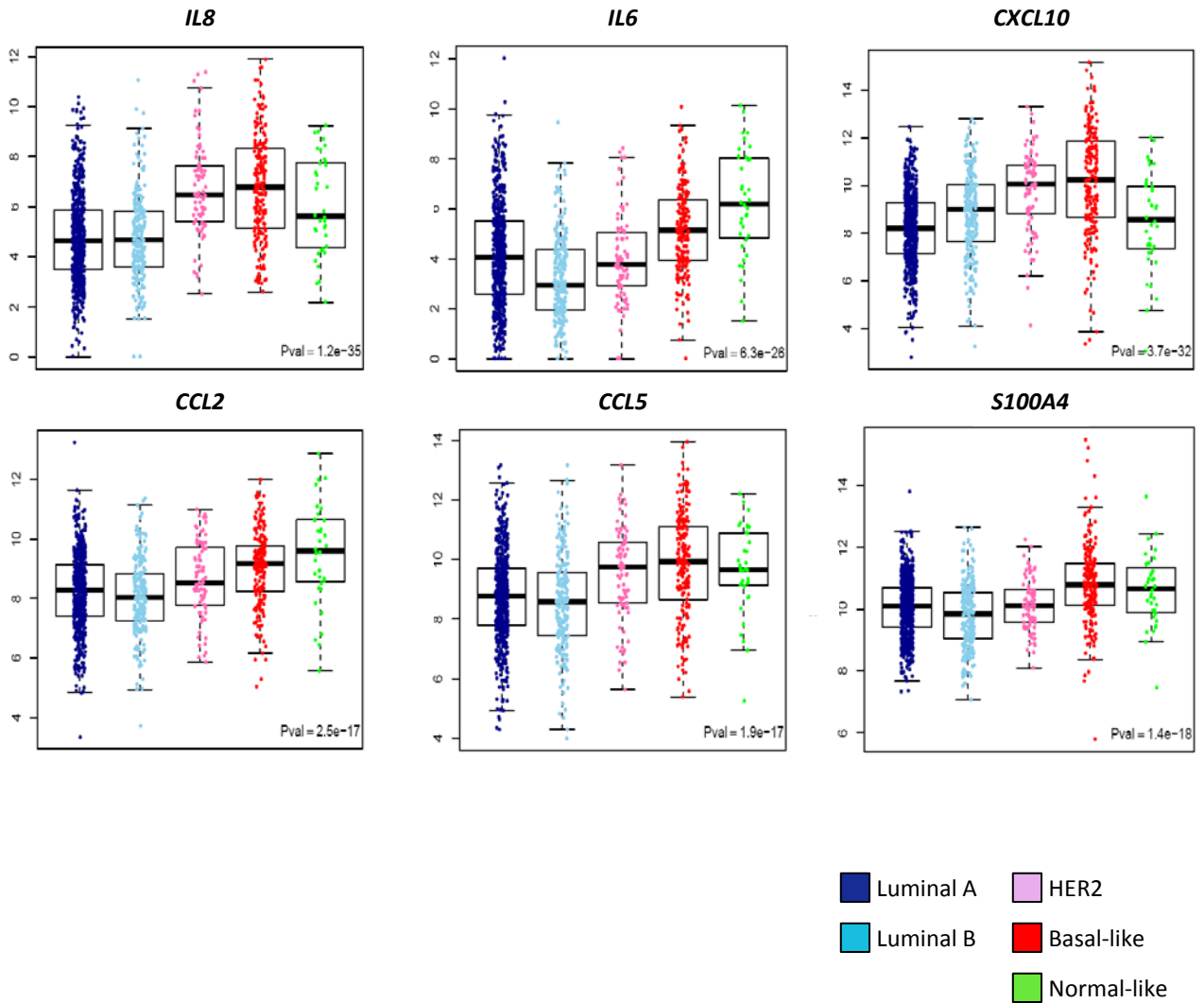
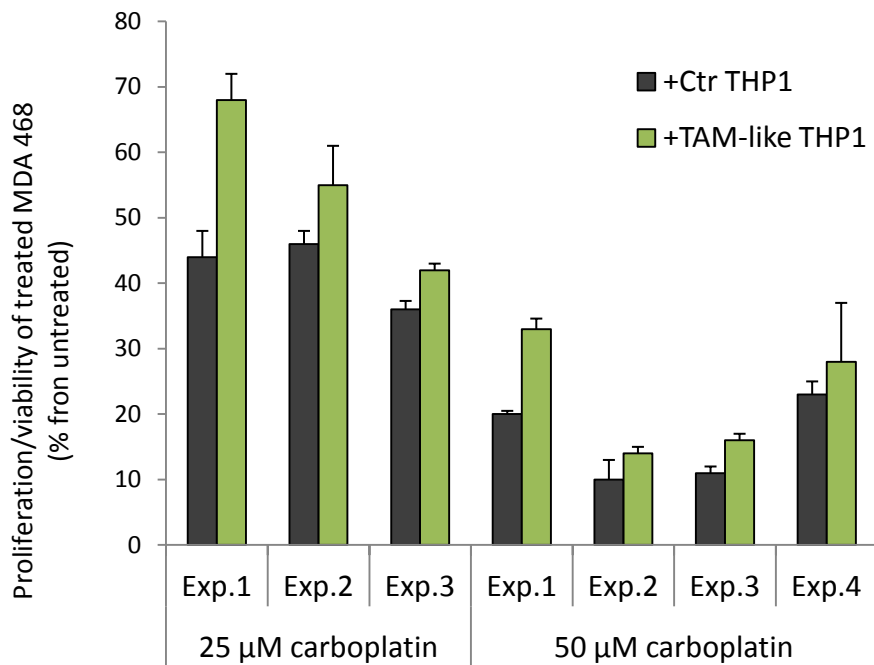


**Supplementary Figure S1. S100A4 induced cytokine production is observed in EpCAM positive BCCs, but not in EpCAM negative stromal cells.** Cells from two patient biopsies (P3 and P4) were propagated in culture and FACS sorted into EpCAM-positive (enriched for BCCs) and EpCAM-negative (enriched for stromal cells) subpopulations. Each subpopulation was stimulated with 2  $\mu\text{g/ml}$  rS100A4 (controls, non-stimulated) for 24 hrs and the growth medium was analyzed for cytokine levels by the multiplex immunoassay. The total level of five most abundant cytokines (IL-8, IL-6, CXCL10, CCL2 and CCL5) in each subpopulation and non-sorted cells, with/without S100A4 stimulation, is presented in the upper graph. Phase contrast images illustrate the morphology of each culture.



**Supplementary Figure S2. Gene expression levels of the most abundant S100A4-inducible cytokines and S100A4 itself in the five molecular subtypes of BC from TCGAs collection of breast tumors.** P-values indicated significant difference in expression between the subtypes. Kruskal-Wallis rank sum test was used to assess significant differences.



**Supplementary Figure S3. TAM-like THP1 make MDA468 cells less sensitive to carboplatin.** The co-cultures of GFP-Luc labeled MDA468 cells and Ctr THP1 or TAM-like THP1 were treated with 25  $\mu$ M or 50  $\mu$ M carboplatin for 3 days. The proliferation/viability of the treated cancer cells was scored by measuring Luc-mediated bioluminescence and is presented as % from respective untreated controls. The graph indicates average  $\pm$  StDev from 3 technical parallels in each experiment (Exp.)

**Supplementary Table S1.** Primer sequences and probes used for qPCR.

<b>Gene</b>	<b>Primer sequence</b>	<b>Universal probe</b>
<i>iNOS</i>	forward: attcagctgtgccttcaacc reverse: cattgccaaacgtactggtc	#66
<i>CD206</i>	forward: ggctacatatgccagacacg reverse: ttaacaaagccatctgtttgaatc	#67
<i>IL8</i>	forward: agacagcagagcacacaagc reverse: atggttccttccgggtgt	# 72
<i>IL6</i>	forward: gatgagtacaaaagtcctgatcca reverse: ctgcagccactggttctgt	#40
<i>CCL2</i>	forward: agtctctgccgcccttct reverse: gtgactggggcattgattg	#83
<i>CCL5</i>	forward: cgctgtcatcctcattgcta reverse: ggtgtggtgtccgaggaata	#16
<i>CXCL10</i>	forward: gaaagcagtttagcaaggaaaggt reverse: gacatatactccatgtaggggaagtga	#34
<i>CDH1</i>	forward: gacacatttatggaacagaaaataaca reverse: agtggaatggcaccagtgt	#20
<i>KRT19</i>	forward: gccactactacagaccatcc reverse: caaacttggttcggaagtc	#71
<i>EPCAM</i>	forward: ctccacgtgctggtgtgt reverse: tgttttagtcaatgatgatccagta	#3
<i>SNAI1</i>	forward: gctgcaggactctaataccaga reverse: atctccggaggtgggatg	#62
<i>YARS (housekeeping)</i>	forward: ggattaacaggcagcaaaatg reverse: cctccgatcaaggagatca	#35
<i>RPL27 (housekeeping)</i>	forward: cgcaaagctgtcatcgtg reverse: gtcactttgcggggtag	#83