

Supplementary Table 3: Dysregulated miRNAs in ccRCC with matching pattern targets*

Gene Symbol	Dysregulation (protein/miRNA)	Targeting miRNA
ACSL1	Down/up	miR-15a
ARCN1	Down/up	miR-15a
CALD1	Down/up	miR-106a, miR-106b miR-27-a
CAPZA1	Up/down	miR-26a
CDC37	Up/down	miR-182
CREBBP	Up/down	miR-182
ENSA	Down/up	miR-15a
FAM49B	Up/down	miR-26a
FGA	Down/up	miR-101
HPGD	Up/down	miR-26a
ILF3	Down/up	miR-19b
MAPRE1	Down/up	miR-106a miR-106b miR-15a miR-21
MASTL	Down/up	miR-106a miR-106b
MTPN	Up/down	miR-26a
NDRG1	Up/down	miR-182
PBEF1	Up/down	miR-182 miR-26a
PFN1	Up/down	miR-182
PPIF	Down/up	miR-27a
RAB14	Down/up	miR-19b miR-27a
RARA	Down/up	miR-27a
SFRS2	Down/up	miR-106a miR-106b
VCL	Up/down	miR-182
YWHAG	Up/down	miR-182
YWHAQ	Down/up	miR-106b miR-15a
ZNF207	Down/up	miR-101

* A matching pattern indicates that miRNA up regulation is accompanied by protein down-regulation and vice versa.