Supplemental Table 1. *TP53* Polymorphisms Genotyped

SNP	RS number	Position	Amino Acid Change
TP53-09	rs8079544	IVS1-112G>A	
TP53-34	rs1642785	IVS2+38C>G	
TP53-01	rs1042522	Ex4+119C>G	P72R
TP53-65	rs9895829	IVS4-125T>C	
TP53-66	rs2909430	IVS4-91A>G	
TP53-18	rs1800372	Ex6-34A>G	R213R
TP53-64		Ex6-24G>A	V217M
TP53-16	rs1625895	IVS6+62A>G	
TP53-11	rs12951053	IVS7+92T>G	
TP53-25	rs4968187	Ex11+567G>A	
TP53-12	rs17884306	Ex11-363G>A	
TP53-14	rs1614984	21226bp 3' of S...	
TP53-15	rs9894946	22342bp 3' of S...	
TP53-71	rs17887200	22369bp 3' of S...	

Supplemental Table 2. Association of *TP53* Polymorphisms with Somatic *TP53* mutations

Genotype	+ *TP53* Mutation N (%)	- *TP53* Mutation N (%)	OR (95% CI)[a]
TP53_09 IVS1 -112			
G/G	36 (84)	133 (92)	1
G/A	6 (14)	11 (8)	1.96 (0.67-5.72)
A/A	1 (2)	0 (0)	*nd*
			p trend = 0.051
G/A + A/A	7 (16)	11 (8)	2.47 (0.88-6.90)
TP53_34 IVS2 +38			
G/G	13 (32)	81 (56)	1
G/C	22 (54)	53 (37)	**2.53 (1.19-5.39)**
C/C	6 (15)	10 (7)	**3.36 (1.04-10.9)**
			p trend=0.007
G/C + C/C	28 (69)	63 (44)	**2.77 (1.32-5.81)**
TP53_01 Arg72Pro			
Arg/Arg	13 (33)	81 (58)	1
Arg/Pro	21 (53)	48 (34)	**2.48 (1.15-5.36)**
Pro/Pro	6 (15)	11 (8)	2.99 (0.95-9.48)
			p trend=0.012
Arg/Pro + Pro/Pro	27 (68)	59 (42)	**2.67 (1.26-5.65)**
TP53_65 IVS4 -125			
T/T	36 (84)	131 (93)	1
T/C	6 (14)	10 (7)	2.11 (0.71-6.27)
C/C	1 (2)	0 (0)	*nd*[b]
			p trend=0.041
T/C + C/C	7 (16)	10 (7)	2.66 (0.93-7.56)
TP53_66 IVS4 -91			
A/A	26 (63)	111 (78)	1
A/G	15 (37)	28 (19)	1.90 (0.88-4.12)
G/G	0 (0)	4 (3)	*nd*[b]
			p trend = 0.296
A/G + G/G	15 (37)	32 (22)	1.82 (0.85-3.93)
TP53_18 Ex6 -34 R213R			
A/A	43 (100)	137 (95)	*nd*[b]
A/G	0 (0)	6 (4)	
G/G	0 (0)	1 (1)	

TP53_16 IVS6 +62			
G/G	24 (57)	107 (74)	1
G/A	18 (43)	33 (23)	**2.52 (1.22-5.20)**
A/A	0 (0)	4 (3)	*nd*[b]
			p trend=0.117
G/A + A/A	18 (43)	37 (26)	**2.16 (1.05-4.47)**
TP53_11 IVS7 +92			
T/T	34 (79)	125 (87)	1
T/G	8 (19)	17 (12)	1.60 (0.63-4.07)
G/G	1 (2)	2 (1)	1.58 (0.13-18.9)
			p trend=0.253
T/G + G/G	9 (21)	19 (13)	1.74 (0.71-4.24)
TP53_12 Ex11 -363			
G/G	35 (85)	132 (93)	1
G/A	5 (12)	10 (7)	1.86 (0.59-5.83)
A/A	1 (2)	0 (0)	*nd*[b]
			p trend = 0.066
TP53_14 1474 3'STP			
C/C	10 (24)	48 (34)	1
C/T	17 (41)	64 (46)	1.46 (0.59-5.83)
T/T	14 (34)	28 (20)	**3.37 (1.29-8.80)**
			p trend=0.042
C/T + T/T	31 (75)	92 (66)	1.85 (0.81-4.25)
TP53_15 1846 3'STP			
C/C	27 (63)	106 (74)	1
C/T	14 (33)	31 (22)	1.44 (0.67-3.13)
T/T	2 (5)	6 (4)	1.32 (0.25-7.02)
			p trend=0.280
C/T + T/T	16 (38)	37 (26)	1.56 (0.75-3.28)
TP53_71 1855 3' STP			
A/A	34 (81)	128 (90)	1
A/G	7 (17)	15 (10)	1.95 (0.75-5.10)
G/G	1 (2)	0 (0)	*nd*[b]
			p trend=0.099
A/G + G/G	8 (19)	15 (10)	1.91 (0.74-4.95)

[a] Odds ratios and 95% confidence intervals adjusted for age, and pack-years of smoking.

[b] *nd*, not determined