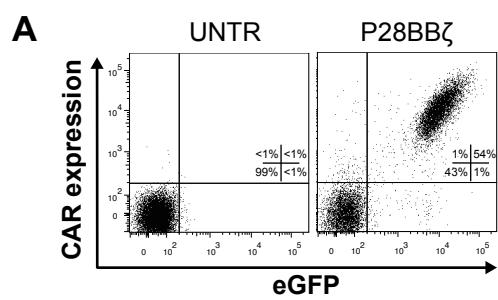
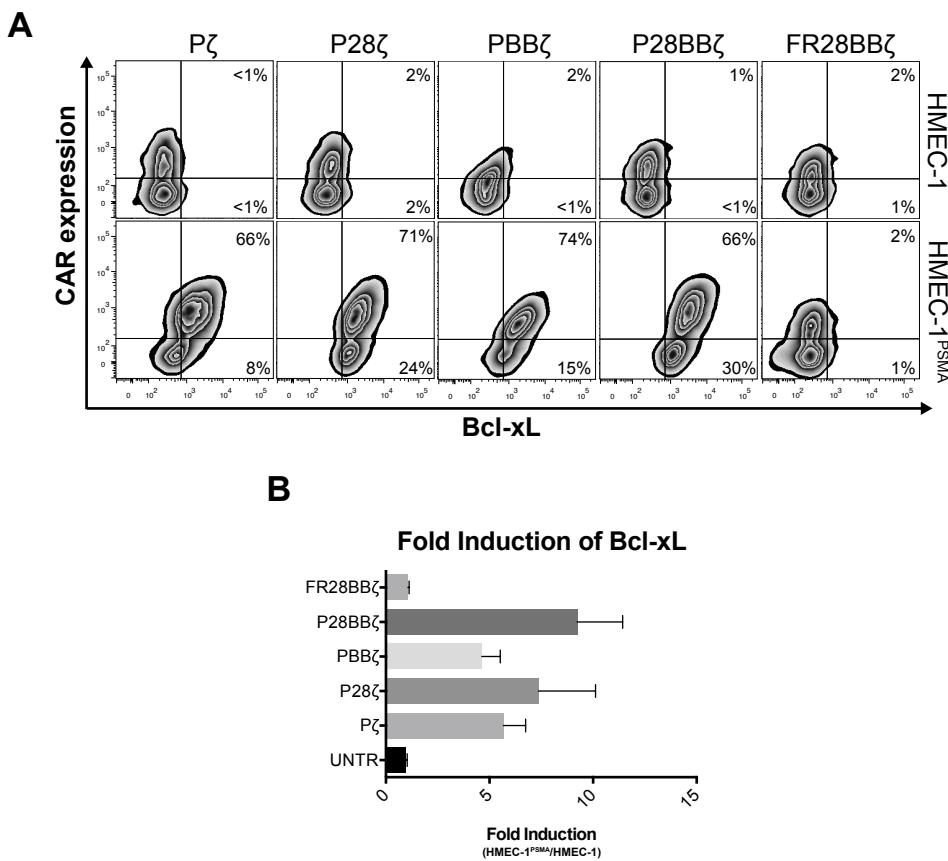


## Supplementary Figure S1



## Supplementary Figure S2



# Supplementary Figure S3

**A**

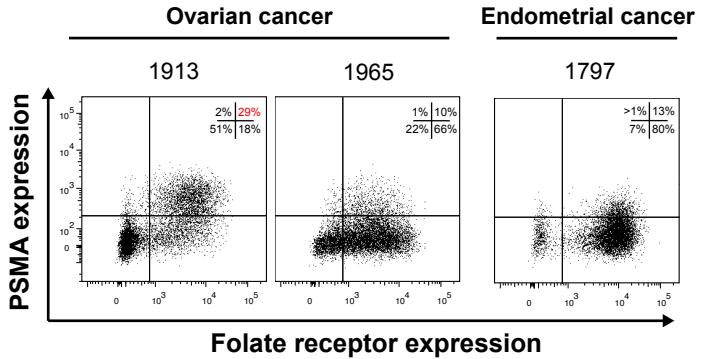
Tumor Type	Study							
	Wernicke et al <sup>1</sup>	Abdel-Hadi et al <sup>2</sup>	Sampasaki et al <sup>3</sup>	Haffner et al <sup>4</sup>	Haffner et al <sup>5</sup>	Dennemeade et al <sup>6</sup>	Silver et al <sup>7</sup>	Chang et al <sup>8</sup>
Bladder Cancer			8/167 (5%)			40/94 (43%)	68/92 (54%)	
Breast Cancer	68/92 (74%)					34/44 (75%)		5/6 (83%)
Colorectal Carcinoma		75/100 (75%)			110/130 (85%)		3/29 (16%)	5/5 (100%)
Gastric Cancer					79/119 (66%)			
Hepatocellular Cancer						39/41 (95%)		
Melanoma						25/44 (57%)		5/5 (100%)
Non-small cell lung carcinoma								5/5 (100%)
Oral Cancer				72/96 (75%)				
Ovarian Cancer						25/34 (75%)		
Pancreatic ductal carcinoma							4/4 (100%)	
Renal Cancer						44/46 (95%)	8/17 (47%)	11/11 (100%)

- 1 Wernicke, AG, Varma, S, Greenwood, EA, Christos, PJ, Chao, KS, Liu, H, et al. (2014). Prostate-specific membrane antigen expression in tumor-associated vasculature of breast cancers. *APMIS : acta pathologica, microbiologica, et immunologica Scandinavica* **122**: 482-489.
- 2 Abdel-Hadi, M, Ismail, Y, and Younis, L (2014). Prostate-specific membrane antigen (PSMA) immunoexpression in the neovasculature of colorectal carcinoma in Egyptian patients. *Pathology, research and practice*.
- 3 Sampasaki, MK, Heston, W, Elson, P, Magi-Galluzzi, C, and Hansel, DE (2011). Folate hydrolase (prostate-specific membrane [corrected] antigen) 1 expression in bladder cancer subtypes and associated tumor neovasculature. *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc* **24**: 1521-1529.
- 4 Haffner, MC, Kronberger, IE, Ross, JS, Sheehan, CE, Zitt, M, Muhlmann, G, et al. (2009). Prostate-specific membrane antigen expression in the neovasculature of gastric and colorectal cancers. *Human pathology* **40**: 1754-1761.
- 5 Haffner, MC, Laimer, J, Chaux, A, Schafer, G, Obst, P, Brunner, A, et al. (2012). High expression of prostate-specific membrane antigen in the tumor-associated neo-vasculature is associated with worse prognosis in squamous cell carcinoma of the oral cavity. *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc* **25**: 1079-1085.
- 6 Dennemeade, SR, Mhaka, AM, Rosen, DM, Brennen, WN, Dalrymple, S, Dach, I, et al. (2012). Engineering a prostate-specific membrane antigen-activated tumor endothelial cell prodrug for cancer therapy. *Science translational medicine* **4**: 140ra186.
- 7 Silver, DA, Pellicer, I, Fair, WR, Heston, WD, and Cordon-Cardo, C (1997). Prostate-specific membrane antigen expression in normal and malignant human tissues. *Clinical cancer research : an official journal of the American Association for Cancer Research* **3**: 81-85.
- 8 Chang, SS, Reuter, VE, Heston, WD, Bander, NH, Grauer, LS, and Gaudin, PB (1999). Five different anti-prostate-specific membrane antigen (PSMA) antibodies confirm PSMA expression in tumor-associated neovasculature. *Cancer research* **59**: 3192-3198.

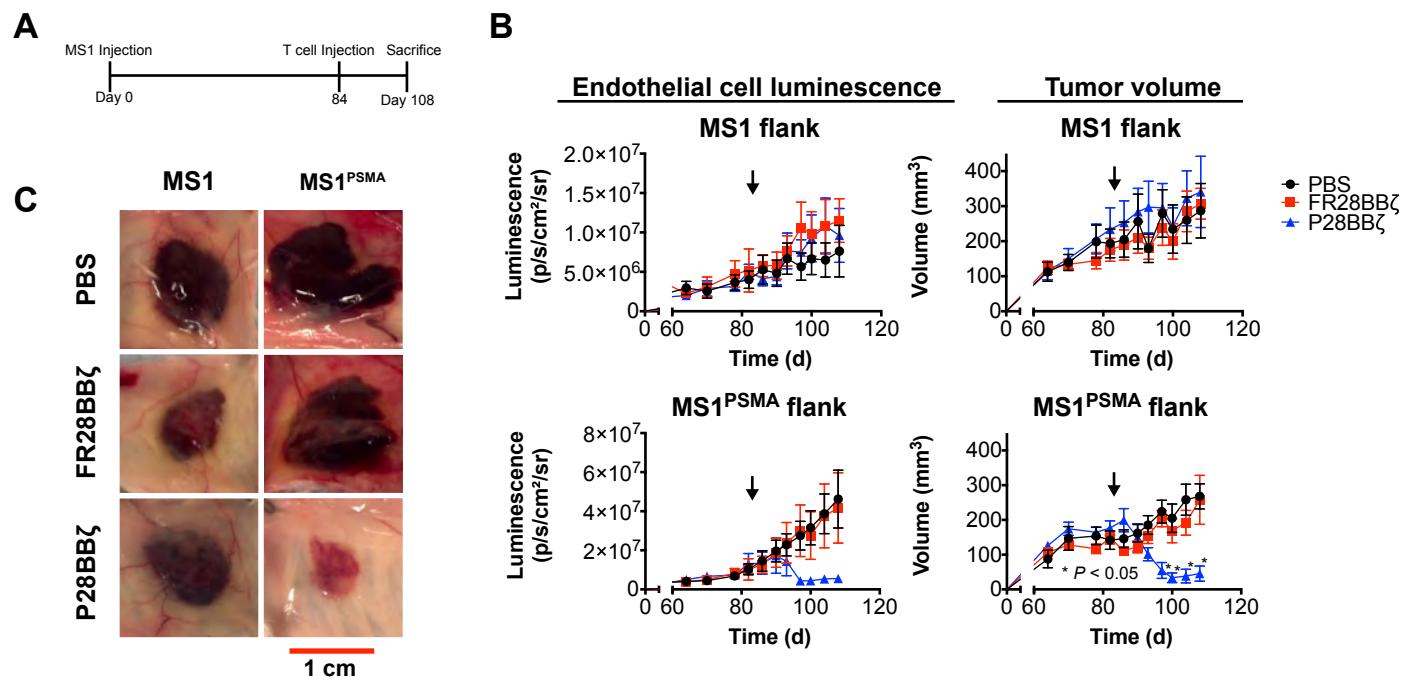
**B**

Less than 50% of tumor vessels are PSMA <sup>+</sup>	
Tumor Type	Number (%)
Bladder Cancer	NA (10-100%) <sup>3</sup>
Breast Cancer	26/48 (54%) <sup>1</sup>
Colorectal Carcinoma	52/75 (69%) <sup>2</sup> , 52/130 (40%) <sup>4</sup>
Gastric Cancer	56/79 (71%) <sup>4</sup>
Oral Cancer	48/72 (67%) <sup>5</sup>

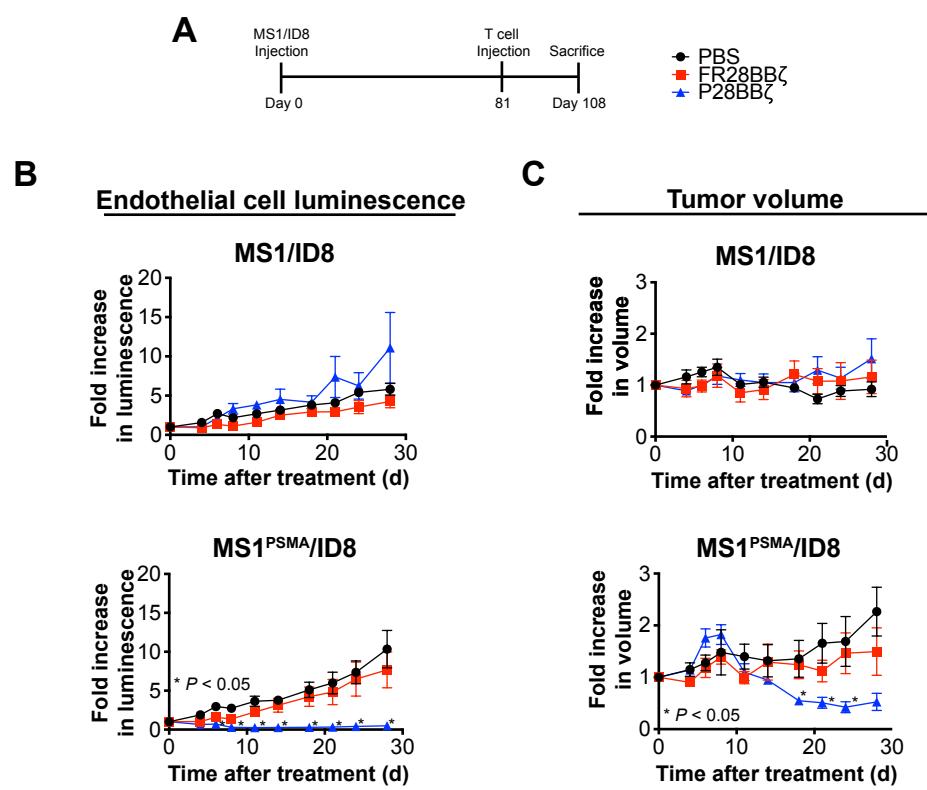
**C**



## Supplementary Figure S4



## Supplementary Figure S5



## Supplementary Figure S6

