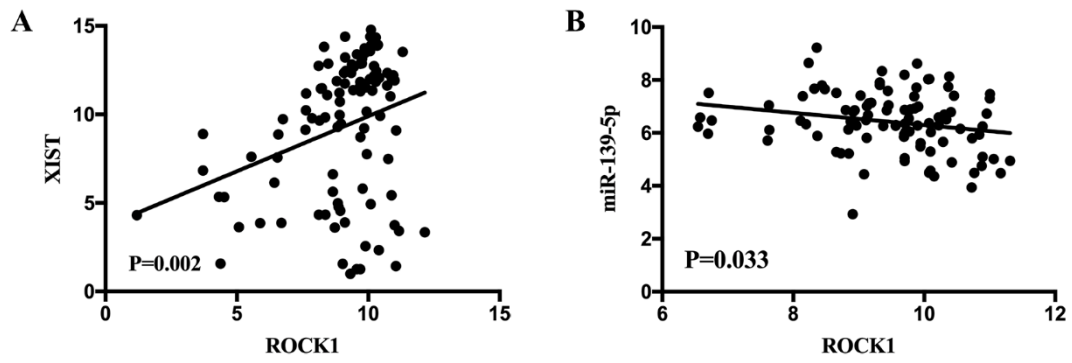


Table S1. Sequences of primers

Primer	Sequence
XIST	5'-ACGCTGCATGTGTCCTTAG-3' (forward) 5'-GAGCCTCTTATAGCTGTTTG-3' (reverse)
miR-139-5p	5'-CAGCGGTCTACAGTGCACGT-3'(forward) 5'-CAG TGCAGGGTCCGAGGT-3'(reverse)
ROCK1	5'-AACATGCTGCTGGATAAATCTGG-3'(forward) 5'-TGTATCACATCGTACCATGCCT-3'(reverse)
GAPDH	5'-CATGAGAAGTATGACAACAGCCT-3'(forward) 5'-AGTCCTTCCACGATACCAAAGT 3'(reverse)
U6	5'-CTCGCTTCGGCAGCACA-3' (forward) 5'-AACGCTTCACGAATTTGCGT-3'(reverse)

Table S2. Correlation of XIST expression and clinicopathological features in melanoma.

Variables	XIST expression			p value
	All cases (n=62)	Low expression (n=25)	High Expression (n=37)	
Age (years)				0.960
≤ 60	32	13	19	
> 60	30	12	18	
Sex				0.502
Male	34	15	19	
Female	28	10	18	
TNM stage				0.025
0-I	41	22	19	
II-IV	21	5	16	
Invasion				0.966
T0-T2	37	15	22	
T3-T4	25	10	15	
Lymph node metastasis				0.001
Positive	26	17	9	
Negative	36	8	28	
Distal metastasis				0.144
Positive	23	12	11	
Negative	39	13	26	



Supplementary Fig 1: (A) Correlation assay between ROCK1 and XIST in melanoma tumor tissues. (B) Correlation assay between ROCK1 and miR-139-5p in melanoma tumor tissues. Data were obtained from LinkedOmics.