

S9 Table. CpG-island genes frequently methylated in the non-cancerous gastric mucosa of gastric cancer patients compared to that of non-cancer subjects

Gene	Nearest retroelements in the 10-kb of 5' flanking region			Gastric cancer patients		Non-cancer controls	
	Type	Distance (kb)	Pubmed ID	No.	Methylation (%)	No.	Methylation (%)
<i>CDH1</i>	<i>Alu</i>	0.3	16475210	25	16	10	0
			18205664	34	88	68	53
			20150736	125	84	180	36
			23280118	115	83	412	36
<i>SFRP1</i>	<i>Alu</i>	0.3	17848950	30	83	10	0
<i>DAPK</i>	<i>Alu</i>	0.8	18205664	34	91	68	71
			20150736	125	83	180	42
			21302620	70	14	30	0
			23280118	115	83	412	49
<i>CHFR</i>	<i>Alu</i>	0.7	15138487	71	6	91	1
			21302620	70	23	30	0
<i>SFRP5</i>	<i>Alu</i>	2.1	17848950	30	50	10	0
<i>GRIN2B</i>	<i>Alu</i>	4.4	17620329	28	39	20	5
<i>RELN</i>	<i>Alu</i>	5.0	19956836	15	80	3	0
<i>TMEFF2</i>	<i>Alu</i>	7.1	18799374	48	56	11	9
<i>WT1</i>	<i>Alu</i>	9.2	21945024	32	78	21	24
<i>CYP26B1</i>	<i>Alu</i>	9.6	21945024	32	97	21	29
<i>CDKN2A</i>	<i>LTR</i>	2.4	16467114	43	1	98	1
			16475210	25	12	10	0
			18097597	39	28	46	4
			18205664	34	68	68	25
			20150736	125	44	180	35
			21302620	70	13	30	0
<i>KCNA4</i>	<i>LTR</i>	0.9	21945024	32	91	21	19
<i>RUNX3</i>	<i>LTR</i>	8.3	21302620	70	27	30	0
<i>CDH4</i>	<i>LI</i>	8.3	15548679	21	81	10	0
<i>BXI161496</i>	Absence		21945024	32	69	21	19
<i>HAND1</i>	Absence		16475210	43	11	98	8