Table S1: Analysis of tumor samples

	Sensitivity	Specificity
IGS and IGS+PDT tumors	100 % (68/68)	91.7% (22/24)
95% Confidence Interval	0.95-1.0	0.73-0.99

Table S1: Correlation of fluorescence with cancer in resected tumor tissues. A total of 104 samples from 11 mice that underwent IGS were submitted to the university core services for FFPE and H&E staining and then were subjected to a blinded assessment by a pathologist that specializes in prostate cancer (12 sections were deemed unreadable/uncertain and dropped from the study). Among the 92 samples, 22 didn't show any fluorescence and were pathologically negative for cancer (true negative); 68 showed fluorescence and were positive for cancer (true positive); 2 showed fluorescence, but were not cancer (false positive); there were no false negatives. Sensitivity is (true positives)/ (true positive + false negative); specificity is (true negatives)/ (true negative + false positive).