

S4 File.  $^{18}\text{F}$ -FMISO MicroPET/CT imaging and quantitative value ( $\%ID/g_{\text{max}}$ , T/M).

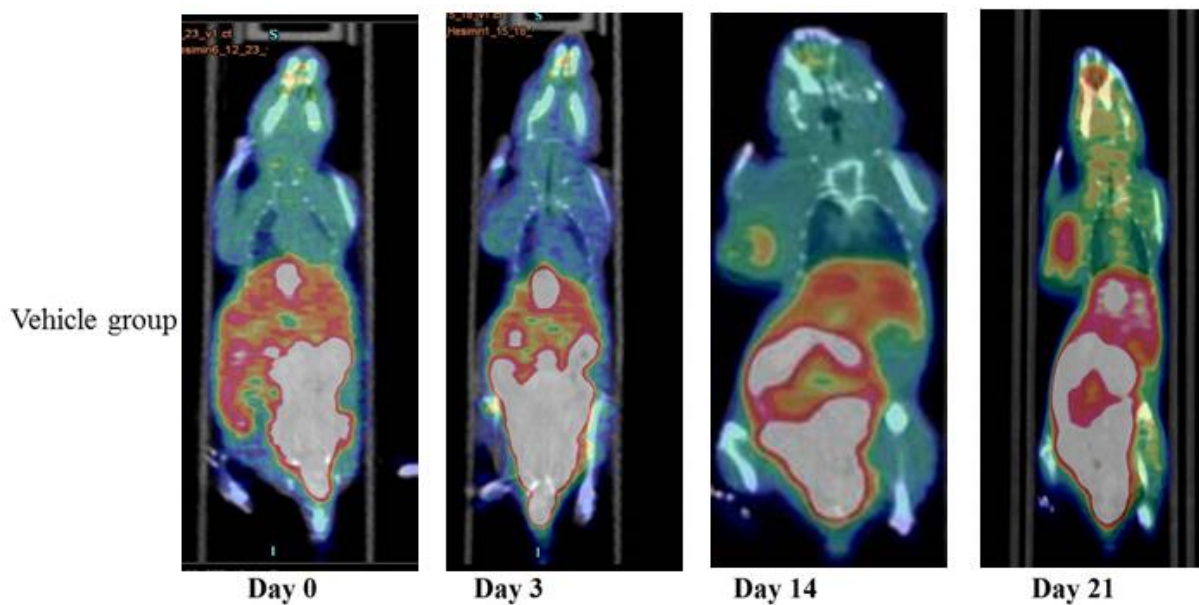


Figure A.  $^{18}\text{F}$ -FMISO MicroPET/CT imaging in vehicle group

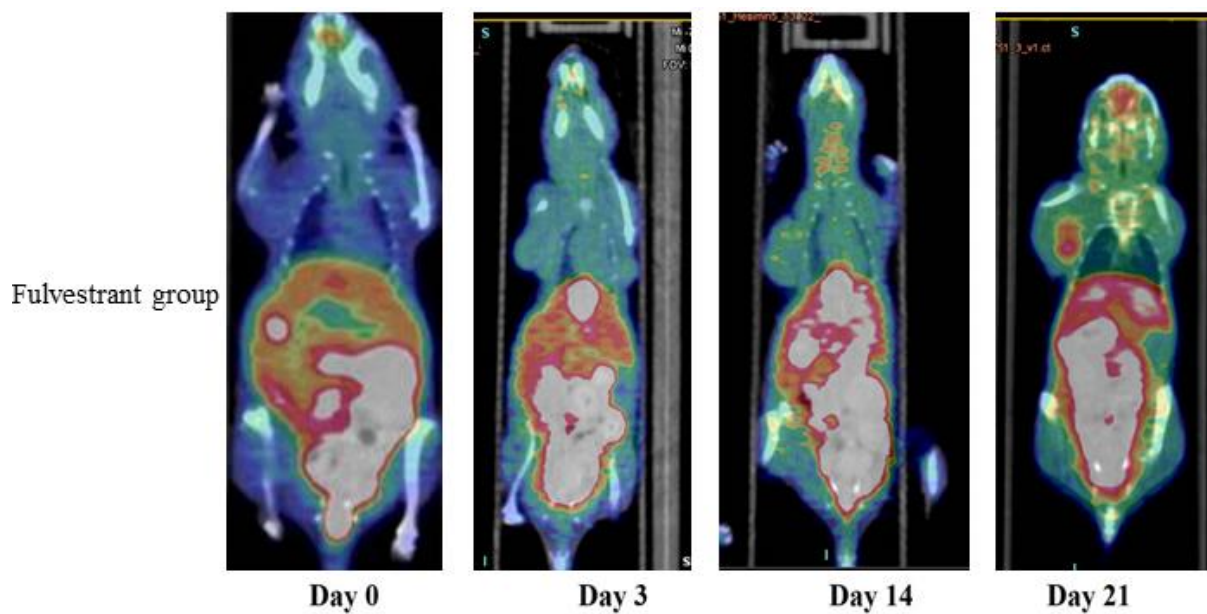


Figure B.  $^{18}\text{F}$ -FMISO MicroPET/CT imaging in fulvestrant group

**Table A. Quantitative value of  $^{18}\text{F}$ -FMISO %ID/g<sub>max</sub> in vehicle group**

<b>Vehicle Group</b>	<b>%ID/g<sub>max</sub> of <math>^{18}\text{F}</math>-FMISO</b>			
	Day 0	Day 3	Day 14	Day 21
Mice 1	1.4	2.2	2.3	3.5
Mice 2	1.5	2.1	2.3	6.3
Mice 3	1.5	2.6	3.7	5.6
Mice 4	1.6	2	2.3	6.3
Mice 5	2.6	4.3	2.4	3.6

**Table B. Quantitative value of  $^{18}\text{F}$ -FMISO %ID/g<sub>max</sub> in fulvestrant group**

<b>Fulvestran Group</b>	<b>%ID/g<sub>max</sub> of <math>^{18}\text{F}</math>-FMISO</b>			
	Day 0	Day 3	Day 14	Day 21
Mice 1	1.5	1.3	3.3	6.2
Mice 2	1.6	0.9	1.3	1.7
Mice 3	1.7	1.3	1.5	5.2
Mice 4	1.8	0.8	2.3	2.3
Mice 5	1.2	1.8	3.5	3.8

**Table C. Quantitative value of  $^{18}\text{F}$ -FMISO T/M in vehicle group**

<b>Vehicle Group</b>	<b>T/M of <math>^{18}\text{F}</math>-FMISO</b>			
	Day 0	Day 3	Day 14	Day 21
Mice 1	1.4	1.4	1.2	1.9
Mice 2	1.4	1.6	1.8	3.7
Mice 3	1.3	1.6	1.7	3.2
Mice 4	1.5	1.1	1.1	5.2
Mice 5	1.4	1.5	2.1	1.9

**Table D. Quantitative value of  $^{18}\text{F}$ -FMISO T/M in fulvestrant group**

<b>Fulvestran Group</b>	<b>T/M of <math>^{18}\text{F}</math>-FMISO</b>			
	Day 0	Day 3	Day 14	Day 21
Mice 1	1	1	3	3.8
Mice 2	1.2	1	1	1
Mice 3	1	1	1.1	2.7
Mice 4	1.8	1.6	1.9	1.2
Mice 5	2	1.2	1.7	2.1