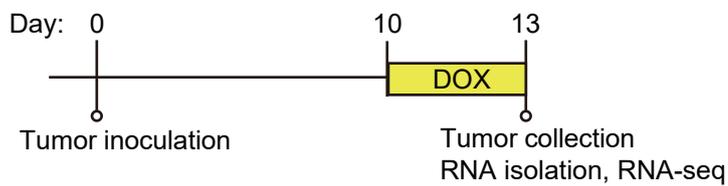


A**B**

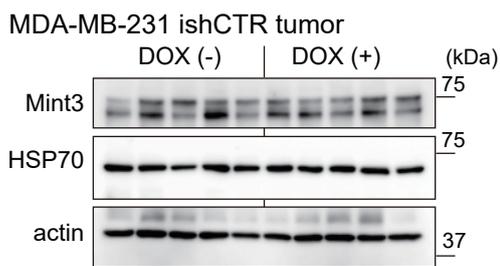
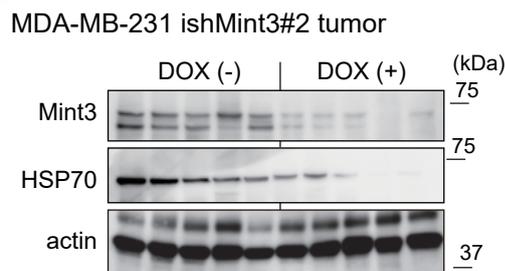
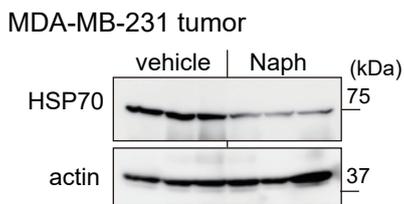
Rank	Gene	log2 FC	adjusted p value
1	RSC1A1	-1.183149837	0.007955842
2	HCLS1	-0.898211842	0.029852346
3	ID2	-0.871320171	0.027769149
4	HSPA1A	-0.829165386	0.002898218
5	TNFSF18	-0.784984533	0.00189841
6	DGKI	-0.703953292	0.033411853
7	FSBP	-0.678040422	0.031616898
8	MAP3K7CL	-0.607979805	5.64E-05

Underrepresented genes in Mint3-depleted MDA-MB-231 tumors

C

Rank	Gene	log2 FC	adjusted p value
1	S100A4	0.633325175	5.38E-18
2	IFI27	0.672891278	0.000140619
3	SYT12	0.678921567	0.029852346
4	ANXA8L1	0.72905626	0.043515559
5	KRT17	1.004037298	1.70E-06
6	KRCC1	1.078352498	0.003749548
7	GATD3A	1.159826405	0.037626749
8	PI16	1.221938956	0.043786295
9	KRT14	1.390402905	0.008722136

Overrepresented genes in Mint3-depleted MDA-MB-231 tumors

D**E****F**

Supplementary Fig. S2. Mint3 promotes HSP70 expression in tumors from MDA-MB-231 cells.

A Schematic illustration of the RNA-seq analysis of MDA-MB-231 ishMint3 tumors.

B List of underrepresented genes in Mint3-depleted MDA-MB-231 tumors.

C List of overrepresented genes in Mint3-depleted MDA-MB-231 tumors.

D, E Protein levels of Mint3 and HSP70 in tumors from MDA-MB-231 ishCTR (**D**) and ishMint3#2 cells (**E**) administered with or without doxycycline (DOX) for 3 days. n = 5 per group.

F Protein levels of HSP70 in tumors from MDA-MB-231 cells administered with or without naphthofluorescein (Naph) for three days. n = 3 per group.