Polymorphisms in BMP2/BMP4, with estimates of mean lung dose, predict radiation pneumonitis among patients receiving definitive radiotherapy for non-small cell lung cancer

Supplementary Materials

Supplementary Table 1: Function prediction of tagging SNPs of BMP2 and BMP4

SNPs	Chromosome	Allele	TFBS	miRNA	nsSNP
Rs170986	20	A/C		Y	
Rs1979855	20	G/A	Y		
Rs1980499	20	C/T	Y		
Rs235768	20	A/T			Y
Rs3178250	20	C/T		Y	
Rs17563	14	G/A			Y
Rs4898820	14	G/T	Y		
Rs762642	14	C/A	Y		

Abbreviations: TFBS, transcriptional factor binding site; nsSNP, non-synonymous single nucleotide polymorphism.

Supplementary Table 2: Genotypes distribution of studied SNPs

SNPs	No. of patients	
	RP grade < 2	RP grade ≥ 2
Rs170986		
AA	16	8
AC	116	74
CC	268	156
Rs1980499		
CC	288	179
CT	102	53
TT	10	5
Rs235768		
AA	81	24
AT	156	103
TT	161	113
Rs3178250		
CC	8	11
CT	131	68
TT	261	164
Rs1979855		
AA	288	179
AG	102	53
GG	10	5
Rs17563		
AA	105	61
AG	171	109
GG	122	72
Rs4898820		
GG	82	45
GT	185	116
TT	126	77
Rs762642		
AA	165	93
AC	162	107
CC	63	33