

Supplementary Figure Legends

Supplementary Figure S1. HER2 overexpression leads to increase of CCL2 transcript levels in Hs578T cells. Transcript levels of *HER2* and *CCL2*, in Vec and HER2-overexpressed Hs578T cells were analyzed by real-time PCR. Values were normalized to *ACTB*. *, $P < 0.05$

Supplementary Figure S2. Effect of conditioned culture media of HER2 overexpressing cells on the expression of CCL2, CCL5, and IL-6. (A, B, C) Transcript levels of *CCL2*, *CCL5*, and *IL-6* following treatment with conditioned culture media obtained from Vec and HER2-overexpressed MDA-MB231 cells were analyzed by real-time PCR. Values were normalized to *ACTB*. *ns*, non-significant.

Supplementary Figure S3. Effect of Trastuzumab on the expression of CCL2, CCL5, IL-6, and IL-8. (A, B, C, D) Transcript levels of *CCL2*, *CCL5*, *IL-6*, and *IL-8* in Vec and HER2-overexpressed MDA-MB231 cells treated with 50 μ M trastuzumab were analyzed by real-time PCR. Values were normalized to *ACTB*. *ns*, non-significant; *, $P < 0.05$; **, $P < 0.005$.

Supplementary Figure S4. Effect of neratinib on the expression of CCL5, IL-6, and IL-8. Transcript levels of *CCL5*, *IL-6*, and *IL-8* in Vec and HER2-overexpressed MDA-MB231 cells treated with 2 μ M neratinib were analyzed by real-time PCR. Values were normalized to *ACTB*. *, $P < 0.05$; ϕ , $p < 0.05$.