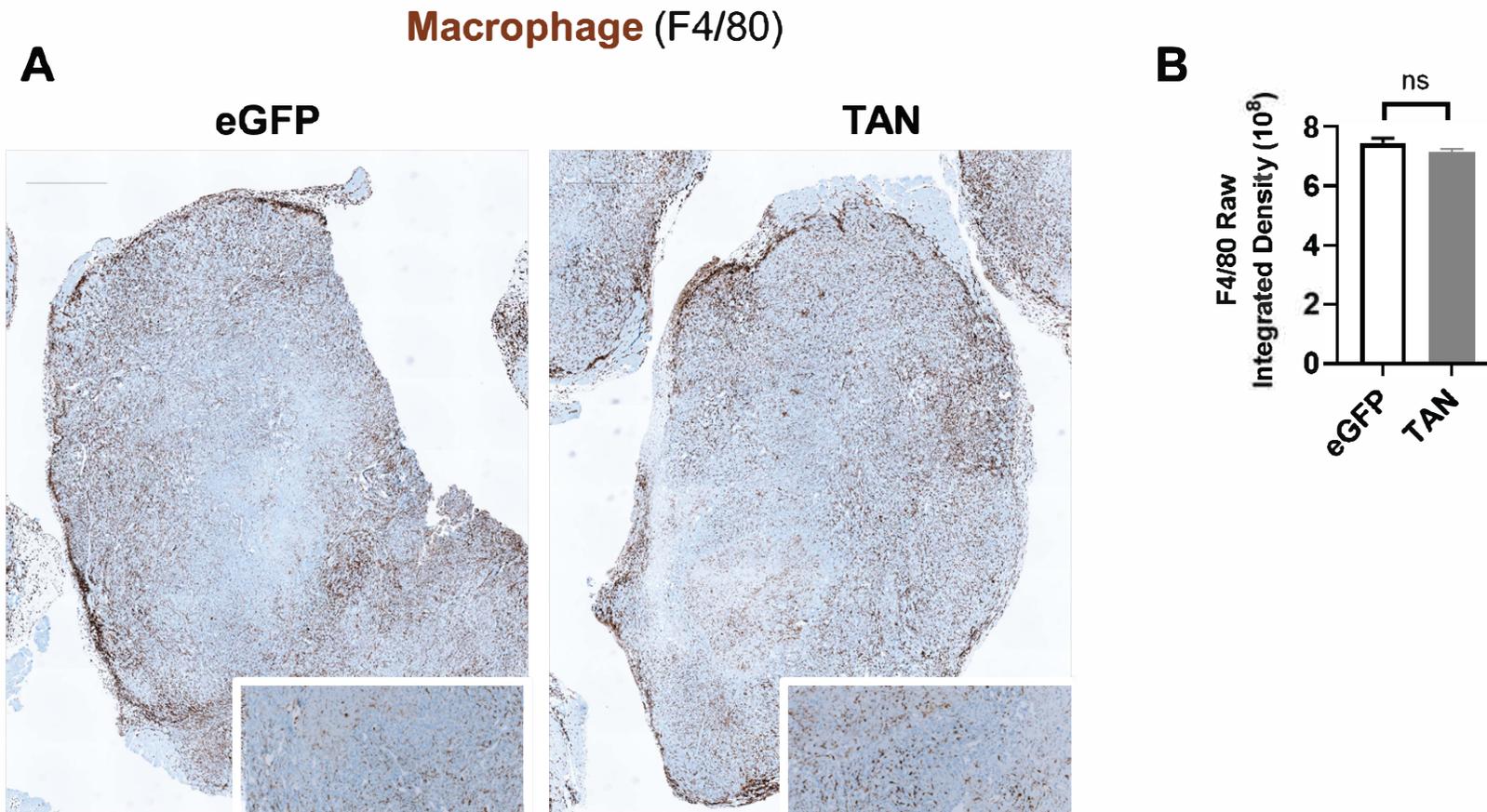


**B**

	Mean	IntDen	RawIntDen
U	93.771	1.10E+06	1.10E+06
I	89.932	3.81E+05	3.81E+05

**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  $5 \times 10^7$  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.