

Table S1. T_2^* values correlated with FtH expression used in this study.

	T_2^* (ms)	SD	$^aR^2$	Doxycycline
H1299T				
1	20.3	26.8	0.87	-
2	26.9	15.8	0.95	-
3	35.2	45.9	0.96	+
4	37.2	42.1	0.92	+
5	15.8	6.1	0.97	+
6	34.4	39.9	0.91	+
Mean	28.3	29.4	0.93	
Lewis Lung Carcinoma				
1	19.6	17.8	0.92	-
2	21.5	26.2	0.9	-
3	22.9	28.6	0.87	+
4	17.9	12.7	0.96	+
5	16.6	25.7	0.9	+
6	19.7	28.5	0.9	+
7	24.7	32.9	0.88	+
8	25.8	29.1	0.93	+
9	21.5	26.2	0.9	+
10	16.7	15.9	0.92	+
11	19.5	17.2	0.92	+
Mean	20.5	23.46	0.91	
$^aR^2$ values were generated for each voxel to evaluate the quality of the T_2^* fitting.				