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Supplementary Materials to

Article

Genetic Determinants of Radiosensitivity: Evidence of Radioresistance-Associated SNP Enrichment in Occupational Workers Chronically Exposed to Low-Dose Radiation

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Table S1. Allele and Genotype Frequency Distribution of Selected Genes in Individuals Associated with the Stepnogorsk Mining-Chemical Combine

Polymorphism	Population Group	Genotype	Miners	Controls	OR (95% CI)	CI, (95%)	χ^2 (Genotype)	p (Genotype)	χ^2 (Allele)	p (Allele)
APC	Kazakhs	CC	0,250	0,305	2,181	0,366 -1,581	3,825	0,147	0,425	0,514
		CT	0,692	0,508						
		TT	0,058	0,188						
	Russians	CC	0,266	0,275	0,953	0,566 -1,605	4,687	0,095	0,814	0,366
		CT	0,627	0,533						
		TT	0,107	0,192						
VEGF	Kazakh	DD	0,442	0,419	0,781	0,415 -1,501	0,696	0,705	0,014	0,903
		DI	0,365	0,426						
		II	0,192	0,155						
	Russian	DD	0,285	0,272	0,735	0,474 -1,121	2,556	0,278	0,431	0,511
		DI	0,453	0,531						
		II	0,262	0,198						

rs1801320	Kazakh	GG	0,865	0,822	1,395	0,552 -3,48 1	0,291	0,582	0,231	0,621
		GC	0,115	0,171						
		CC	0,019	0,008						
	Russian	GG	0,808	0,750	1,400	0,831 -2,35 1	1,453	0,221	1,661	0,193
		GC	0,163	0,213						
		CC	0,029	0,038						
rs13181	Kazakh	TT	0,192	0,202	1,423	0,731 -2,76 2	1,131	0,567	0,307	0,579
		GT	0,404	0,323						
		GG	0,404	0,476						
	Russian	TT	0,295	0,265	0,856	0,561 -1,30 1	0,599	0,741	0,092	0,761
		GT								
		GG								

Table S2. Allele and Genotype Frequency Distribution of Selected Genes in Individuals Associated with the Balkashinskoye (Shantobe)

Polymorphism	**Population Group**	**Genotype**	**Miners**	**Controls**	**OR (95% CI)**	**CI, (95%)**	**χ^2 (Genotype)**	**p (Genotype)**	**χ^2 (Allele)**	**p (Allele)**
APC	Kazakhs	CC	0,375	0,305	0,969	0,343-2,741	0,061	0,970	0,095	0,757
		CT	0,500	0,508						
		TT	0,125	0,188						
	Russians	CC	0,296	0,217	0,851	0,448-1,619	1,244	0,536	0,207	0,988
		CT	0,481	0,522						
		TT	0,222	0,261						
VEGF	Kazakh	DD	0,442	0,419	0,969	0,532-1,771	0,012	0,912	0,842	0,941
		DI	0,365	0,426						
		II	0,192	0,155						
	Russian	DD	0,285	0,272	0,869	0,471-1,582	2,403	0,301	1,503	0,221
		DI	0,453	0,531						
		II	0,262	0,198						
rs1801320	Kazakh	GG	0,865	0,822	1,871	0,882-3,967	2,838	0,092	3,172	0,074
		GC	0,115	0,171						
		CC	0,019	0,008						
	Russian	GG	0,808	0,750	1,271	0,566-1,491	0,701	0,403	0,037	0,846
		GC	0,163	0,213						
		CC	0,029	0,038						
rs13181	Kazakh	TT	0,018	0,202	0,073	0,021-0,571	3,489	0,061	2,780	0,095
		GT	0,509	0,323						
		GG	0,473	0,476						
	Russian	TT	0,205	0,281	1,121	0,732-1,711	2,826	0,243	2,630	0,104
		GT	0,459	0,431						
		GG	0,335	0,288						