

Endothelial cell colony forming units derived from malignant breast diseases are resistant to tumor necrosis factor- α -induced apoptosis

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Supplementary data

Table S1. Clinicopathologic parameters of 50 women with breast diseases

Clinical parameter	No. (%)
Age	
≥ 50	17 (34)
< 50	23 (66)
Pathology Type	
Malignancy	30 (60)
Benign	20 (40)
TNM cancer stage (30 malignancy)	
0	8 (27)
I	8 (27)
II	14 (46)
Histology (30 malignancy)	
Invasive carcinoma	22 (73)
Non-invasive carcinoma	8 (27)

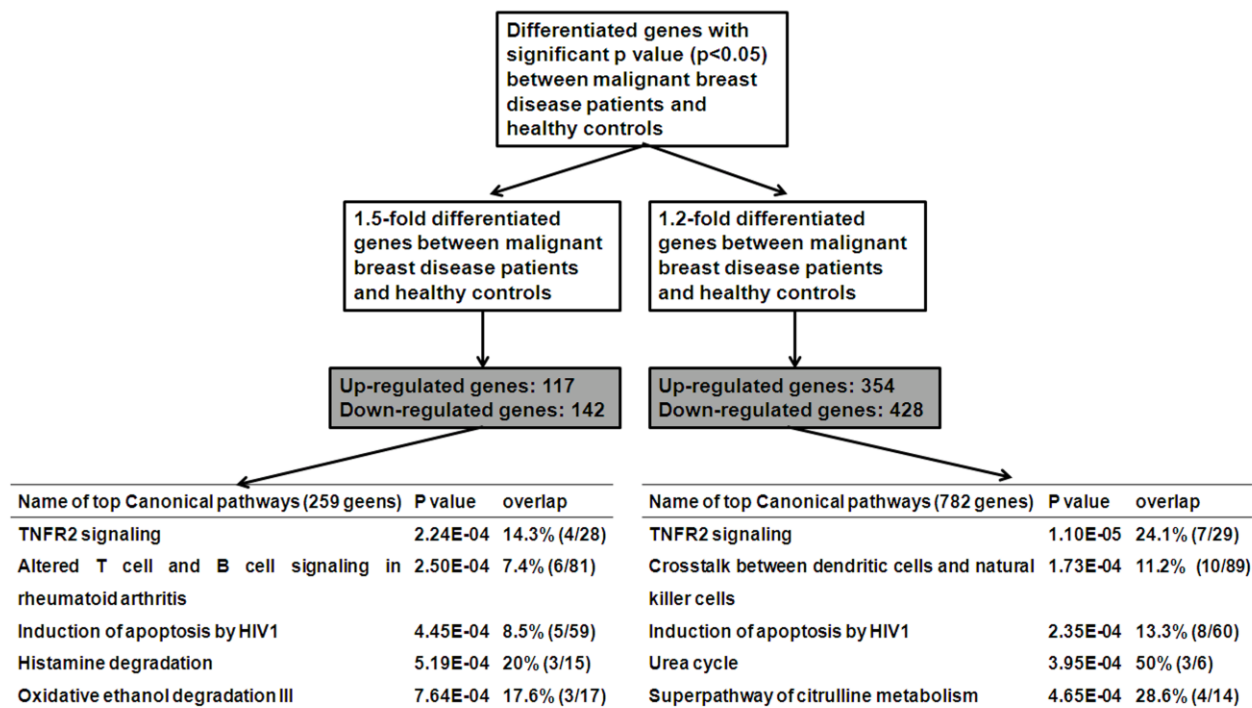


Figure S1. Ingenuity pathway analysis (IPA) of de-regulated genes with high and low fold change among endothelial cell colony-forming units (EC-CFUs) from healthy controls and malignant breast disease patients.

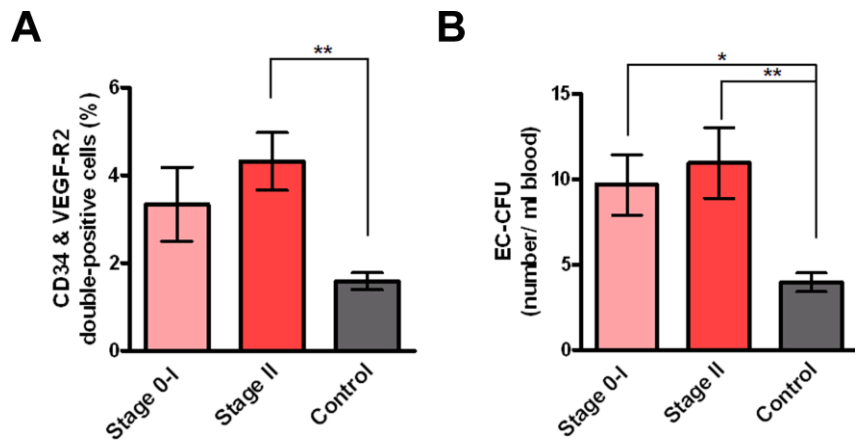


Figure S2. Comparison of levels of CD34⁺VEGFR2⁺ cells and endothelial cell colony-forming units in malignant breast disease patients with stage 0-I and II. (A) The incidence of CD34⁺VEGFR2⁺ cells in whole blood from patients with stage 0-I (n=14), stage II (n=13) malignant breast diseases, and healthy controls (n=10). (B) The number of EC-CFUs per ml of whole blood from patients with stage 0-I (n=16), stage II (n=14) malignant breast diseases, and healthy controls (n=11). Bars, SE; **p*<0.05; ***p*<0.01.