

Table 6. An association of the miRNA processing genes single nucleotide polymorphisms with head and neck cancer risk by smoking status.

GENE/ RS NO.	GENOTYPE	Non smokers	Smokers	Odds Ratio	.95 Confidence Intervals		p*
		NO.	NO.		Lower Limit	Upper Limit	
<b>DROSHA</b>							
<b>6877842</b>	CC	0	6	Ref.			
	CG	8	41	NA			
	GG	3	70	NA			
<b>DICER1</b>							
<b>3742330</b>	AA	3	20	Ref.			
	AG	7	93	1.9929	0.474	8.3795	0.2791
	GG	0	0	NA			
<b>13078</b>	AA	0	7	Ref.			
	AT	4	42	NA	0.2983	3.9161	0.5897
	TT	7	68	NA			
<b>DGCR8</b>							
<b>1640299</b>	GG	0	6	Ref.			
	GT	4	43	NA			
	TT	5	55	NA			
<b>3757</b>	AA	0	4	Ref.			
	AG	7	82	NA			
	GG	3	26	NA			
<b>417309</b>	AA	1	12	Ref.			
	AG	3	29	0.8056	0.076	8.5409	0.6741
	GG	6	61	0.8472	0.0933	7.6897	0.6821
<b>RAN</b>							
<b>14035</b>	CC	6	67	Ref.			
	CT	1	31	2.7761	0.3203	24.0583	0.3109
	TT	1	4	0.3582	0.0343	3.7378	0.3832
<b>TARBP2</b>							
<b>784567</b>	AA	1	6	Ref.			
	AG	3	67	3.7222	0.3335	41.5432	0.3224
	GG	6	45	1.25	0.1276	12.2453	0.6149
<b>XPO5</b>							
<b>11077</b>	GG	2	24	Ref.			
	GT	6	56	0.7778	0.1464	4.1327	0.5623
	TT	3	33	0.9167	0.142	5.9173	0.6535

\*All p values are for Fisher Exact Probability Test due to low sample sizes.

Table 7. An association of the miRNA processing genes single nucleotide polymorphisms with head and neck cancer risk modified by smoking duration.

GENE/ RS NO.	GENO TYPE	Non smokers NO.	PATIE NTS NO.	Up to 10 years				20-40 years					More than 40				
				Odds Ratio	.95 Confidence Intervals		p*	PATIE NTS NO.	Odds Ratio	.95 Confidence Intervals		p*	PATI ENT S	Odds Ratio	.95 Confidence Intervals		p*
					Lower L imit	Upper Li mit				Lower L imit	Upper Lim it				Lower L imit	Upper Lim it	
<b>DROSHA</b>																	
6877842	CC	0	4	Ref.				0	Ref.				2	Ref.			
	CG	8	11	NA				15	NA				15	NA			
	GG	3	31	NA				21	NA				17	NA			
<b>DICER1</b>																	
3742330	AA	3	9	Ref.				4	Ref.				7	Ref.			
	AG	7	37	1.7619	0.3791	8.1876	0.3628	31	3.3214	0.6026	18.308	0.1722	24	0.6806	0.1383	3.3479	0.4639
	GG	0	0	NA				0	NA				0	NA			
13078	AA	0	1	Ref.				4	Ref.				2	Ref.			
	AT	4	16	NA				15	NA				11	NA			
	TT	7	28	NA				18	NA				21	NA			
<b>DGCR8</b>																	
1640299	GG	0	2	Ref.				3	Ref.				1	Ref.			
	GT	4	19	NA				11	NA				13	NA			
	TT	5	19	NA				18	NA				18	NA			
3757	AA	0	2	Ref.				1	Ref.				1	Ref.			
	AG	7	31	NA				27	NA				23	NA			
	GG	3	9	NA				8	NA				9	NA			
417309	AA	1	5	Ref.				5	Ref.				2	Ref.			
	AG	3	9	0.6	0.0486	7.4083	0.5931	8	0.5333	0.0427	6.6553	0.5546	11	1.8333	0.1209	27.7987	0.5794
	GG	6	19	0.6333	0.0613	6.5422	0.5869	23	0.7667	0.0748	7.86	0.6559	18	0.3636	0.0693	1.9094	0.2098
<b>RAN</b>																	
14035	CC	6	27	Ref.				19	Ref.				21	Ref.			
	CT	1	6	1.3333	0.1344	13.2251	0.6449	13	4.1053	0.4408	38.2355	0.1924	12	3.4286	0.3677	31.9713	0.2540
	TT	1	3	0.6667	0.0587	7.5722	0.5850	0	NA				1	0.0952	0.0083	1.0908	0.0627
<b>TARBP2</b>																	
784567	AA	1	5	Ref.				1	Ref.				0	Ref.			
	AG	3	24	1.6	0.1367	18.7236	0.5711	20	6.6667	0.3234	137.4111	0.2999	22	NA			
	GG	6	16	0.5333	0.0512	5.5541	0.5221	16	2.6667	0.1429	49.7588	0.5072	12	NA			
<b>XPO5</b>																	
11077	GG	2	9	Ref.				8	Ref.				7	Ref.			
	GT	6	20	0.7407	0.1245	4.4068	0.5558	19	0.7917	0.1307	4.7939	0.5888	17	0.8095	0.1303	5.0285	0.6018
	TT	3	12	0.8889	0.1219	6.4834	0.6543	9	0.75	0.0988	5.693	0.5939	10	0.9524	0.1247	7.2755	0.6842

\*All p values are for Fisher Exact Probability Test due to low sample sizes.

Table 8. An association of the miRNA processing genes single nucleotide polymorphisms with head and neck cancer risk modified by number of cigarettes smoked per day.

GENE/ RS NO.	GENOTYPE	Non smokers NO.	Up to 20 cigarettes per day					More than 20 cigarettes per day				
			NO.	Odds Ratio	.95 Confidence Intervals Lower Limit	Upper Limit	p*	NO.	Odds Ratio	.95 Confidence Intervals Lower Limit	Upper Limit	p*
<b>DROSHA</b>												
6877842	CC	0	1	Ref.				5	Ref.			
	CG	8	11	NA				30	NA			
	GG	3	13	NA				57	NA			
<b>DICER1</b>												
3742330	AA	3	8	Ref.				12	Ref.			
	AG	7	17	0.9107	0.1853	4.4763	0.6204 F	76	2.7143	0.6159	11.9625	0.1785
	GG	0	0	NA				0	NA			
13078	AA	0	2	Ref.				5	Ref.			
	AT	4	7	NA				35	NA			
	TT	7	18	NA				50	NA			
<b>DGCR8</b>												
1640299	GG	0	1	Ref.				5	Ref.			
	GT	4	14	NA				29	NA			
	TT	5	9	NA				46	NA			
3757	AA	0	0	Ref.				4	Ref.			
	AG	7	15	NA				67	NA			
	GG	3	8	NA				18	NA			
417309	AA	1	5	Ref.				7	Ref.			
	AG	3	7	0.4667	0.0369	5.9028	0.5109 F	22	1.0476	0.0934	11.755	0.6908 F
	GG	6	11	0.3667	0.0344	3.9079	0.3822 F	50	1.1905	0.1242	11.4082	0.6266 F
<b>RAN</b>												
14035	CC	6	12	Ref.				55	Ref.			
	CT	1	9	0.0556	0.0056	0.5468	0.0051 F	22	2.4	0.2729	21.1044	0.3782 F
	TT	1	1	0.5	0.0264	9.4579	0.5894 F	3	0.3273	0.0292	3.6621	0.3733 F
<b>TARBP2</b>												
784567	AA	1	1	Ref.				5	Ref.			
	AG	3	14	4.6667	0.2234	97.5022	0.3859 F	53	0.283	0.0246	3.2533	0.3415 F
	GG	6	13	2.1667	0.115	40.8129	0.5666 F	32	0.3019	0.0705	1.2918	0.0929 F
<b>XPO5</b>												
11077	GG	2	7	Ref.				17	Ref.			
	GT	6	13	0.619	0.0978	3.9188	0.4844 F	43	0.8431	0.1546	4.5968	0.6052 F
	TT	3	6	0.5714	0.0703	4.6446	0.5 F	27	1.0588	0.1601	7.0041	0.6522 F

\*All p values are for Fisher Exact Probability Test due to low sample sizes.