

1 **Supplementary Information**

2 **CENPF Knockdown Inhibits Adriamycin Chemoresistance in Triple**

3 **Negative Breast Cancer mediated by Rb-E2F1-Chk1 Axis**

4 **wang et al.**

5

6

7

8

9

10

11

12

13

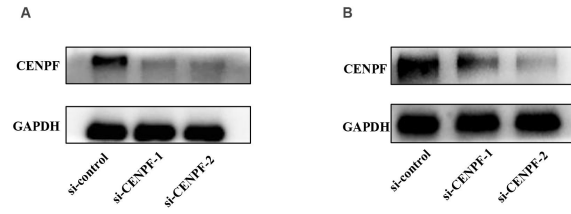
14

15

16

17

18



Supplementary Fig. 1. The knockdown efficiency of si-CENPF-1 and si-CENPF2 in MDA-MB-231 (A) and MDA-MB-231/ADR (B).

35 **Supplementary Table 1 Sequences of siRNAs.**

Sequences of siRNA	Sequence (5'→3')
si-control	UUCUCCGAACGUGUCACGUTT
CENPF-siRNA-1	CCCAAGAGAAUGGGACUCUUA
CENPF-siRNA-2	GCGAGUCAGAUCAAGGAGAAU

36

37

38

39

40

41

42

43

44

45

46

47

48

49 **Supplementary Table 2 List of primers used for quantitative real time-PCR.**

Gene Symbol	Sequence (5'→3')
GAPDH forward	TGCACCACCAACTGCTTAGC
GAPDH reverse	GGCATGGACTGTGGTCATGAG
CHK1 forward	AAGACTGGGACTTGGTGCAA
CHK1 reverse	CAGTCTACGGCACGCTTCAT
GENPF forward	TGCACAAAGACCAGGTGGAAA
GENPF reverse	GTCCAAAAGCAAAGCCTGGTG

50