

## Quantitative <sup>11</sup>C-erlotinib PET

**Table S1.** Endpoints calculated from non-linear fitting of TACs to the 1T-3k, 2T-5k, and SRTM models. Parameters estimated with a standard error greater than 10 were highlighted in yellow (these endpoints were excluded from review in the paper due to the poor fit to the model)

Subject	Cluster	1T-3k		2T-5k		SRTM	
		VT	SE (V <sub>T</sub> )	VT	SE (V <sub>T</sub> )	BP	SE (BP)
1	1	0.75	0.02	1.00E+03	3.62E+06	1.39	0.09
2	1	2.39	0.77	1.43E+05	8.55E+08	3.50	0.39
	2	3.08	1.52	1.56E+04	1.62E+09	4.31	0.25
	3	2.74	0.97	1.49E+05	9.15E+08	3.45	0.35
	4	3.78E+02	5.30E+04	1.54E+05	2.89E+09	2.93	0.27
	5	3.15	1.30	20.14	1.16E+02	3.93	0.20
3	1	0.96	1.71	0.97	7.73E+08	0.76	0.29
4	1	7.26	41.87	6.64	1.05E+02	1.55E+04	1.54E+09
	2	1.12	0.13	1.50	10.69	1.03	0.37
5	1	0.66	0.03	7.49E+03	1.49E+09	0.46	0.02
	2	0.54	0.07	0.95	0.37	0.35	0.06
6	1	0.38	0.33	1.23	9.29	0.68	0.09
	2	0.52	0.08	1.02	0.96	0.85	0.09
	3	0.58	0.18	1.33	0.47	0.66	0.07
	4	0.97	0.14	1.55	1.07	1.01	0.09
	5	0.64	0.08	1.04	0.10	0.99	0.06
	6	0.47	0.12	1.15	0.42	0.83	0.11
	7	0.80	0.10	1.32	0.13	1.02	0.04
7	1	0.80	28.64	3.02	8.59E+13	non-convergent	
8	1	0.75	0.06	1.67E+04	1.79E+08	2.89E+04	9.23E+08
9	1	0.89	0.10	1.83	0.58	2.15	0.14
10	1	1.24	0.40	1.24	1.00E+09	2.41	0.47
	2	1.13	0.11	2.12E+03	3.77E+08	2.49	0.08
	3	2.58E+05	2.27E+09	1.61E+05	4.99E+08	10.36	8.27E+10
	4	1.60	1.03	17.57	7.51E+02	1.96	0.38
	5	1.31E+05	9.95E+08	1.82E+05	2.30E+09	1.62	0.14
	6	2.83E+04	1.04E+09	1.76E+06	1.23E+11	33.35	1.20E+08
SE Cutoff: 10							
ROIs Under Cutoff:		21		9		22	