

Table S1: Descriptive statistics of uptake in surgical routes or post-surgical scarring.

	Parameter	Minimum	Median	Maximum	Mean¹	SD¹
Post-surgical uptake	SUV _{max}	5.19	9.92	16.0	9.80	3.29
	PS-FV	6.80	37.0	111	47.3	31.2
	PS-FFA	23.4	168	767		

¹ mean and standard deviation (SD) are only shown for normally distributed data. SUV_{max} = maximum standardized uptake value, PS-FV = post-surgical FAP uptake volume, PS-FFA = post-surgical fractional FAP activity, defined as mean standardized uptake value × PS-FV).

Table S2. Correlation (Spearman's Rho, ρ ; or Pearson's r) to determine associations between radiotracer uptake in normal organs and post-surgical scarring.

		Post-surgical scarring			
		SUV _{max}	PS-FV	PS-FFA	
Normal Organs	Heart	$\rho(r^*)$ P	0.49* 0.06	-0.30* 0.28	0.23 0.40
	Bone Marrow	$\rho(r^*)$ P	0.02* 0.94	0.35* 0.20	0.12 0.66
	Liver	ρ P	0.00 >0.99	0.06 0.84	0.03 0.92
	Spleen	ρ P	-0.46 0.10	-0.30 0.29	-0.48 0.09
	Pancreas	ρ P	-0.27 0.34	0.01 0.98	-0.24 0.40
	Right Kidney	ρ P	0.23 0.40	-0.18 0.53	-0.04 0.89
	Left Kidney	ρ P	0.29 0.29	0.03 0.91	0.24 0.40

* for normally distributed data, Pearson's r is shown. SUV_{max} = maximum standardized uptake value, PS-FV = post-surgical FAP uptake volume, PS-FFA = post-surgical fractional FAP activity, defined as mean standardized uptake value \times PS-FV).

Table S3 Descriptive statistics of uptake in normal organs and tumor lesions ('high-tumor burden' only, n = 25).

	Parameter	Minimum	Median	Maximum	Mean ¹	SD ¹
Normal Organs	Heart	SUV _{mean}	0.48	1.11	2.12	1.16
	BM	SUV _{mean}	0.35	0.54	0.94	0.58
	Liver	SUV _{mean}	0.31	0.70	1.40	0.75
	Spleen	SUV _{mean}	0.55	0.86	1.26	0.86
	Pancreas	SUV _{mean}	1.05	2.11	7.39	
	Kidney R	SUV _{mean}	0.86	1.37	2.47	1.50
Tumor Burden	Kidney L	SUV _{mean}	0.86	1.48	2.60	1.57
		SUV _{max}	6.77	10.7	34.4	
		TV	17.4	129.3	838	
		FTA	84.3	603.9	7155	

¹ mean and standard deviation (SD) are only shown for normally distributed data. BM = bone marrow, R = right, L = left, SUV_{mean} = mean standardized uptake value, SUV_{max} = maximum standardized uptake value, TV = tumor volume, FTA = fractional tumor activity, defined as mean standardized uptake value × TV).

Table S4 Correlation (Spearman's Rho, ρ) to determine associations between radiotracer uptake in normal organs and tumor lesions ('high tumor burden' only, $n = 25$).

		'High' Tumor Burden			
		SUV _{max}	TV	FTA	
Normal Organs	Heart	ρ P	0.44 0.03	-0.34 0.09	-0.11 0.60
	Bone Marrow	ρ P	0.27 0.21	0.16 0.48	0.22 0.32
	Liver	ρ P	0.31 0.13	0.31 0.13	0.47 0.02
	Spleen	ρ P	-0.03 0.87	0.19 0.35	0.10 0.64
	Pancreas	ρ P	0.23 0.30	0.16 0.47	0.27 0.23
	Right Kidney	ρ P	0.09 0.67	0.13 0.53	0.23 0.22
	Left Kidney	ρ P	-0.06 0.78	0.11 0.60	0.12 0.57

SUV_{max} = maximum standardized uptake value, TV = tumor volume. FTA = fractional tumor activity.

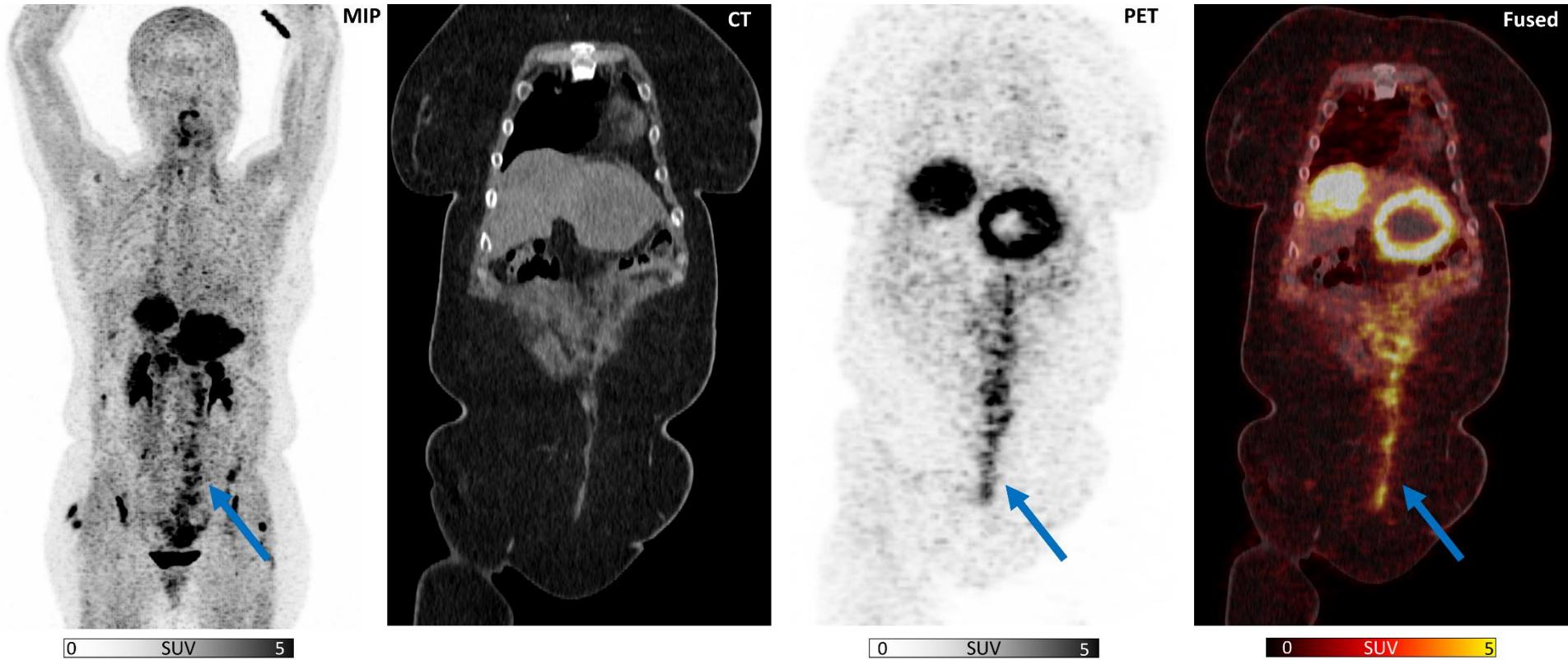


Figure S1. $[^{68}\text{Ga}]$ Ga-FAPI-PET in a patient with post-surgical scarring after median laparotomy. Blue arrows indicate increased tracer uptake in the surgical route.