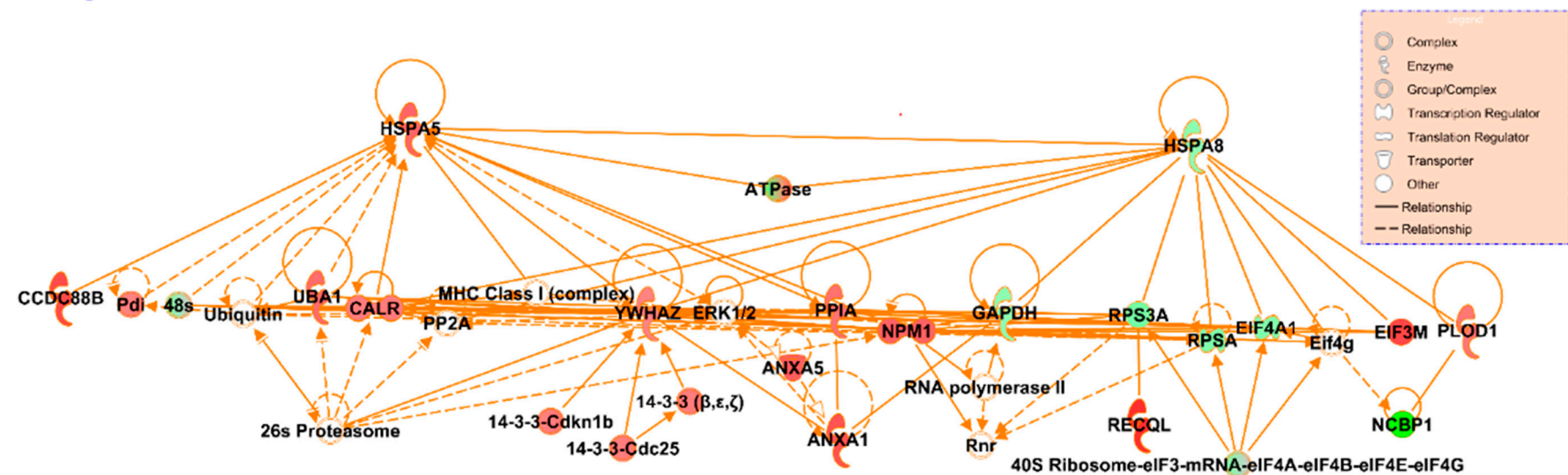

Supplementary Files

Utility and Mechanism of SHetA2 and Paclitaxel for Treatment of Endometrial Cancer

Vishal Chandra, Rajani Rai and Doris Mangiaracina Benbrook

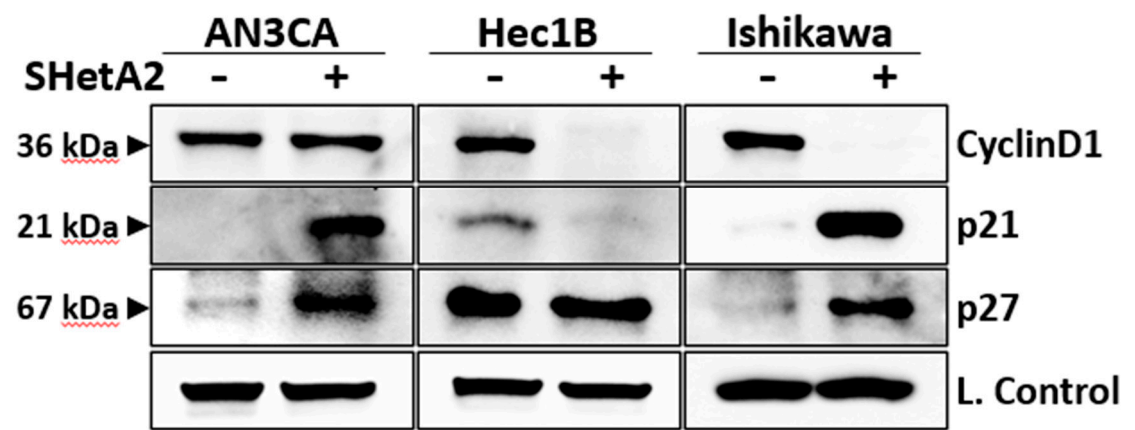
Path Designer Network 1 HSPA5 8



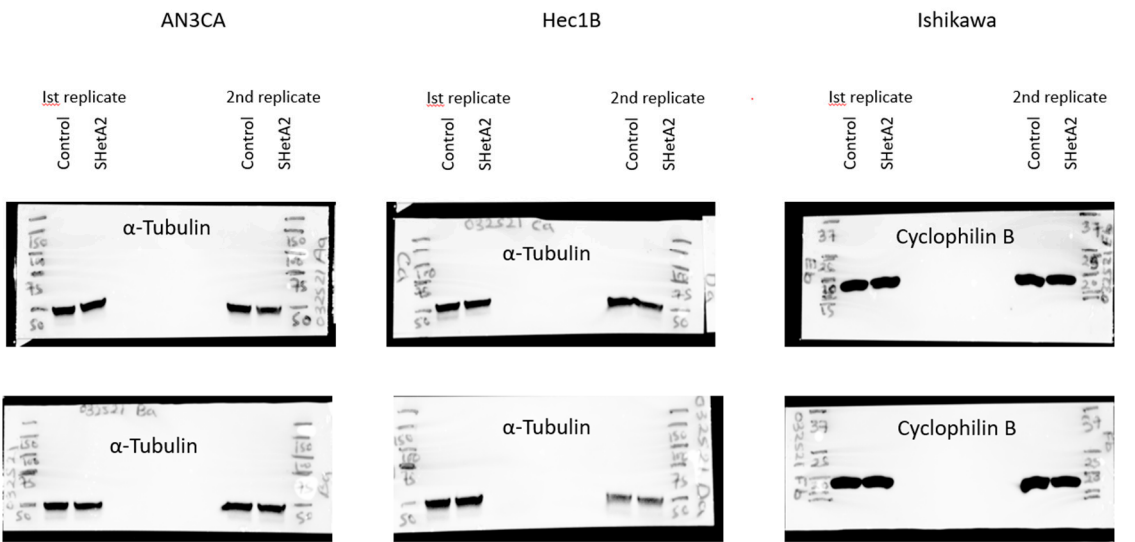
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Figure S1. Network Interactions of Grp78 and hsc70 in SHetA2 proteomic effects in Ishikawa endometrial cancer cells.

Cell cycle Markers



Loading Controls

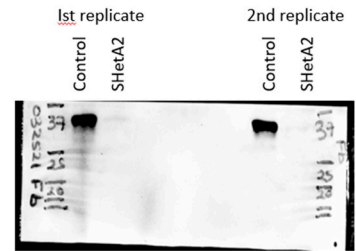
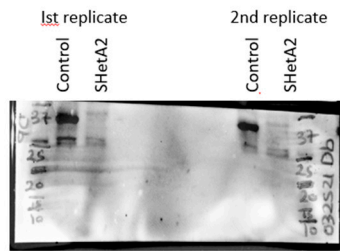
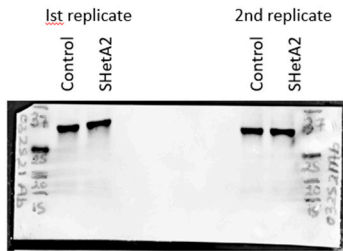


Cyclin D1

AN3CA

Hec1B

Ishikawa

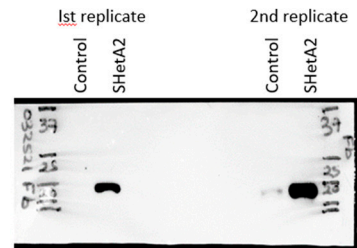
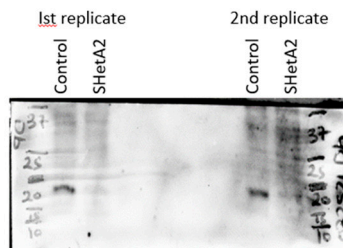
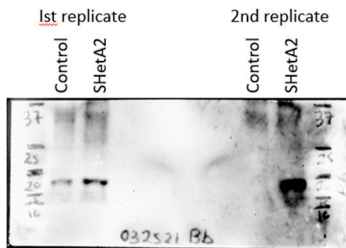


P21

AN3CA

Hec1B

Ishikawa

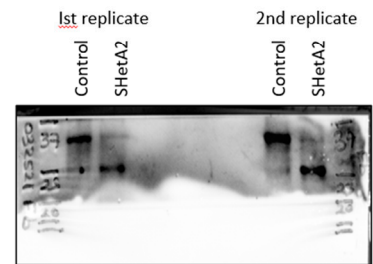
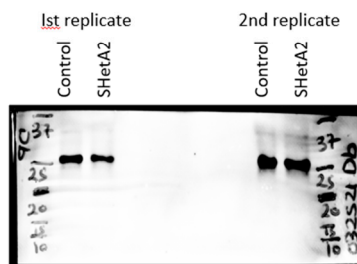
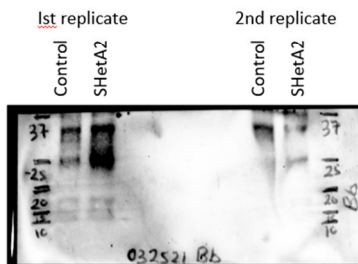


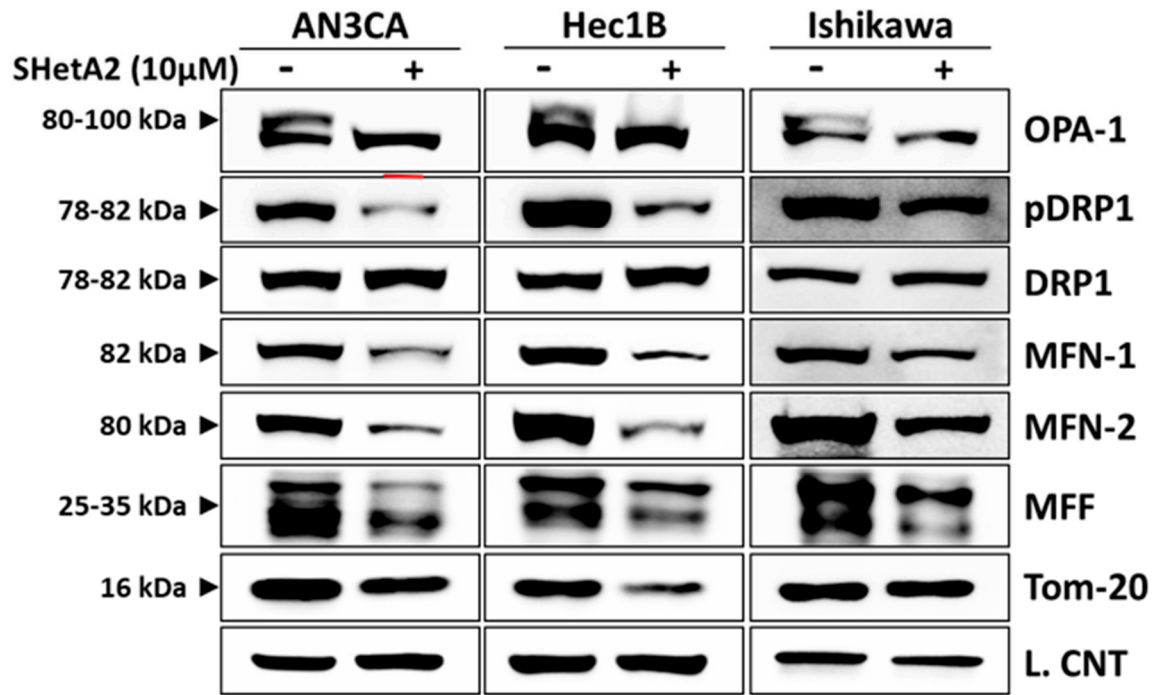
P27

AN3CA

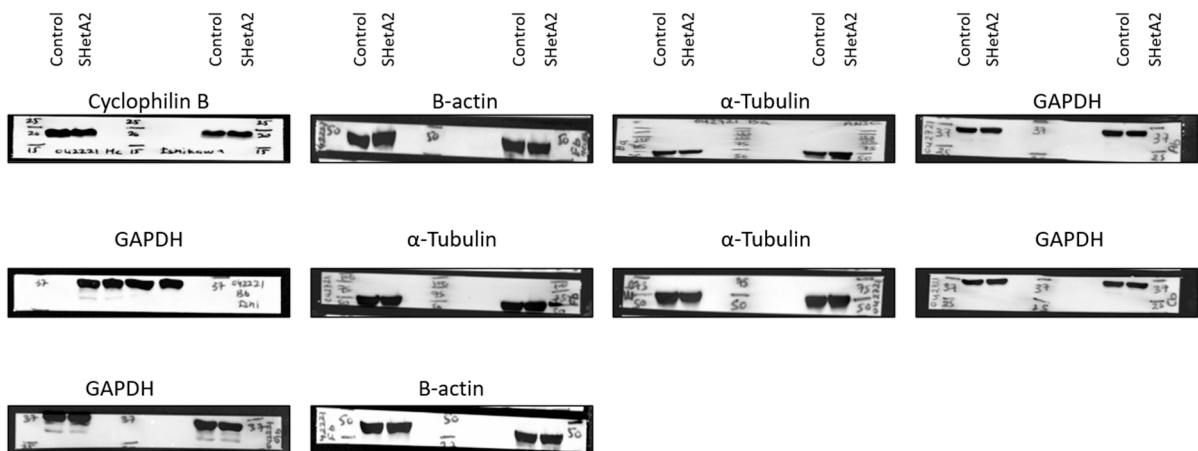
Hec1B

Ishikawa

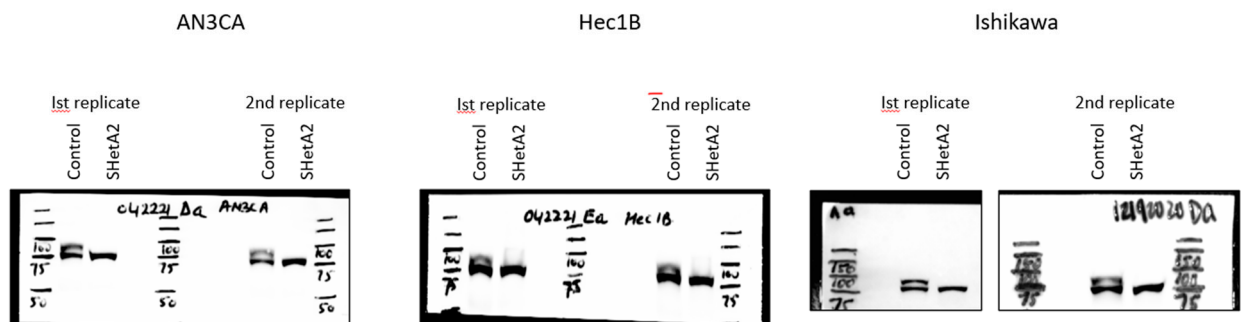




Loading Controls



OPA1

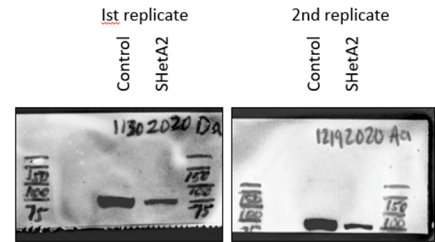
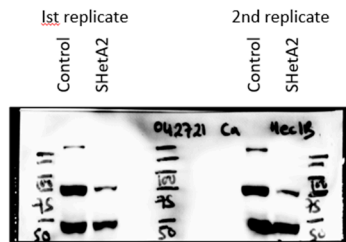
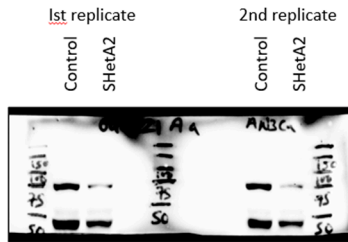


pDRP-1

AN3CA

Hec1B

Ishikawa

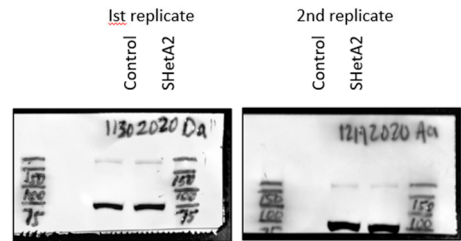
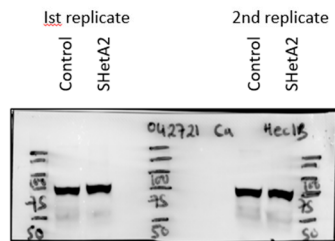
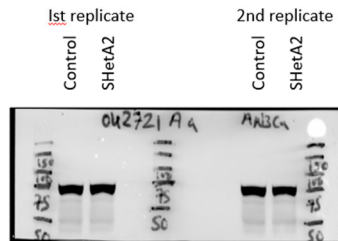


DRP-1

AN3CA

Hec1B

Ishikawa

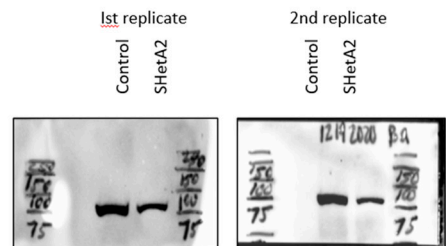
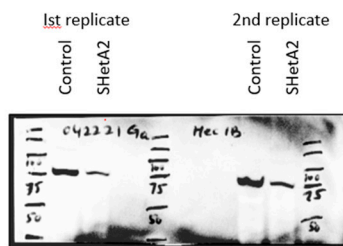
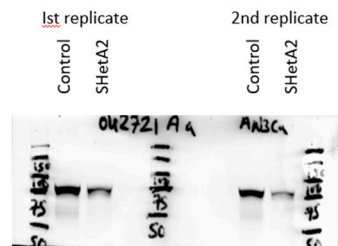


MFN-1

AN3CA

Hec1B

Ishikawa

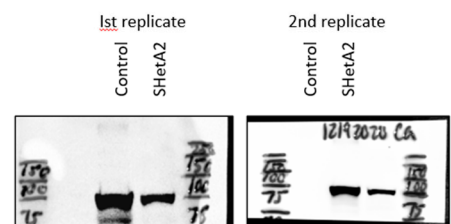
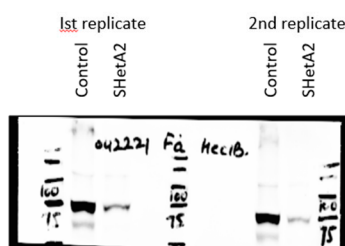
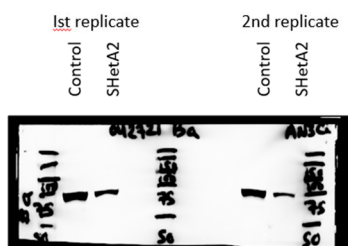


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AN3CA

Hec1B

Ishikawa

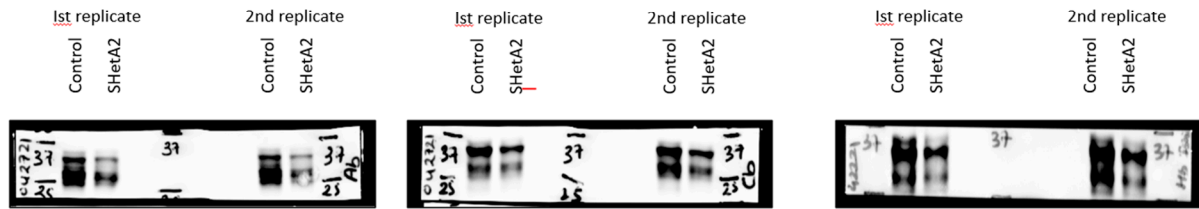


MFF

AN3CA

Hec1B

Ishikawa

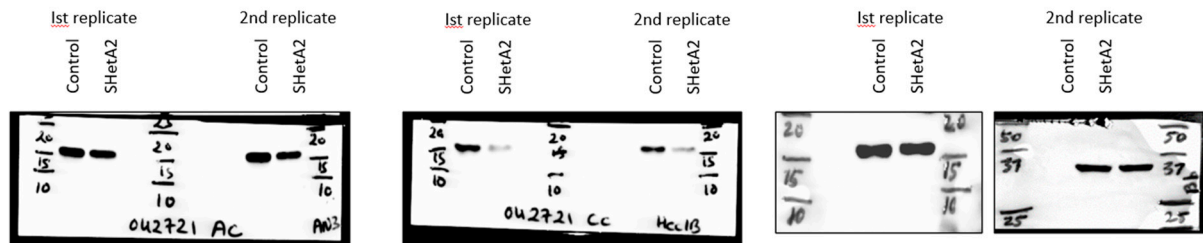


Tom20

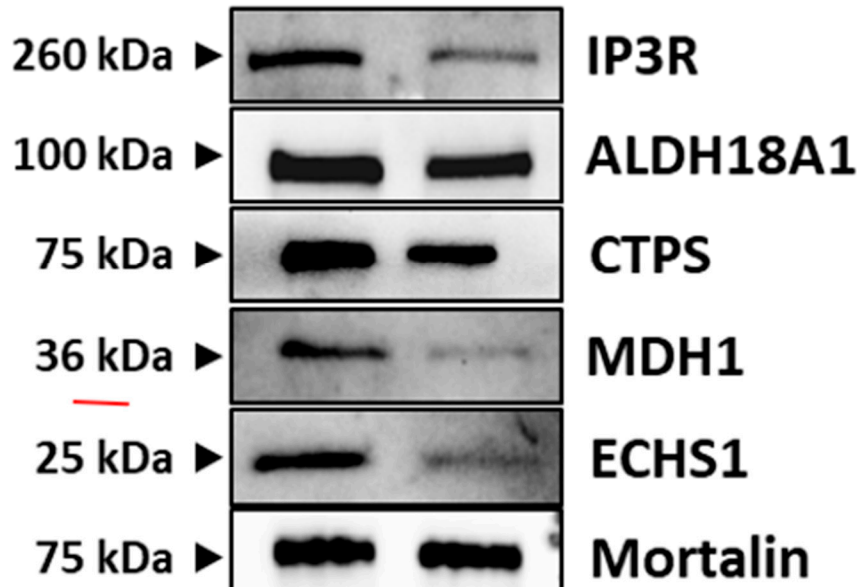
AN3CA

Hec1B

Ishikawa



SHetA2 (10 μ M) - +

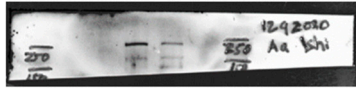


Ishikawa
Co-IP results

IP3R

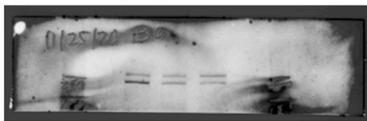
1st replicate

Control
SHetA2



2nd replicate

Control
SHetA2



ALDH18A1

1st replicate

Control
SHetA2



2nd replicate

Control
SHetA2



CTPS

1st replicate

Control
SHetA2



2nd replicate

Control
SHetA2

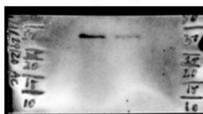


Ishikawa
Co-IP results

MDH1

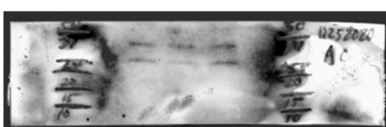
1st replicate

Control
SHetA2



2nd replicate

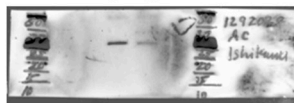
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SHetA2



ECHS1

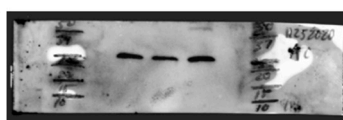
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Control
SHetA2



2nd replicate

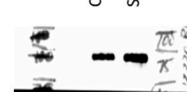
Control
SHetA2



GRP75

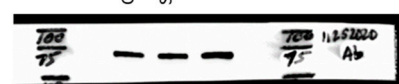
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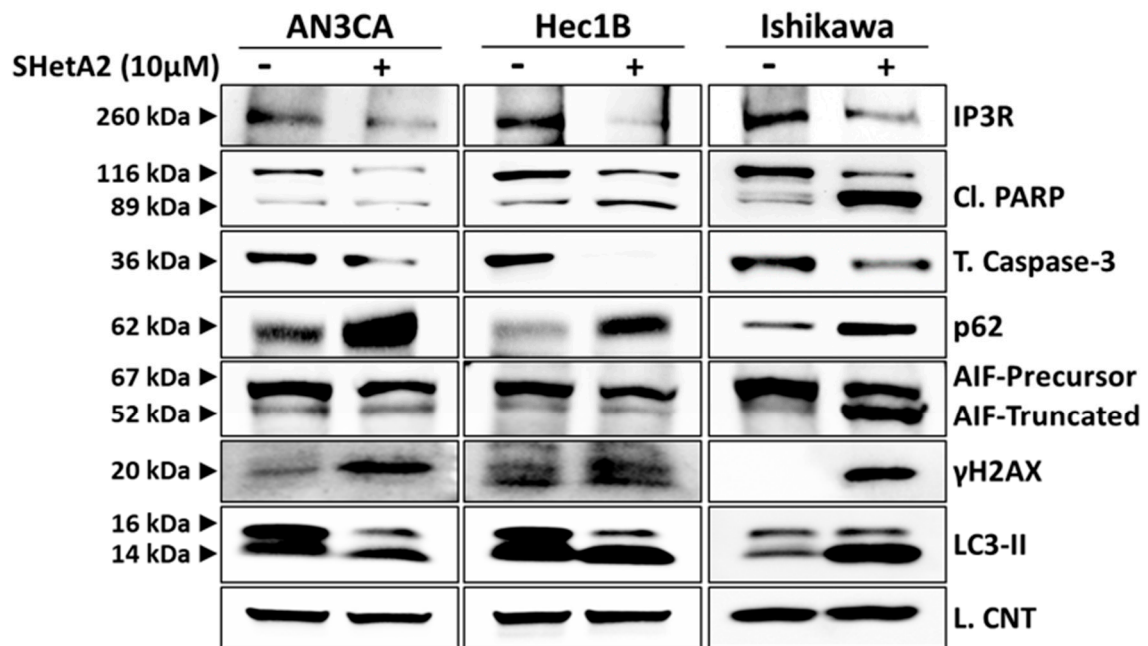
Control
SHetA2



2nd replicate

Control
SHetA2



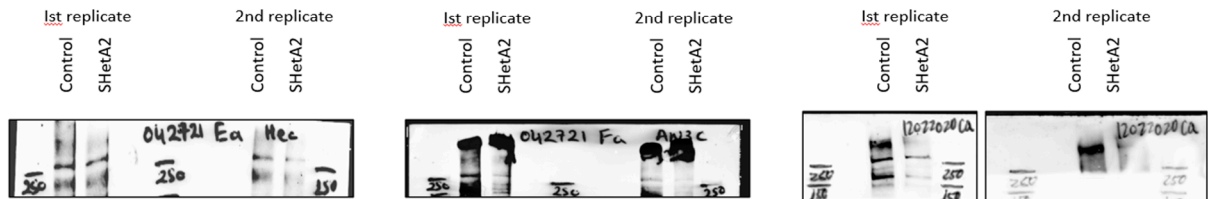


IP3R

AN3CA

Hec1B

Ishikawa

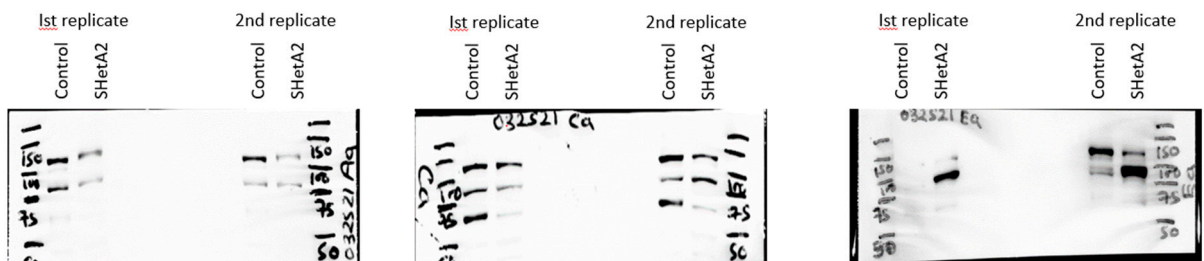


Total PARP

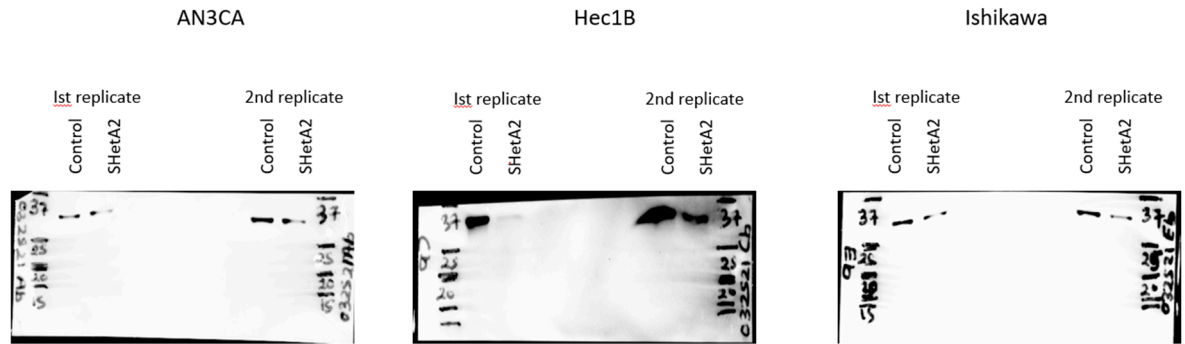
AN3CA

Hec1B

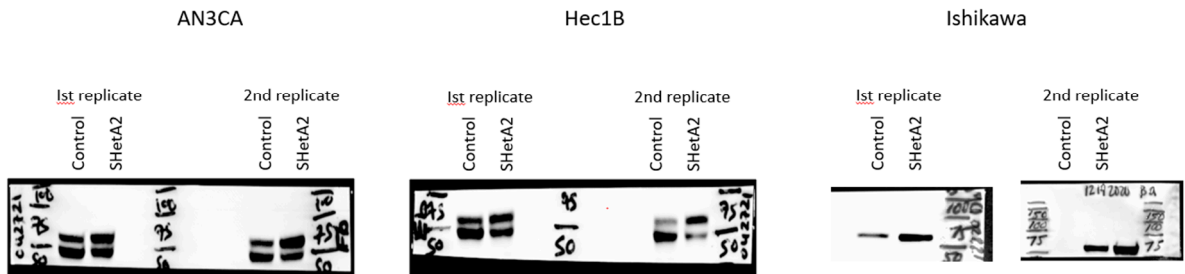
Ishikawa



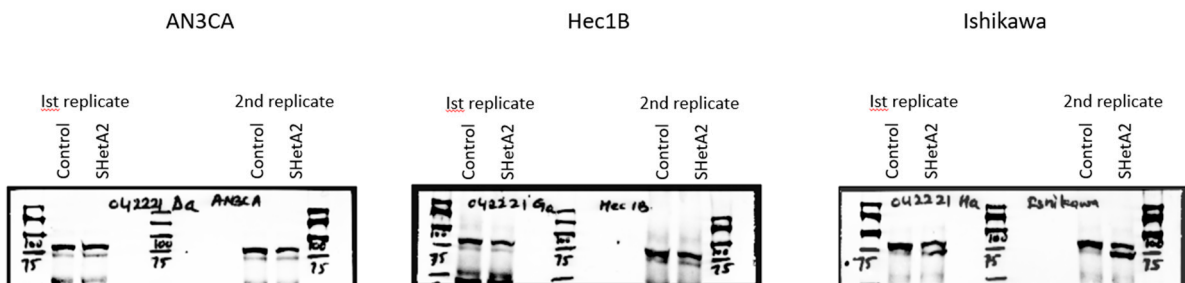
Total Caspase-3



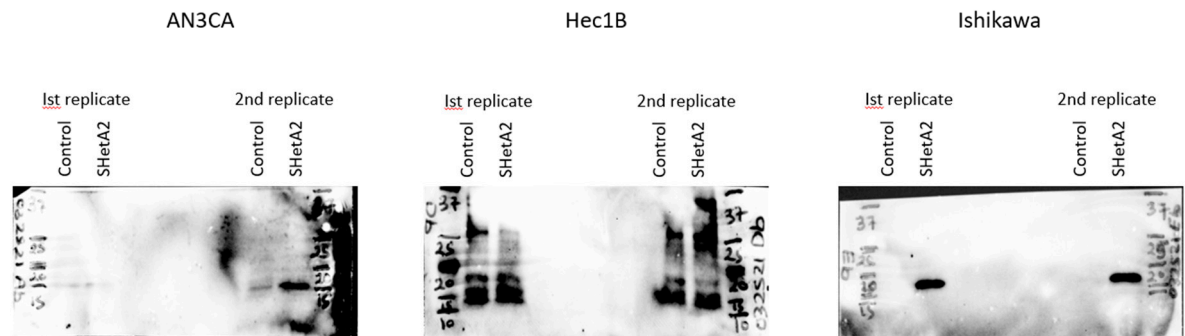
p62



AIF



H2ax

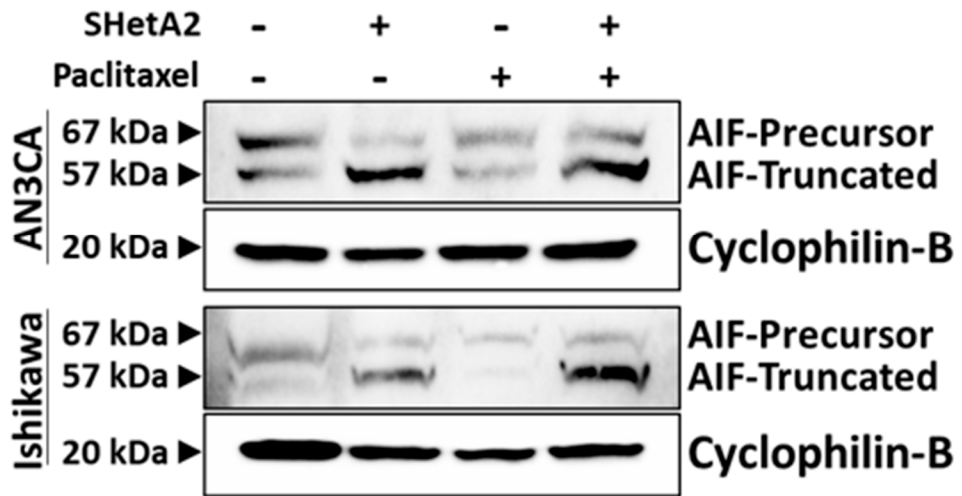
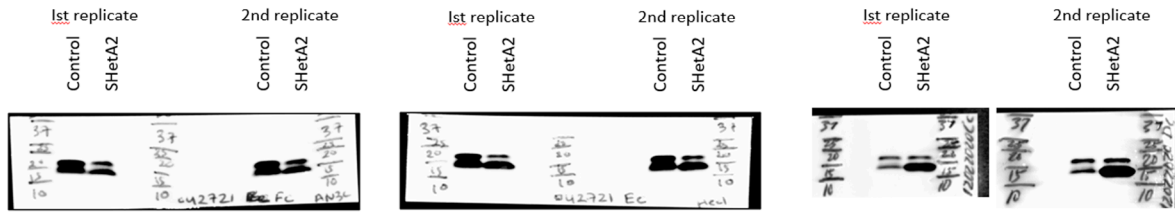


LC IIIB

AN3CA

Hec1B

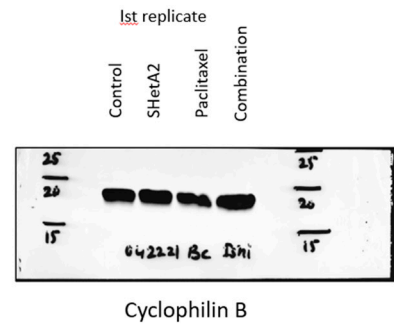
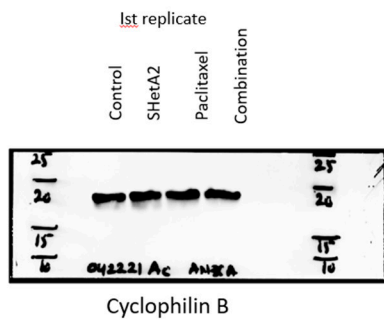
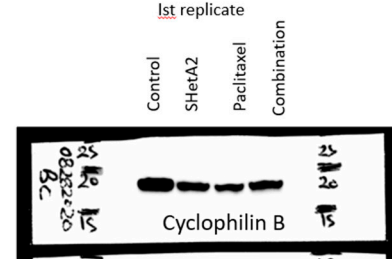
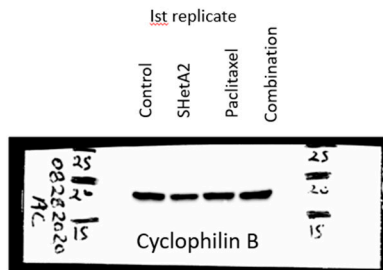
Ishikawa



AN3CA

Loading Control

Ishikawa



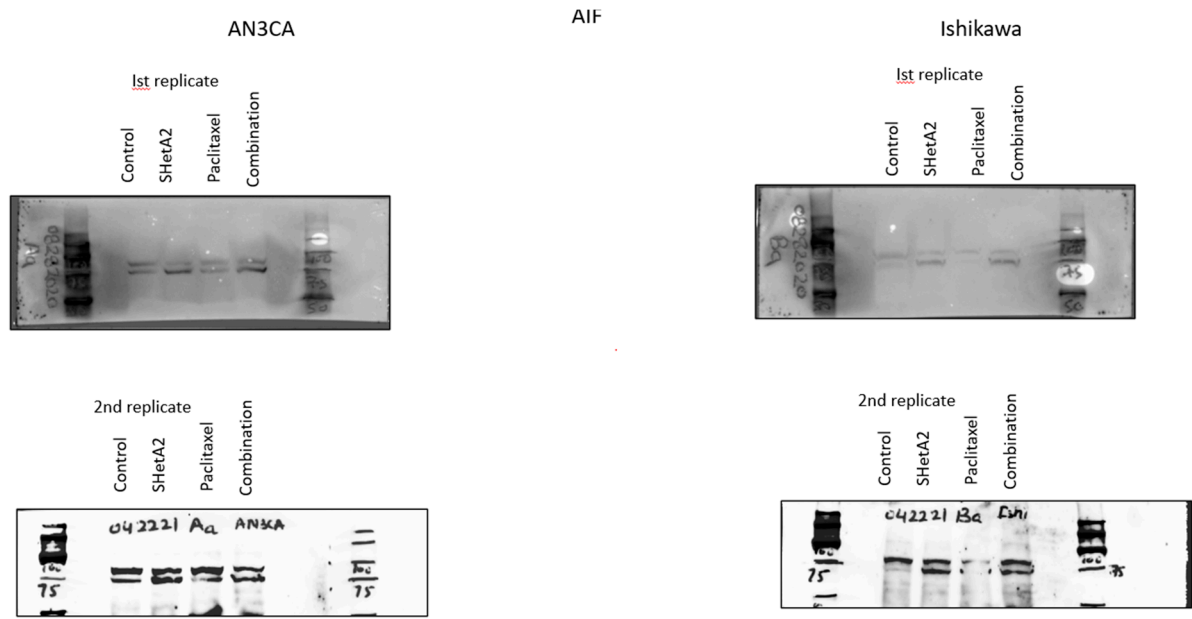


Figure S2. Full images of all Western blots of conducted in this study.