

**S6 Table.** Comparison of overmethylation frequencies of 16 transitional-CpG sites between the gastric antrum and body in control subjects

	<i>Helicobacter pylori</i> -negative controls (n=95)			<i>H. pylori</i> -positive controls (n=110)		
	Antrum	Body	p-value <sup>a)</sup>	Antrum	Body	p-value <sup>a)</sup>
<i>CDH1</i>	29 (31)	22 (23)	0.210	93 (85)	68 (62)	< 0.001
<i>ARRDC4</i>	18 (19)	17 (18)	0.999	60 (55)	54 (49)	0.429
<i>PPARG</i>	49 (52)	30 (32)	0.001	57 (52)	34 (31)	< 0.001
<i>TRAPPC2L</i>	10 (11)	3 (3)	0.065	16 (15)	16 (15)	0.999
<i>MMP2</i>	41 (43)	16 (17)	< 0.001	63 (57)	33 (30)	< 0.001
<i>CDKN2A</i>	46 (48)	41 (43)	0.424	79 (72)	54 (49)	< 0.001
<i>RUNX2</i>	28 (29)	20 (21)	0.170	41 (37)	26 (24)	0.004
<i>RUNX3</i>	13 (14)	13 (14)	0.999	33 (30)	21 (19)	0.067
<i>TFF3</i>	29 (31)	57 (60)	< 0.001	61 (55)	75 (68)	< 0.001
<i>TFF2</i>	49 (52)	38 (40)	0.153	67 (61)	50 (45)	0.215
<i>TFF1</i>	22 (23)	20 (21)	0.855	44 (40)	25 (23)	< 0.001
<i>PGC</i>	29 (31)	30 (32)	0.999	57 (52)	41 (37)	0.787
<i>ATP4B</i>	18 (19)	25 (26)	0.096	47 (43)	35 (32)	0.005
<i>GHRL</i>	35 (37)	16 (17)	0.002	37 (34)	20 (18)	0.001
<i>PGA</i>	17 (18)	17 (18)	0.999	21 (19)	28 (25)	0.222
<i>APC</i>	52 (55)	43 (45)	0.176	38 (35)	34 (31)	0.067

Values are presented as number (%). <sup>a)</sup>Analyzed using McNemar's test.