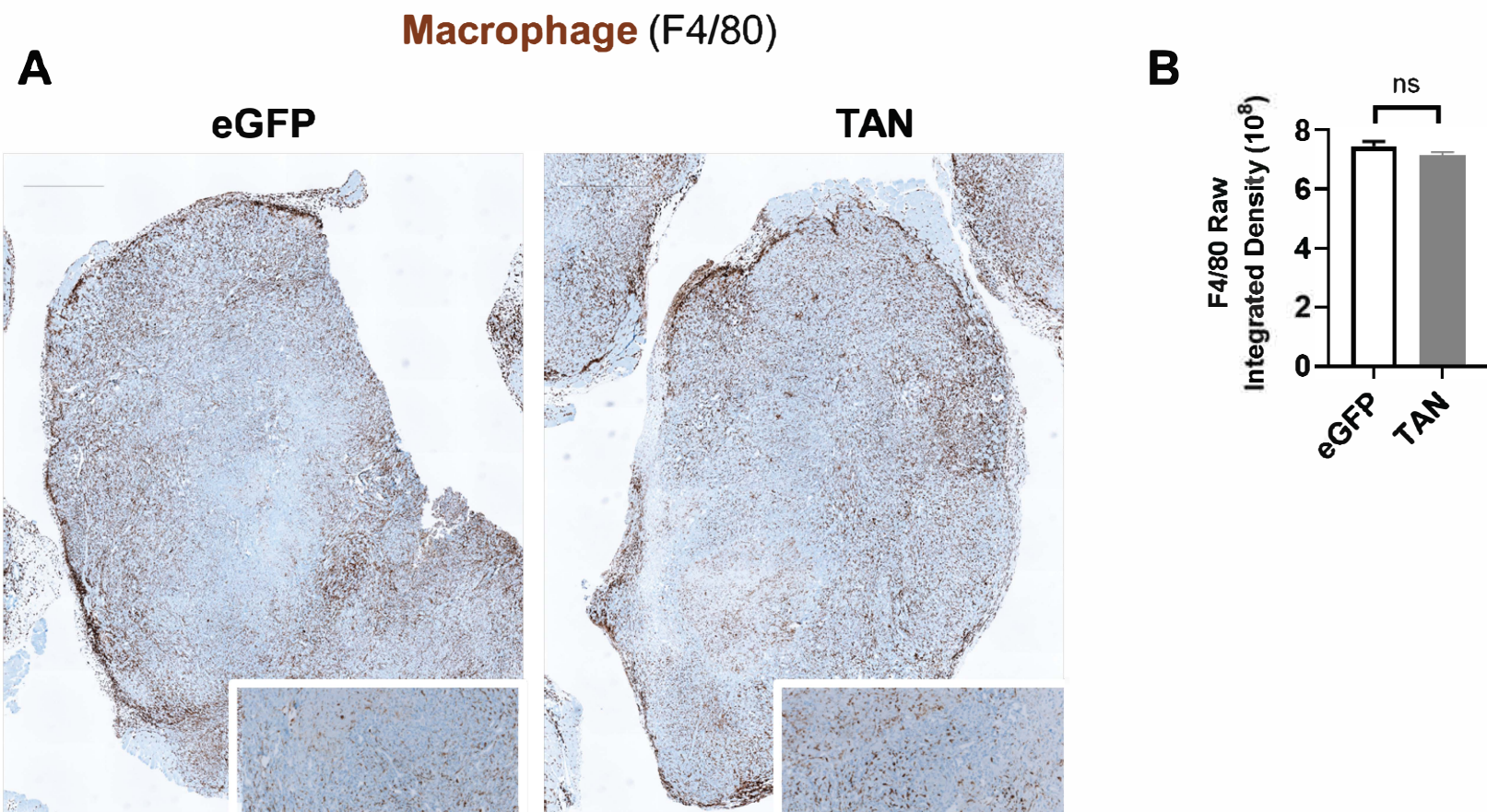


Supplemental Figure S1. Representative analysis showing deconvolution of trichrome staining for collagen density within tumor sections. Serial sections of KPC tumor treated overnight with BL21-TAN under uninduced or induced conditions at 37°C. Sections were then stained by trichrome and deconvolution of collagen (blue/white) was performed **(A)** and collagen density was measured **(B)** using ImageJ.



Supplemental Figure S2. In vivo macrophage infiltration in BxPC3 tumors following BL21-eGFP or BL21-TAN treatment. NSG mice with subcutaneous BxPC3 xenografts (6-8mm diameter) were injected with 5×10^7 colony-forming units (CFUs) of BL21-eGFP control or BL21-TAN for three consecutive days by intravenous route. Twenty-four hours following the final injection, mice given BL21-TAN were administered 40 mg L-arabinose intraperitoneally. Tumors ($n=8$) were collected 48h post-induction and serial sections were evaluated for macrophage infiltration by staining for F4/80 (**A**). Regions (box) from each image were magnified for greater resolution of collagen and HA (inset). Random fields ($n=15$, 10X objective) from each treatment group were used for deconvolution analysis to quantify macrophage infiltration in multiple tumors (**B**). Data are expressed as mean \pm error of mean. *ns* = no significance, *t*-test. Scale bars = 1 mm.