Supplementary Materials: Upconversion Nanoparticle-Based Förster Resonance Energy Transfer for Detecting DNA Methylation

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Table S1. Detection of methylation in lung cancer tissue samples (n = 49).

Sample No.	MSP	MS-UC-FRET Ratio	RQ-PCR (C_T)	Pyrosequencing (%)
1	negative	0.97	undected	4.1
2	positive	1.24	undected	5.1
3	positive	1.49	31.8	6.5
4	positive	1.21	32.4	5.5
5	negative	0.92	undected	3.0
6	positive	1.31	34.9	5.6
7	positive	1.54	38.1	4.5
8	positive	1.10	undected	3.9
9	negative	0.88	undected	3.7
10	positive	1.43	29.9	9.1
11	positive	1.64	26.9	39.0
12	negative	0.92	undected	2.8
13	positive	1.15	undected	3.0
14	positive	1.47	undected	3.7
15	negative	1.00	undected	2.6
16	positive	1.16	undected	2.6
17	positive	1.41	undected	3.4
18	positive	1.52	27.5	60.5
19	negative	1.06	undected	2.1
20	negative	1.06	undected	3.9
21	positive	1.54	28.0	36.1
22	positive	1.43	undected	4.3
23	positive	1.46	undected	3.1
24	positive	1.61	28.0	47.6
25	positive	1.28	undected	4.1
26	positive	1.50	undected	5.0
27	positive	1.36	undected	4.0
28	positive	1.47	undected	5.1
29	positive	1.46	27.0	77.8
30	positive	1.34	undected	3.9
31	positive	1.76	28.1	33.8
32	positive	1.40	undected	7.9
33	positive	1.79	29.0	36.0
34	positive	1.49	39.6	5.0
35	positive	1.65	undected	3.9
36	positive	1.62	undected	3.9
37	positive	2.18	28.0	47.74

Table S1. *Cont*.

Sample No.	MSP	MS-UC-FRET Ratio	RQ-PCR (C_T)	Pyrosequencing (%)
38	positive	1.33	undected	3.22
39	positive	1.29	undected	2.96
40	positive	1.43	undected	5.21
41	positive	1.23	undected	4.13
42	positive	1.38	undected	5.56
43	positive	1.45	undected	5.26
44	negative	1.11	undected	5.42
45	positive	2.09	27.8	55.79
46	positive	1.02	undected	5.71
47	positive	1.26	undected	5.15
48	positive	1.34	undected	6.29
49	positive	1.16	undected	6.63