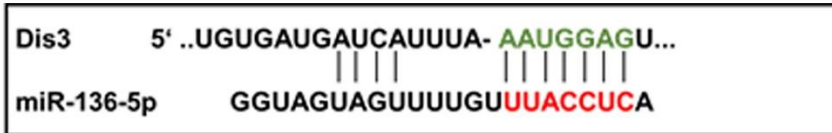
Supplementary Figure 2
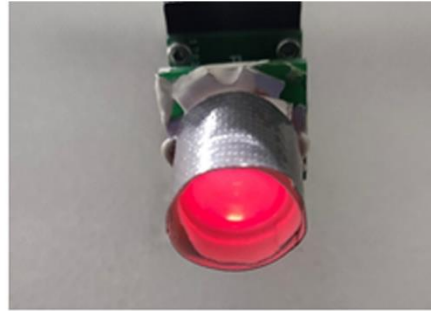
LED-Red illumination device diagram

Supplementary Figure 3

The effect of overexpression of Ino80 on CM proliferation was detected using (A) EdU, (B) pH3. Arrows indicate proliferative signals, n = 3, Scale bar = 20 μm. ***$P <$ 0.001vs. CTL. The data represent the mean ± SEM.

Supplementary Figure 1.

Dis3   5' ..UGUGAUGAUCAUUUA- AAUGGAGU...
                              | | | | | | | | | | |
miR-136-5p   GGUAGUAGUUUUGUUUACCUCA

Srsf1   5'... UGUAGCUCUUGUGUGAUGGAGAA ...
                                      | | | | | |
miR-136-5p   3'   GGUAGUAGUUUUGUUUACCUCA

Supplementary Figure 2.

LED therapy

Supplementary Figure 3

A
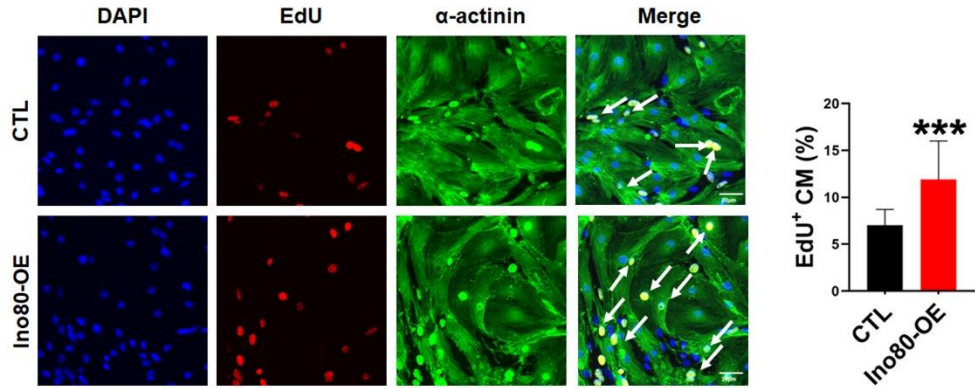
B
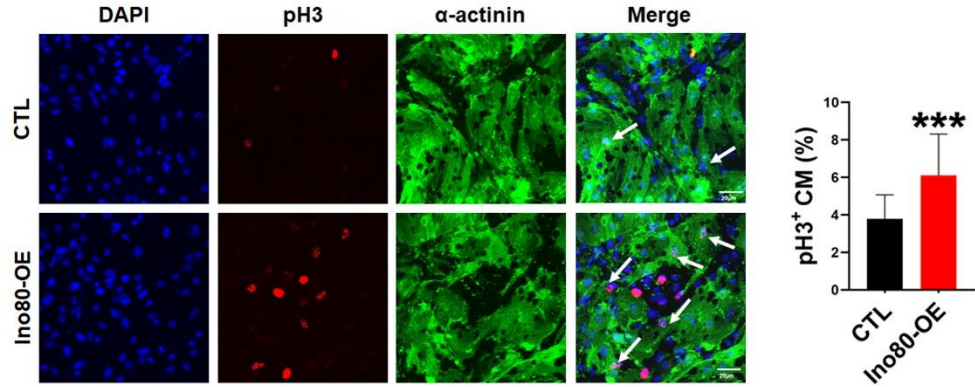
Table S1 Primer sequences

GENE	Forward primer	Reverse primer	Random primer
miR-451a	AAACCGTTACCATTACTGAGTT	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAACTCA
miR-466i-5p	TGTGTGTGTGTGTGTGTGTG	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCACACA
miR-690	AAAGGCTAGGCTCACAAAAA	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTTGGT
miR-6933-5p	TGGCGGCAGTCAGGATACTT	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAGGT
miR-7226-5p	GCCAGGGAAGTTGATTGGGAAG	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCCTTC
miR-135b-5p	TATGGCTTTTCATTCCTATGTG	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGCCATA
miR-136-5p	CACTCCATTTGTTTTGATGATG	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTGGAGT
miR-219a-5p	CCTGATTGTCCAAACGAATTT	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAATCA
miR-21a-3p	CAACAGCAGTCGATGGGTT	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTGTTG
miR-30a-5p	TGTAAACATCCTCGACTGGAAG	ATCCAGTGCAGGGTCCGAGG	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTTACA
Ino80	GCAAAGCCCCTTTATCTTCAGT	CCAGAGGTTTCGCCAAGCAA	