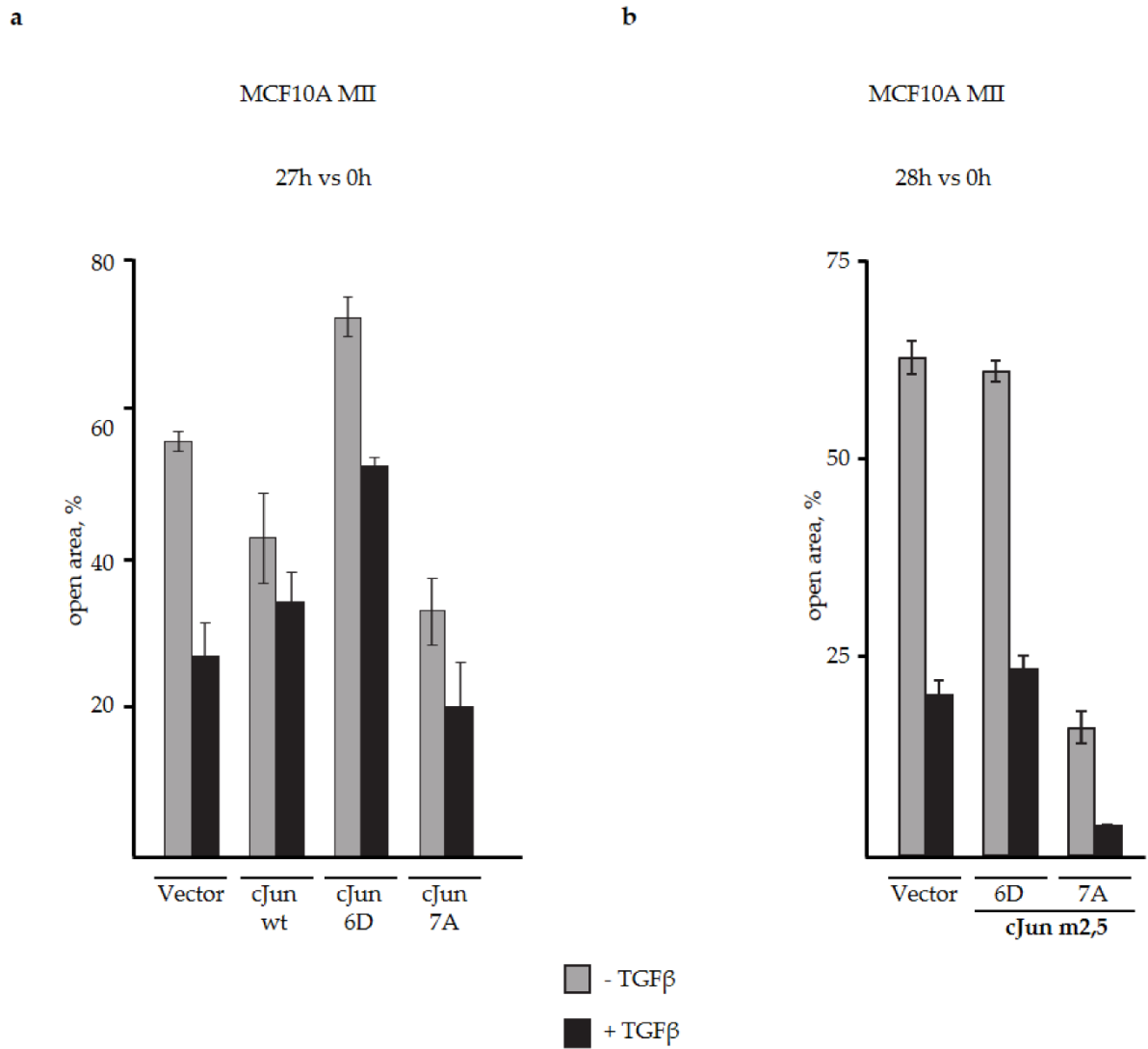
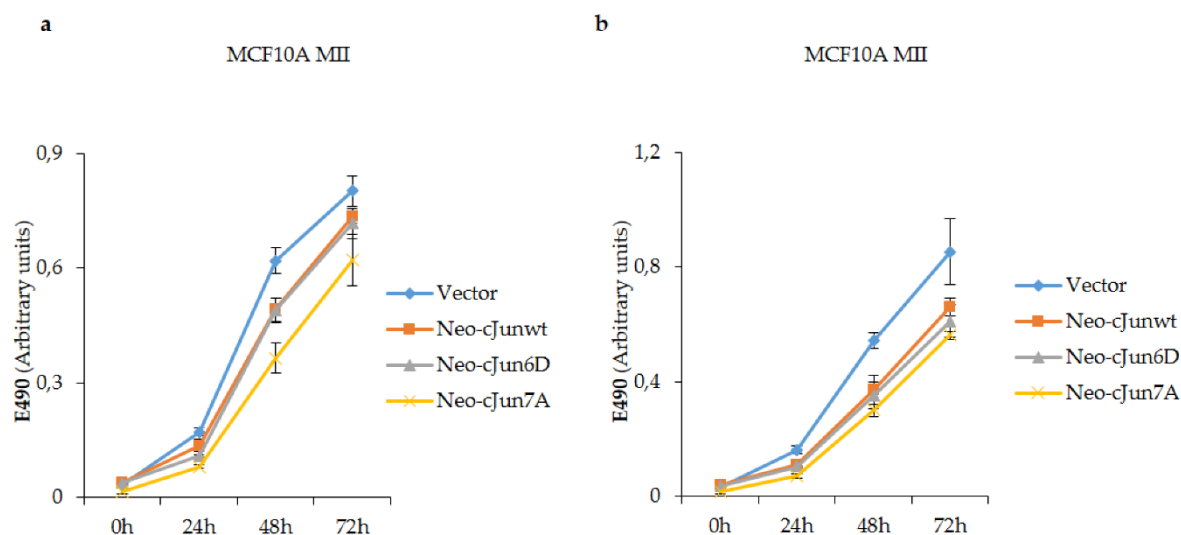


Supplementary Figure S1



Supplementary Figure S1 JNK-dependent cJun phosphorylation negatively affects MCF10A MII cell migration. **(a)** Migration of MCF10A MII cells stably overexpressing of wt cJun, and cJun-6D and cJun-7A mutants in the presence or absence of TGF β (5 ng/ml) for 27 h, as measured by wound healing assays; **(b)** Migration of MCF10A MII cells stably overexpressing the HA-tagged Fos- (m2,5) preferring variants of cJun-6D and cJun-7A in the presence or absence of TGF β (5 ng/ml) for 28 h, as measured by wound healing assays.

Supplementary Figure S2



Supplementary Figure S2. MCF10A-MII cells expression ectopic cJun-7A did not show enhanced proliferation. **(a,b)** Proliferation of MCF10A-MII cells stably overexpressing wt cJun, cJun-6D, or cJun-7A, and the vector control, growing for the indicated times in complete media + 0,2%FBS (a), or in complete media + 0,2%FBS and 5ng/ml TGF β (b). The assays were performed in triplicate using the CellTiter 96 AQueous One Solution Cell Proliferation Assay Kit from Promega.

Supplementary Table S1. Primer sequences for qRT-PCR

Name	Sequence
<i>FLNA</i> FW	5'-CATCTGATGGACCAGCCTCTC-3'
<i>FLNA</i> Rev	5'-GCAGTTGGCTGTTGATCTGC-3'
<i>GAPDH</i> FW	5'-GGAGTCAACGGATTTGGTCGTA-3'
<i>GAPDH</i> Rev	5'-GGCAACAATATCCACTTTACCA-3'
<i>HBEGF</i> FW	5'-TCCTCTCGGTGCGGGACCAT-3'
<i>HBEGF</i> Rev	5'-GTGCCGAGAGAACTGCAGCCAG-3'
<i>MMP1</i> FW	5'-CCAAATGGGCTTGAAGCT-3'
<i>MMP1</i> Rev	5'-GTAGCACATTCTGTCCCTAA-3'
<i>MMP2</i> FW	5'-AGATGCCTGGAATGCCAT-3'
<i>MMP2</i> Rev	5'-GGTTCTCCAGCTTCAGGTAAT-3'
<i>MMP10</i> FW	5'-CCCCTGGTGCCCAAAA-3'
<i>MMP10</i> Rev	5'-TCACACTTGGCTGGCATCTC-3'
<i>SERPINE1</i> FW	5'-GAGACAGGCAGCTCGGATTC-3'
<i>SERPINE1</i> Rev	5'-GGCCTCCCAAAGTGCATTAC-3'
<i>WNT7A</i> FW	5'-TGCCCGGACTTCATGAAC-3'
<i>WNT7A</i> Rev	5'-GTGTGGTCCAGCACGTCTTG-3'
<i>WNT7B</i> FW	5'-AAGCTCGGAGCACTGTCATC-3'
<i>WNT7B</i> Rev	5'-ACTGGTACTGGCACTCGTTG-3'