

Mir-134-3p Driven by Anisomycin Impairs Ovarian Cancer Stem Cell Activity through Inhibiting GPR137 Expression

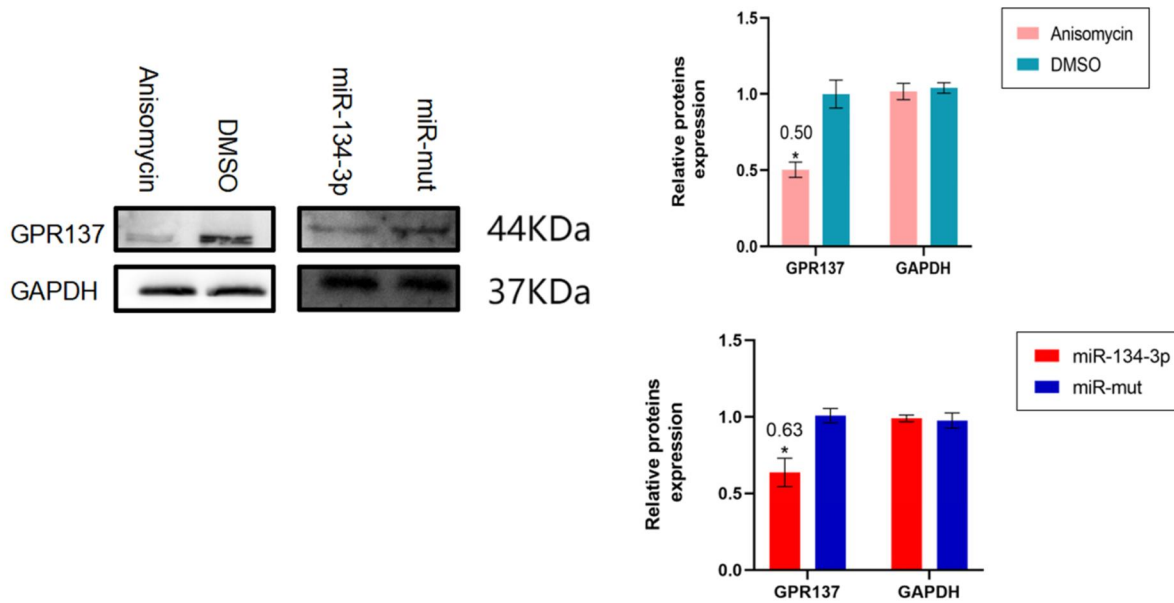


Figure S1 The results of western blot assay.

* $P < 0.05$ vs. DMSO, * $P < 0.05$ vs. miR-mut.

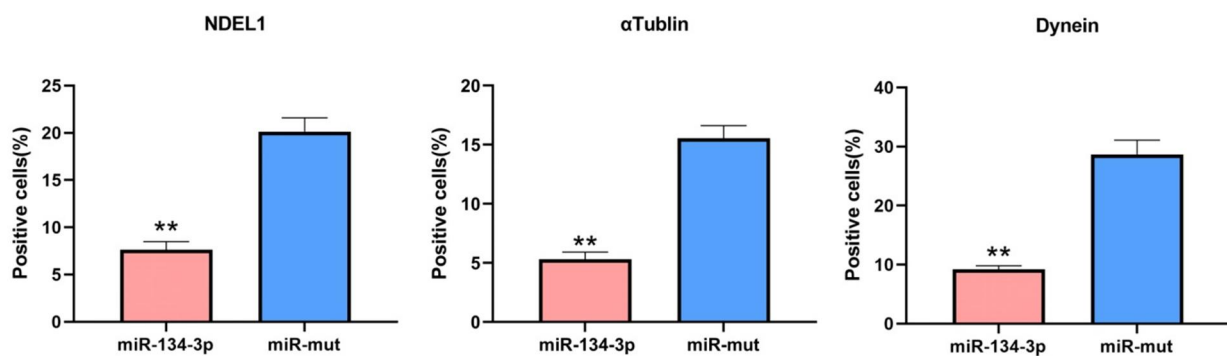


Figure S2 The statistical analysis results of Immunofluorescence staining.

** $P < 0.01$ vs. miR-mut, n = 3.

Table S1 The results of qPCR.

Gene	miR-mut	miR-134-3p	Anisomycin
BASP1	1.00±0.00	0.44±0.02	0.66±0.03
XRCC3	1.01±0.08	0.53±0.05	0.98±0.09
SSR4	1.00±0.07	0.49±0.04	0.54±0.01
OR6V1	1.04±0.18	43.70±0.23	0.47±0.06
FERD3L	1.00±0.02	0.96±0.00	1.99±0.05
NDEL1	1.00±0.00	0.53±0.01	0.39±0.02
HSP12B	1.01±0.10	19.69±0.19	0.83±0.04
18S rRNA	1.01±0.08	1.01±0.09	1.00±0.02

Table S2 The results of qPCR.

Gene	Anisomycin	DMSO
TUBA1A	0.71±0.02	1.01±0.09
DYNEIN	0.39±0.02	1.08±0.04
BAX	1.60±0.06	1.01±0.08
BCL2	0.33±0.02	1.01±0.07
CCND3	0.26±0.02	1.00±0.07
CDK2	0.38±0.02	1.00±0.03
18S rRNA	1.00±0.03	1.00±0.03

Table S3 The results of qPCR.

Gene	miR-134-3p	miR-mut
GPR137	0.54±0.05	1.00±0.03
TUBA1A	0.88±0.10	1.00±0.05
DYNEIN	0.71±0.05	1.00±0.06
BAX	1.60±0.05	1.00±0.02
BCL2	0.82±0.04	1.01±0.08
CCND3	0.19±0.03	1.00±0.02
CDK2	0.93±0.04	1.00±0.04
18S rRNA	1.01±0.09	1.01±0.07

Table S4 The results of Western blotting.

Proteins	Anisomycin	DMSO
α Tubulini	0.60±0.06	1.00±0.08
BAX	4.26±0.48	1.00±0.05
NDEL1	0.45±0.06	1.00±0.21
Dynein	0.46±0.08	1.00±0.04
CDK2	0.40±0.03	1.00±0.02
CCND3	0.50±0.09	1.00±0.11
GAPDH	1.00±0.04	1.00±0.01

Table S5 The results of Western blotting.

Proteins	miR-134-3p	miR-mut
α Tubulin3	0.81±0.07	1.00±0.12
BAX	2.51±0.08	1.00±0.08
NDEL1	0.69±0.08	1.00±0.13
Dynein	0.46±0.07	1.00±0.07
CDK2	0.57±0.06	1.00±0.12
CCND3	0.74±0.06	1.00±0.05
GAPDH	1.03±0.09	1.00±0.12