

## Supplementary Information

**Table S1.** The Gray value of the sample in Figure 7.

Groups	$\beta$ Actin	Cleaved Caspase 3
Control	365,424	63,000
Hcy + miR-30b negative	352,720	242,172
Hcy + miR-30b mimic	357,000	136,416

**Table S2.** The gray value ratio of the  $\beta$  actin and clever caspase 3.

Groups	Ratio (Clever Caspase 3/ $\beta$ Actin)
Control	0.17
Hcy + miR-30b negative	0.69
Hcy + miR-30b mimic	0.38