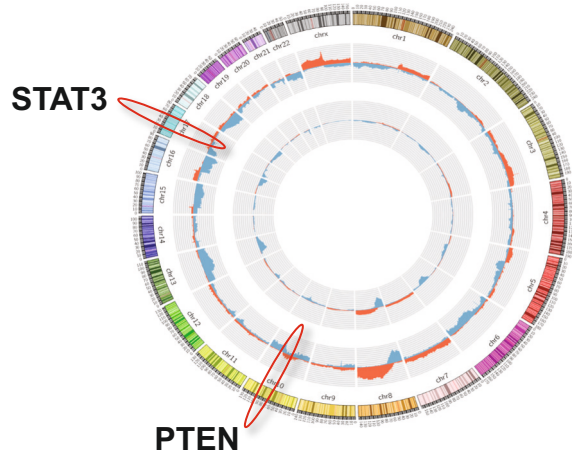
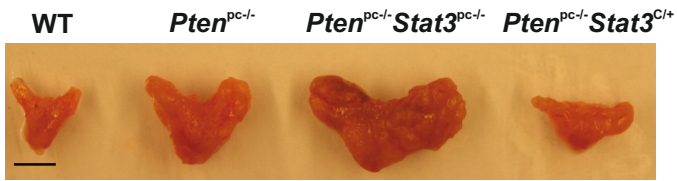
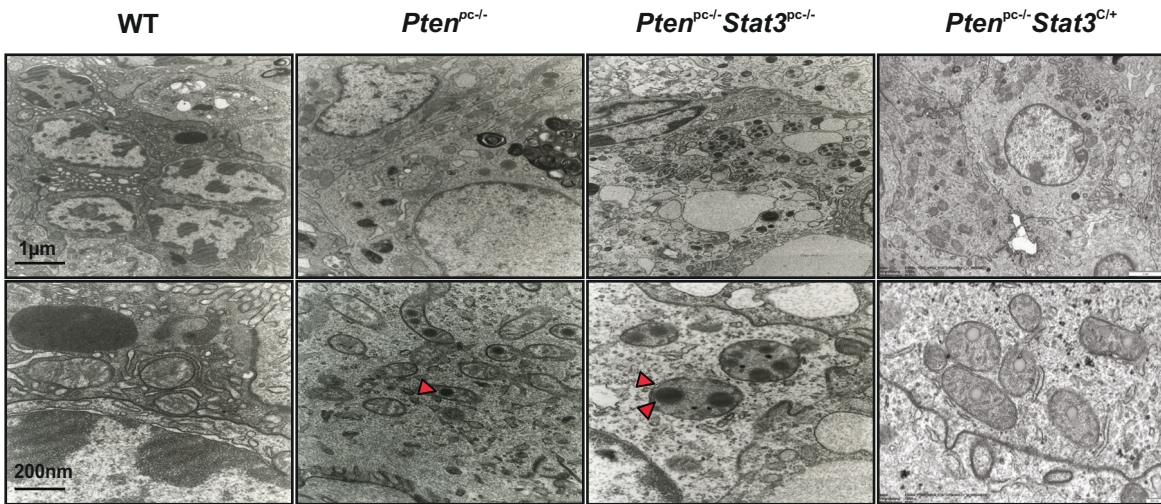
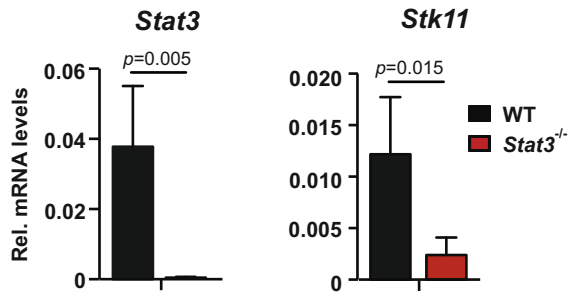
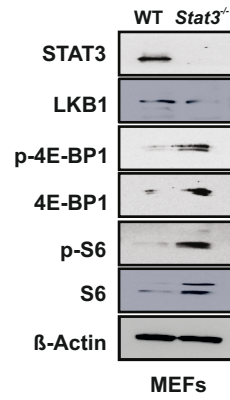
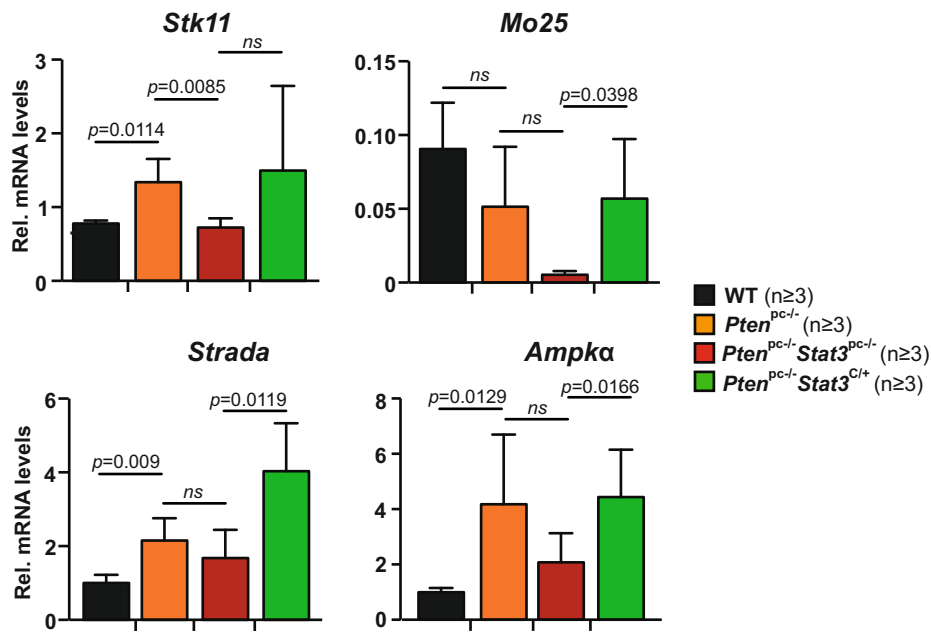
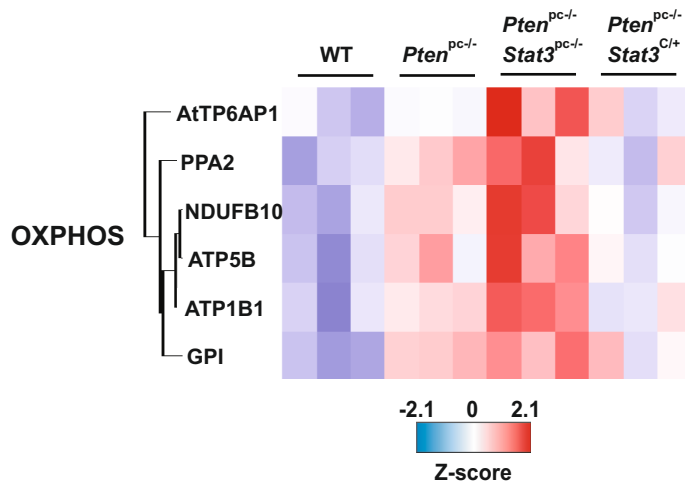


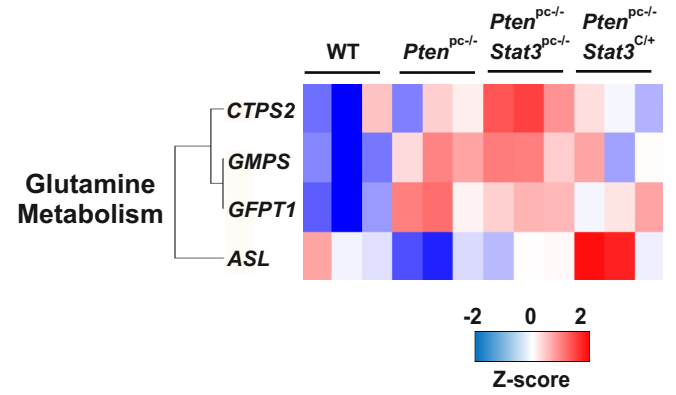
**A****B****C**

**A****B****C**

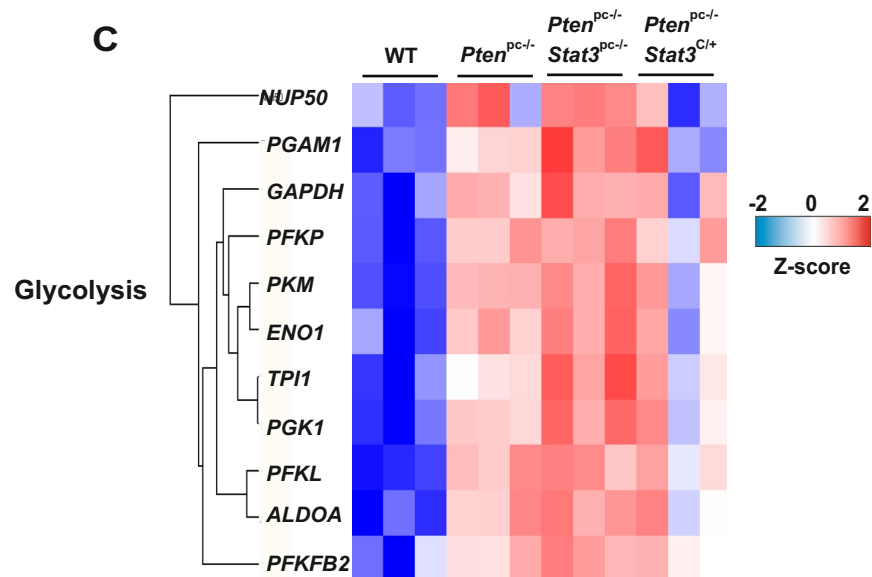
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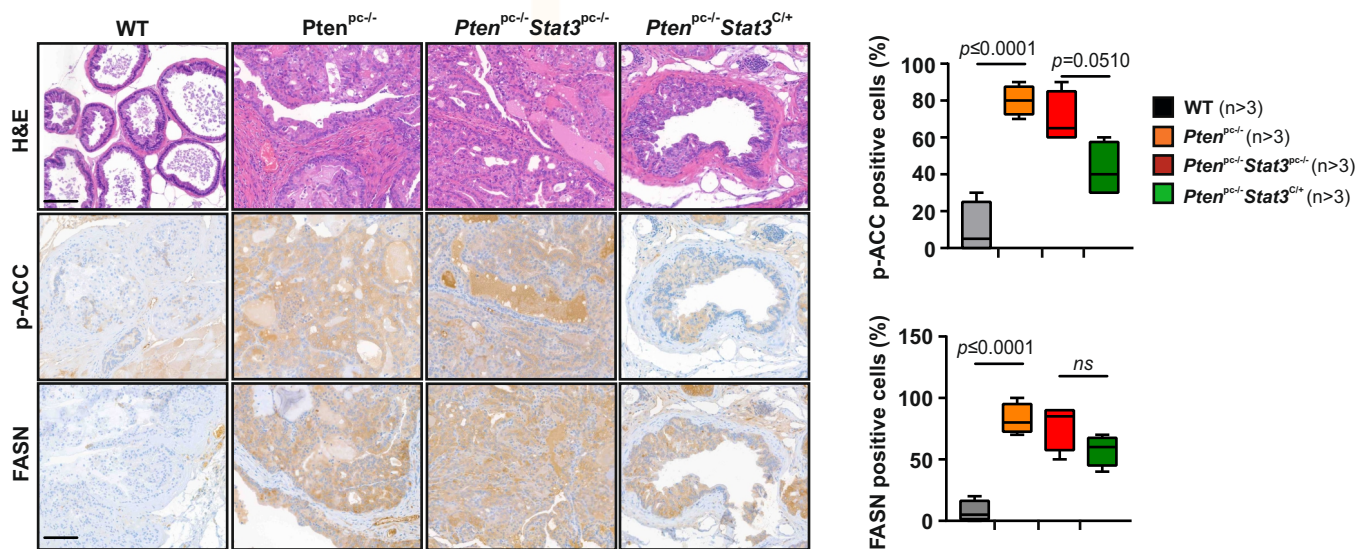
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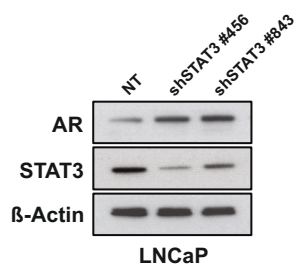
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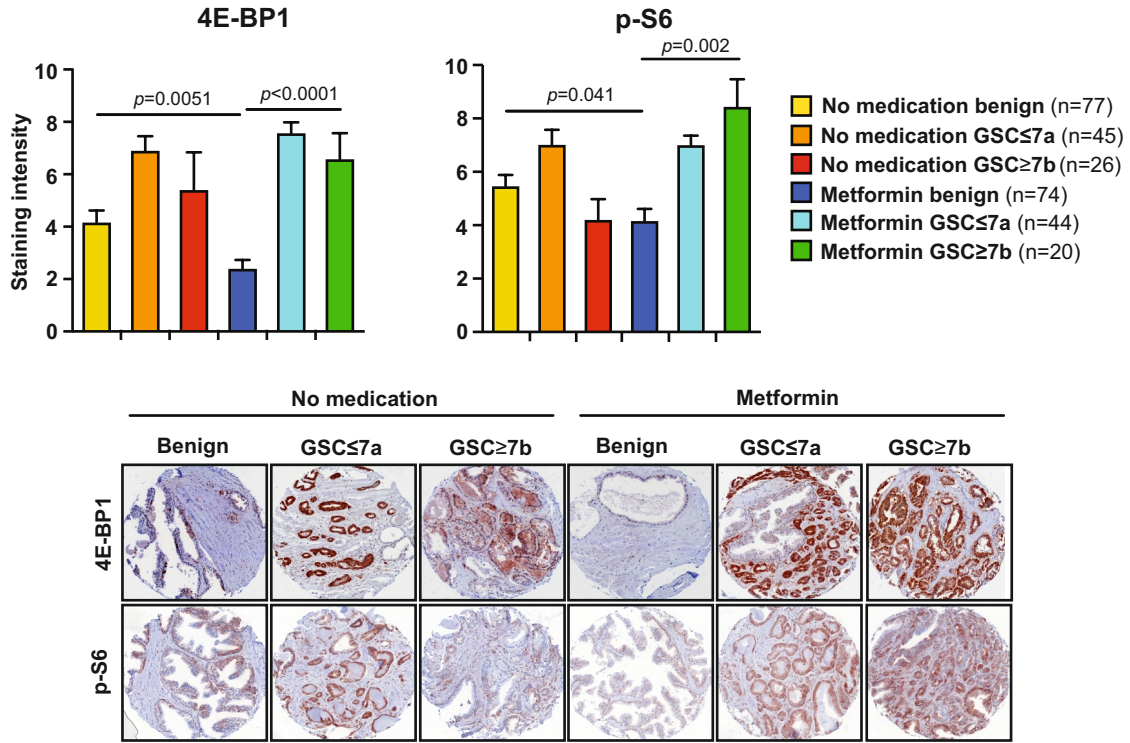
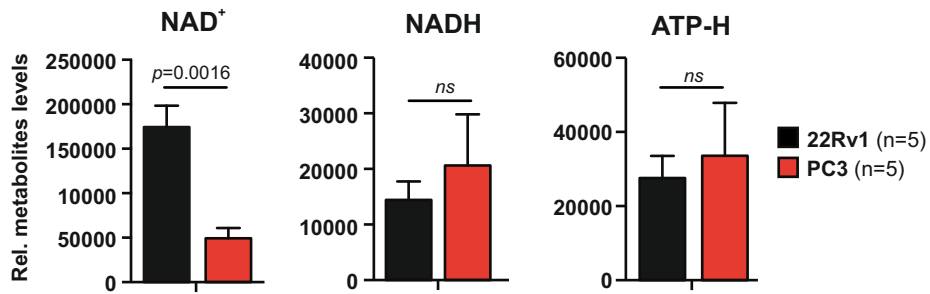
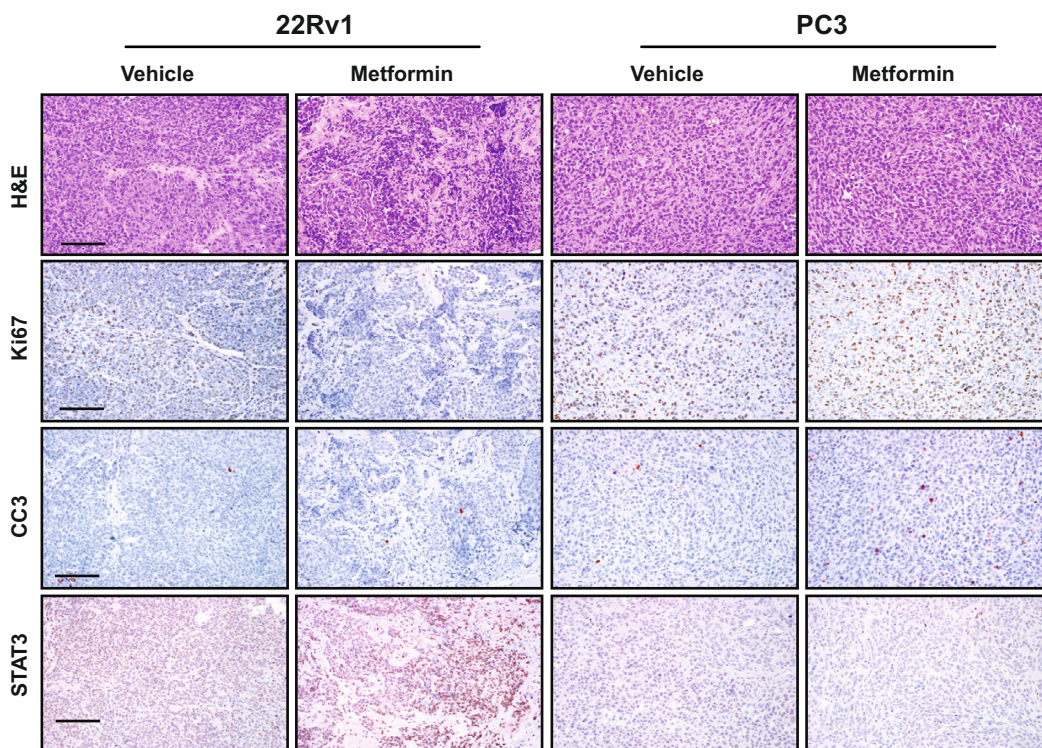


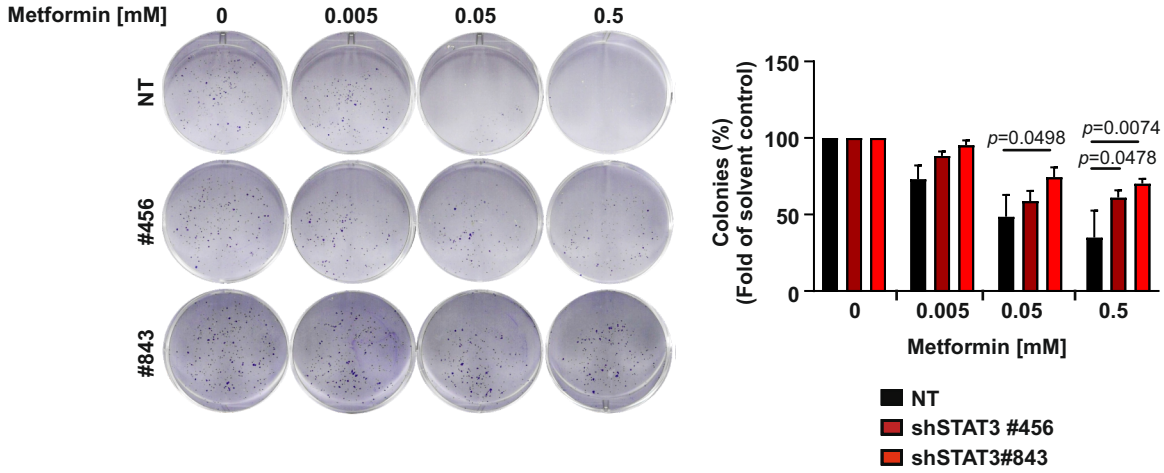
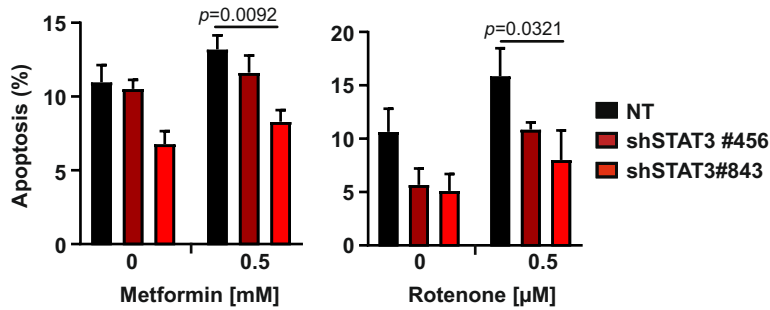
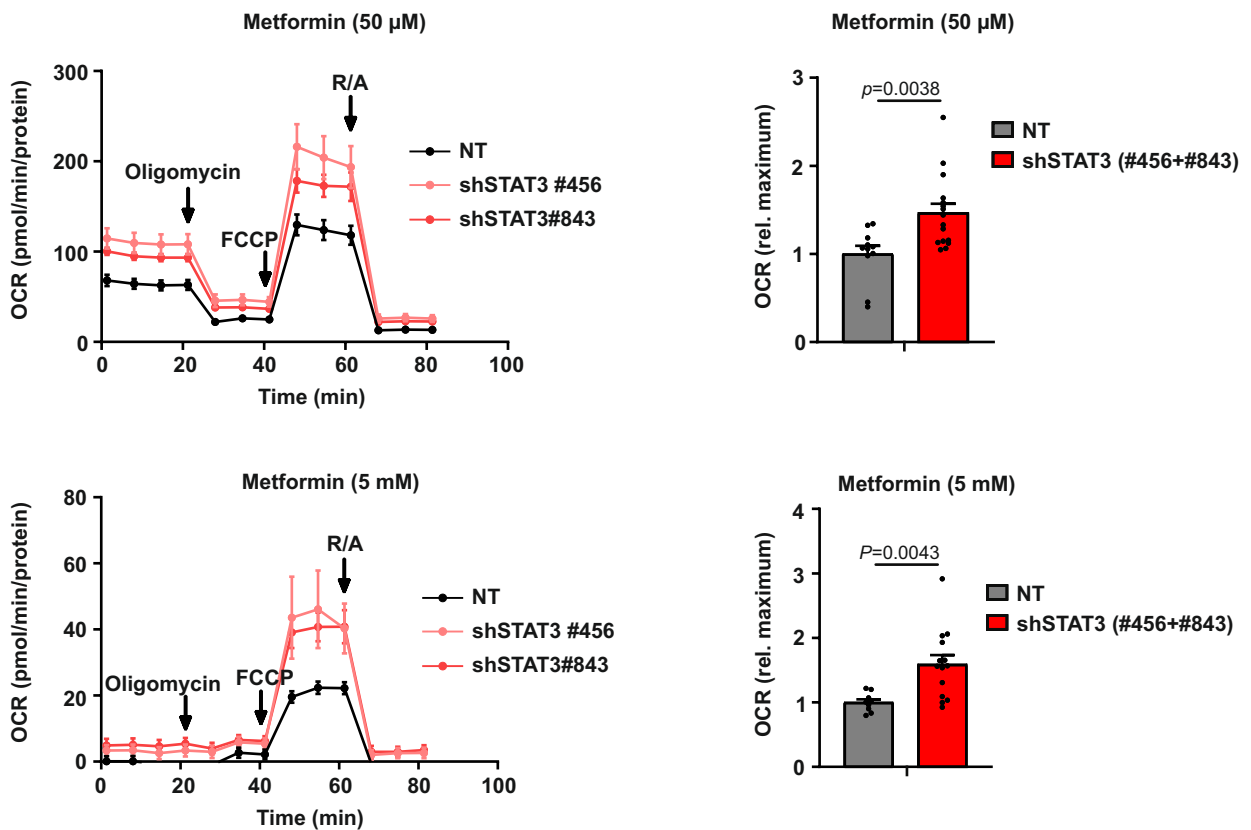
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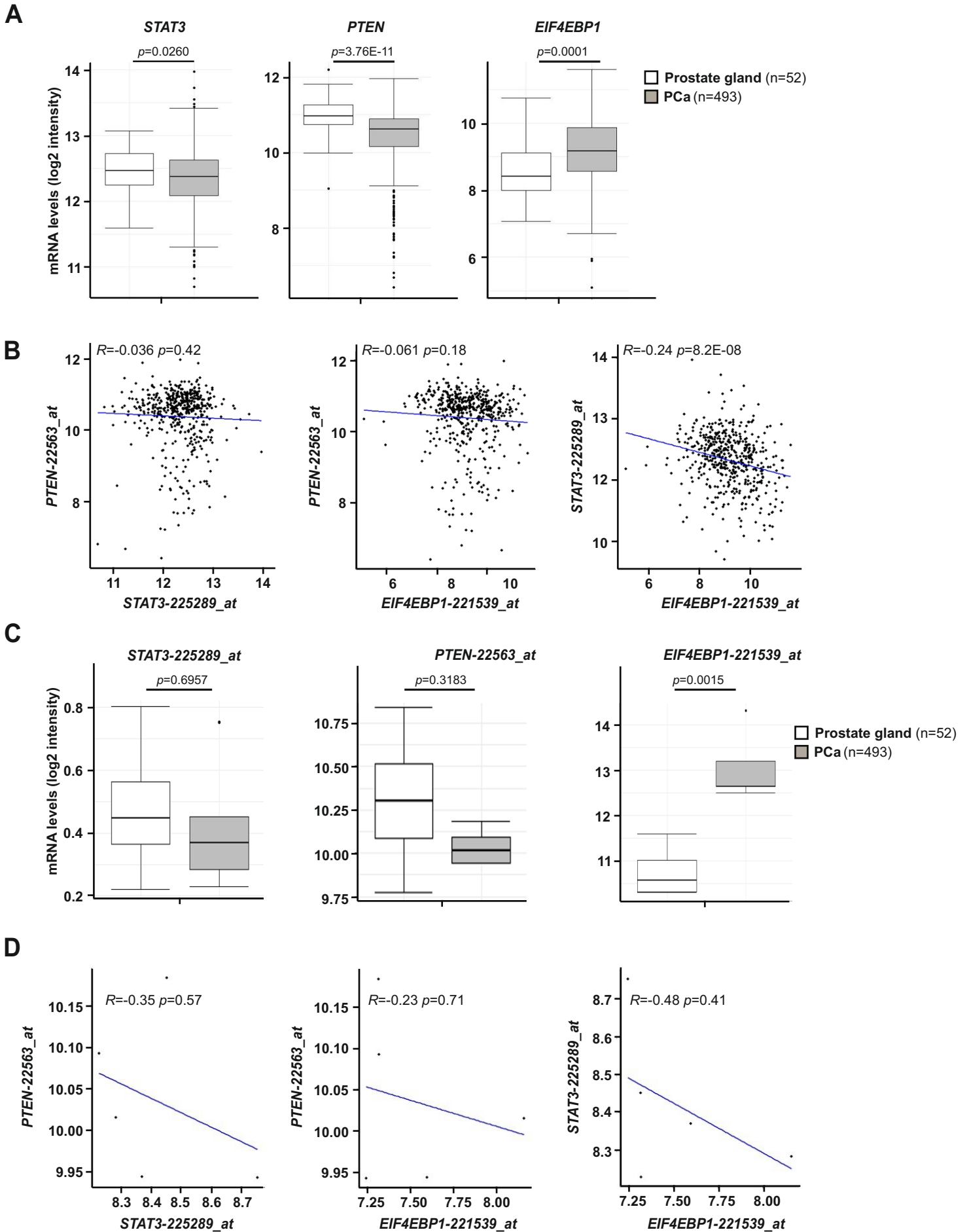


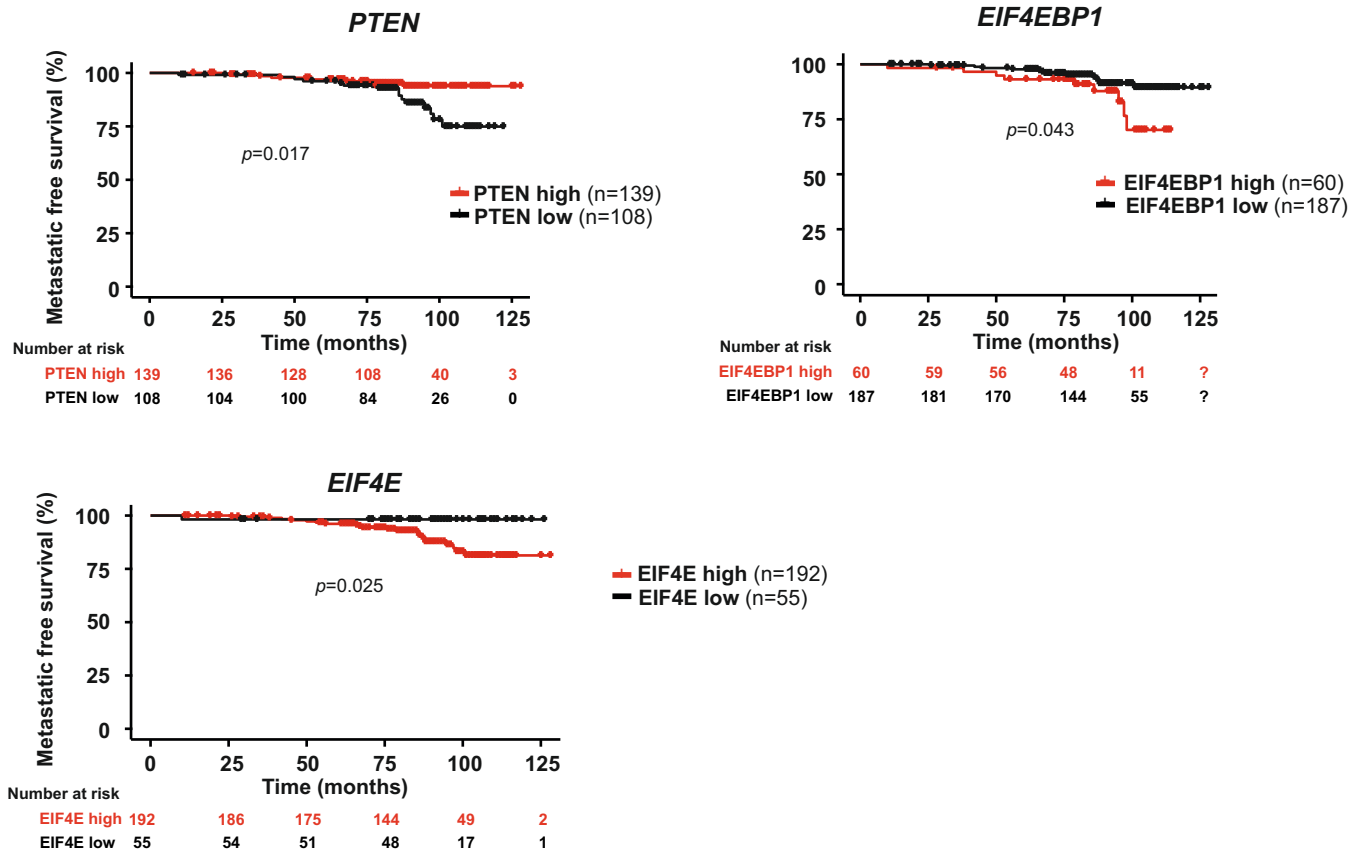
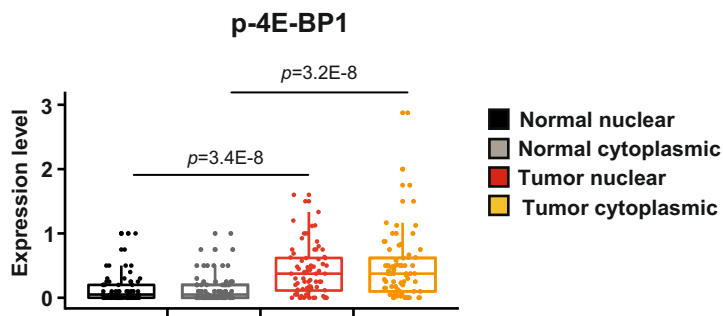
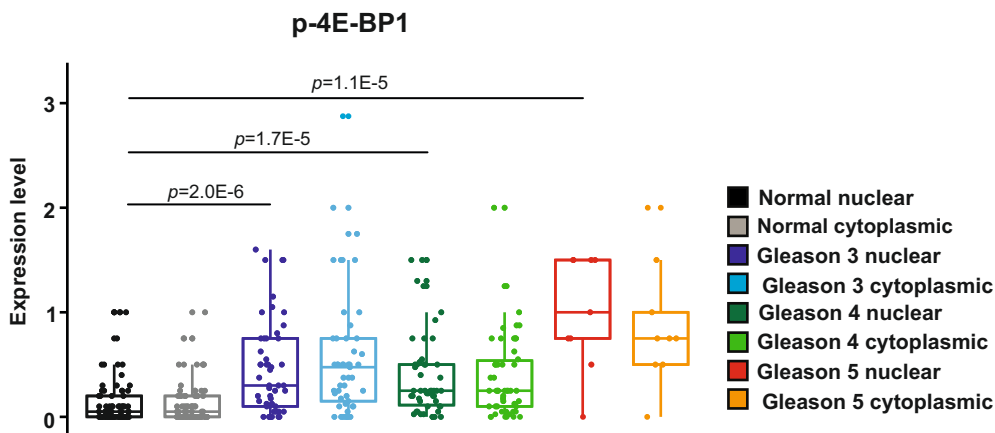
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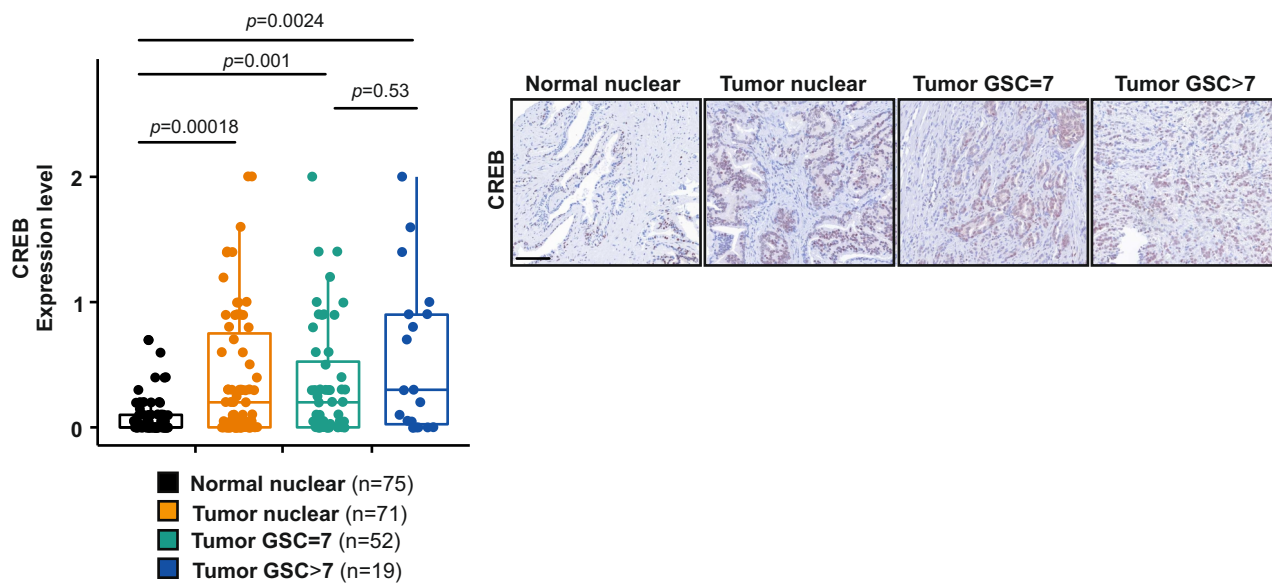
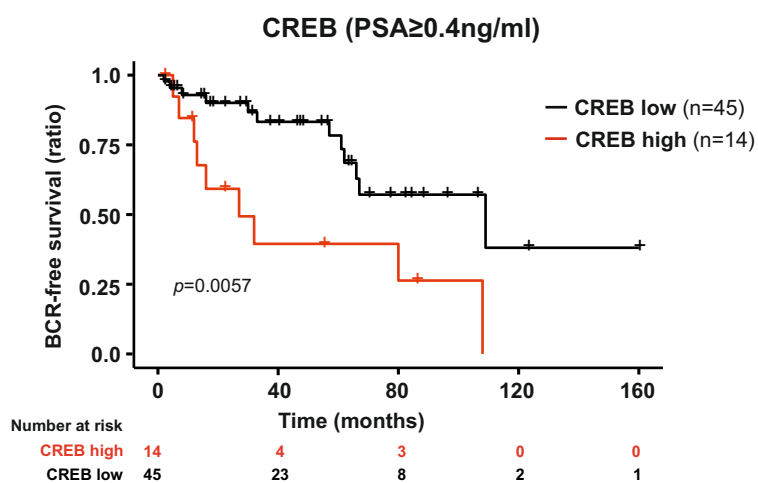


**A****B****C**

**D****E****F**



**E****F****G**

**A****B**



**Supplementary Table 1**

<b>Human Primers qPCR</b>		
Gene name	Forward 5'-3'	Reverse 5'-3'
STAT3	TGACATTCCCAAGGAGGAGGC	TGCAGCTTCCGTTCTCAGCTCC
<b>Mouse Primers qPCR</b>		
Gene name	Forward 5'-3'	Reverse 5'-3'
Stk11	CACACTTTACAACATCACCA	CTCATACTCCAACATCCCTC
Mo25	CCGTTCCCATTTGGCAAGTCT	GTCAAGCAGGTAGAGTGCCG
Strada	TTCCCTCTGTTCCCATGTCC	AGTCCCAGCCTTAACTGACC
AMPK $\alpha$	CACCCTCACATCATCAAAGT	CTCCTCCAGAGACATATTCCA
<b>Primers ChIP qPCR</b>		
Gene name	Forward 5'-3'	Reverse 5'-3'
STK11_Pr1	GGACCTACCGATGCCAATTA	TGGGCAATAAGAGCGAAACT
STK11_Pr2	CTTCCCCTGGTCCAAGAGT	GGCGAGGTCAAGGGTCAAAA
STK11_Pr1 Neg	GAGGACGAAGTTGACCCTGA	GAACACTTCCTCATGGACCTG