



Additional file 5

Effects of signaling pathway inhibitors on chemotactic responses of tumor cells to a combination of CXCL11 and CXCL12.

Cells were treated with PD98059 (20 μ M), LY294002 (20 μ M), or SB203580 (10 μ M) for 1 h, and subsequently tested for their migratory responses to a combination of CXCL12 (100 ng/ml) and CXCL11 (100 ng/ml) in a modified Boyden chamber. Data represent average migration index (\pm SD) as determined in 3-9 experiments. Note that signaling pathways mediating chemotactic responses are unaltered in cells exposed to a combination to CXCL11 and CXCL12 when compared to single chemokine (see Fig. 3). ^a $p < 0.05$, presence vs. absence of chemokines; ^b $p < 0.05$, presence vs. absence of inhibitors.