

Supplementary Material

Table 1: Hypo-methylated genes and their associated diseases

<u>Gene</u>	<u>Disease</u>	<u>References (see supplementary material)</u>
Cytochrome P450 1B1	Prostate cancer	Tokizane et al, 2005
Synuclein γ (SNCG)	Breast cancer	Liu et al 2005; Gupte et al, 2003
	Colon cancer	Liu et al 2005; Gupte et al, 2003
	Ovarian cancer	Liu et al 2005; Gupte et al, 2003
	Prostate cancer	Liu et al 2005; Gupte et al, 2003
	XIST	Prostate cancer
EPO	Testicular cancer	Kawakami et al, 2004
	Breast cancer	Acs et al, 2001
MTA1	Prostate cancer	Arcasoy et al, 2005
	Breast cancer	Kumar et al, 2003
HMG-I(Y)	Colon cancer	Toh et al, 2004
	Pancreatic cancer	Moon et al, 2004
	Prostate cancer	Hofer et al, 2004
	Lung cancer	Sasaky et al, 2002
	Colon cancer	abe et al, 1999
Maspin	Prostate cancer	Takaha et al, 2002, 2004
	Colon cancer	Bettstetter et al, 2005
TRAG-3	Lung cancer	Yatabe et al, 2004
	Ovarian cancer	Sood et al, 2002
	Pancreatic cancer	Sato et al, 2003, 2004
	Colon cancer	Yao et al, 2004
IGF2/H19	Lung cancer	Yao et al, 2004
	Ovarian cancer	Yao et al, 2004
	Pancreatic cancer	Yao et al, 2004
	Colon cancer	Cui et al, 2002
	Lung cancer	Kondo et al, 1995
S100P Claudin-4	Pancreatic cancer	Sato et al, 2003, 2004
S100A4	Pancreatic cancer	Sato et al, 2003, 2004
14-3-3sigma	Pancreatic cancer	Sato et al, 2003, 2004
trefoil factor 2	Pancreatic cancer	Sato et al, 2003, 2004
mesothelin	Pancreatic cancer	Sato et al, 2003, 2004
CDKN1C	Pancreatic cancer	Scelfo et al, 2002
Protease uPA	Breast cancer	Guo et al, 2002
P-Cadherin	Breast cancer	Paredes et al, 2005
BAGE	Breast cancer	Grunau et al, 2005
	Ovarian cancer	Grunau et al, 2005
	Testicular cancer	Grunau et al, 2005
pS2	Breast cancer	Martin et al, 1997
CAGE	Breast cancer	Cho et al 2003
	Lung cancer	Cho et al 2003
PEG1/MEST	Lung cancer	Nakanishi et al, 2004
DIRAS3	Breast cancer	Yu et al, 1999
RB1	Breast cancer	Zheng and Lee, 2002
	Lung cancer	Zheng and Lee, 2002
BRCA1	Ovarian cancer	Chan et al, 2002
BRCA2	Ovarian cancer	Chan et al, 2002
p53	Lung cancer	Woodson et al, 2001
MAGEA1	Testicular cancer	DeSmet et al, 2004
MAGEA3	Testicular cancer	DeSmet et al, 2004
CTCF	Testicular cancer	Klenova et al, 2002