

**Supplementary Table 1.** Simplified measure of FLT uptake (standardized uptake values, SUV) in breast tumours before and two weeks after 1- 2 cycles of docetaxel.

Pt	SUV <sub>60,av</sub> x 10 <sup>-5</sup>			SUV <sub>60,max</sub> x 10 <sup>-5</sup>		
	Pre	Post	%Change	Pre	Post	%Change
1	9	7	-20	14	12	-11
2	6	6	-5	12	10	-18
3	5	3	-46	11	9	-18
4	3	3	-12	7	7	3
5	13	4	-72	21	7	-67
6	9	5	-52	18	11	-40
7	17	15	-10	25	22	-15
8	2	2	2	6	7	13
9	3	2	-31	6	5	-14
10	7	5	-34	13	8	-36
11	5	4	-16	9	8	-14
12	8	4	-41	16	11	-33
13	15	8	-49	27	22	-17
14	6	7	18	12	12	-4
15	3	2	-30	7	7	-2
16	5	3	-45	11	7	-38
17	11	6	-40	20	13	-34
18	4	2	-44	9	6	-38
19	9	8	-12	17	12	-30
20	7	5	-23	15	14	-7

Negative value signifies decrease in parameter.