

Supplemental Table S1. Methylation values of known oncogenes in the WTC-exposed (WTC EHC) cancer-free subjects compared to the unexposed cancer-free subjects (NYUWHS)

Oncogenes					
Gene	Probe ID	WTC EHC methylation value, mean	NYUWHS methylation value, mean	Methylation Status*	Regulatory Feature
BCL3	cg16632661	0.101	0.068	Higher	NA
BCL6	cg12110155	0.844	0.801	Higher	Promoter
	cg24771349	0.047	0.036	Higher	NA
BRAF	cg14094063	0.111	0.073	Higher	Promoter
	cg23066879	0.038	0.032	Higher	Promoter
CARD11	cg26937500	0.126	0.089	Higher	Promoter
CBLB	cg00522034	0.055	0.038	Higher	Promoter
	cg05404618	0.050	0.035	Higher	Promoter
CCND2	cg24626079	0.052	0.039	Higher	NA
CCND3	cg10142984	0.094	0.061	Higher	Promoter
CTNNB1	cg00052422	0.052	0.040	Higher	NA
	cg19155557	0.284	0.208	Higher	Promoter
DDIT3	cg17660561	0.053	0.039	Higher	Promoter
DEX	cg21091119	0.068	0.048	Higher	Promoter
	cg07636757	0.064	0.046	Higher	NA
ELK4	cg03126043	0.057	0.043	Higher	Promoter
ERBB2	cg12648523	0.860	0.805	Higher	NA
	cg27300230	0.057	0.044	Higher	Promoter
ETV4	cg13357178	0.072	0.055	Higher	NA
ESWR1	cg23827657	0.140	0.100	Higher	NA
	cg20611294	0.063	0.045	Higher	Promoter
	cg20359783	0.059	0.043	Higher	Promoter
	cg02226779	0.057	0.042	Higher	Promoter
FGFR1OP	cg13528713	0.062	0.044	Higher	Promoter
GOPC	cg06104144	0.048	0.034	Higher	Promoter
HMGA1	cg22481253	0.156	0.107	Higher	Promoter
IRF2	cg09764206	0.046	0.033	Higher	Promoter
JUN	cg20787340	0.065	0.047	Higher	Promoter
KRAS	cg08578305	0.074	0.047	Higher	Promoter
	cg13085893	0.077	0.052	Higher	Promoter
	cg13532571	0.084	0.057	Higher	Promoter
MDM2	cg05953180	0.072	0.054	Higher	Promoter
MYCN	cg17519750	0.094	0.070	Higher	NA
NFKB2	cg01013447	0.167	0.130	Higher	NA
NTRK1	cg09188405	0.821	0.771	Higher	NA
NUP214	cg25179280	0.052	0.039	Higher	Promoter
PLAG1	cg17286208	0.077	0.053	Higher	Promoter
REL	cg01438892	0.155	0.113	Higher	Promoter
SS18	cg12456090	0.069	0.048	Higher	Promoter
TFG	cg16052390	0.075	0.055	Higher	Unclassified
	cg11094012	0.153	0.116	Higher	Unclassified

*Methylation status refers to mean methylation value of the WTC exposed subjects (WTC EHC) relative to mean methylation value of unexposed subjects (NYUWHS).