

**APPENDIX 4. Weighted Allele Frequencies and Genotype Prevalence in the US Population by Race/Ethnicity, Third National Health and Nutrition Examination Survey (NHANES III), Phase 2 (1991–1994)**

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
<i>ABCB1</i>	rs1045642	T	47.3	45.6, 49.0	51.6	50.0, 53.2	20.9	19.5, 22.4	44.7	42.3, 47.2	<0.001
		CC	29.6	27.8, 31.5	24.4	22.8, 26.0	63.3	60.6, 65.8	30.7	27.9, 33.6	
		CT	46.2	44.5, 47.9	48.0	46.3, 49.7	31.6	28.9, 34.3	49.2	46.8, 51.5	<0.001
		TT	24.2	22.3, 26.1	27.6	25.6, 29.7	5.2	4.3, 6.2	20.2	17.7, 22.9	
<i>ACE</i>	rs4646994	Ins (I)	46.2	44.6, 47.8	45.4	43.7, 47.2	41.3	39.5, 43.1	53.4	51.2, 55.5	<0.001
		DD	28.3	26.0, 30.7	28.8	25.9, 31.8	33.8	31.5, 36.3	20.7	17.9, 23.7	
		DI	51.1	48.5, 53.7	51.6	47.8, 55.3	49.8	47.3, 52.2	51.9	49.5, 54.4	<0.001
		II	20.6	18.9, 22.4	19.6	17.7, 21.8	16.4	14.6, 18.5	27.4	25.5, 29.3	
<i>ADH1B</i>	rs1229984	A	6.4	5.5, 7.5	4.7	3.9, 5.6	1.4	0.8, 2.3	5.5	4.8, 6.2	<0.001
		AA	1.6	1.1, 2.3	0.2	0.1, 0.5	0.0	NA	0.1	0.0, 0.3	
		AG	9.7	8.4, 11.1	9.0	7.6, 10.7	2.7	1.6, 4.6	10.8	9.4, 12.3	<0.001
		GG	88.8	87.0, 90.3	90.8	89.0, 92.3	97.3	95.4, 98.4	89.2	87.7, 90.5	
	rs17033	G	10.0	9.2, 10.9	8.5	7.8, 9.2	6.9	5.9, 8.1	30.0	28.0, 32.1	<0.001
		AA	81.4	79.7, 82.9	83.8	82.5, 85.1	86.9	84.8, 88.7	49.3	46.1, 52.5	
		AG	17.2	15.7, 18.8	15.4	14.0, 16.9	12.5	10.8, 14.4	41.3	38.3, 44.5	<0.001
	rs2066702	GG	1.4	1.0, 1.9	0.8	0.4, 1.4	0.6	0.3, 1.4	9.4	7.8, 11.2	
		T	2.9	2.3, 3.6	0.4	0.2, 0.7	20.0	18.5, 21.5	0.9	0.5, 1.4	<0.001
		CC	94.7	93.4, 95.8	99.2	98.7, 99.6	64.0	61.5, 66.4	98.3	97.3, 98.9	
		CT	4.8	3.8, 6.0	0.8	0.4, 1.3	32.1	29.8, 34.5	1.7	1.1, 2.7	<0.001
		TT	0.5	0.3, 0.6	0.0	NA	3.9	3.0, 5.1	0.0	NA	
<i>ADH1C</i>	rs1693482	A	33.8	31.4, 36.3	38.5	35.4, 41.7	14.6	12.8, 16.5	34.1	32.5, 35.8	<0.001
		AA	12.9	11.1, 15.1	15.5	13.3, 18.1	2.3	1.5, 3.3	11.1	9.6, 12.9	
		AG	41.7	39.8, 43.6	45.9	43.3, 48.4	24.6	21.7, 27.6	46.0	43.3, 48.6	<0.001
		GG	45.4	42.3, 48.5	38.6	34.5, 42.9	73.2	69.9, 76.2	42.9	40.5, 45.4	
	rs698	G	34.4	32.0, 36.9	39.4	36.5, 42.5	14.9	13.2, 16.8	31.1 <sup>e</sup>	29.3, 33.0	<0.001
		AA	44.8	41.5, 48.1	37.4	33.4, 41.5	72.6	69.4, 75.6	49.2 <sup>e</sup>	46.8, 51.5	<0.001
		AG	41.7	39.5, 43.9	46.4	43.6, 49.2	25.0	22.2, 28.0	39.4	37.1, 41.7	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		GG	13.5	11.7, 15.6	16.2	14.0, 18.7	2.4	1.6, 3.5	11.5	9.7, 13.5	
<i>ADRB1</i>	rs1801252	G	15.7	13.8, 17.7	13.2	11.2, 15.5	22.5	21.0, 24.0	28.0	26.2, 29.9	<0.001
		AA	71.5	68.3, 74.5	75.8	72.2, 79.0	60.3	57.5, 63.1	51.8	48.8, 54.9	
		AG	25.6	23.3, 28.1	22.0	19.4, 24.9	34.4	31.2, 37.8	40.3	37.7, 42.9	<0.001
		GG	2.8	2.1, 3.8	2.2	1.4, 3.6	5.2	4.1, 6.7	7.9	6.8, 9.1	
<i>ADRB2</i>	rs1042713	A	40.5	38.9, 42.2	38.9	36.9, 40.9	49.7	47.7, 51.6	41.8	40.3, 43.2	<0.001
		AA	16.9	15.0, 18.9	15.7	13.4, 18.2	25.0	23.1, 27.1	15.6	14.4, 16.9	
		AG	47.3	45.0, 49.6	46.4	43.6, 49.3	49.3	47.0, 51.7	52.3	50.1, 54.4	<0.001
	rs1042714	GG	35.8	33.7, 38.0	37.9	35.4, 40.4	25.6	23.2, 28.3	32.1	29.9, 34.4	
		G	36.0	34.1, 37.9	41.9	39.9, 44.0	18.0	16.6, 19.6	21.3	19.8, 22.9	<0.001
		CC	42.5	40.2, 44.8	34.5	31.6, 37.5	67.6	64.9, 70.2	61.4	58.8, 63.9	
		CG	43.0	41.0, 45.0	47.3	44.4, 50.1	28.8	26.2, 31.5	34.6	32.1, 37.2	<0.001
	GG	14.5	12.7, 16.5	18.3	16.3, 20.4	3.7	2.7, 5.0	4.0	3.1, 5.2		
<i>ADRB3</i>	rs4994	C	8.6	7.8, 9.5	6.9	5.9, 8.0	11.7	10.3, 13.1	16.6	14.7, 18.7	<0.001
		CC	0.9	0.7, 1.2	0.6	0.3, 1.1	1.4	0.8, 2.5	2.7	1.9, 3.8	
		CT	15.5	14.0, 17.0	12.5	10.8, 14.4	20.5	18.4, 22.7	27.7	24.6, 31.1	<0.001
		TT	83.6	82.0, 85.2	86.9	84.8, 88.7	78.1	75.7, 80.3	69.5	65.9, 72.9	
<i>ALAD</i>	rs1800435	C	6.5	5.7, 7.4	8.1	7.0, 9.3	1.3	1.0, 1.9	4.5	3.6, 5.5	<0.001
		CC	0.4	0.2, 0.9	0.6	0.3, 1.2	0.0	NA	0.3	0.1, 1.0	
		CG	12.2	10.9, 13.6	15.1	13.3, 17.0	2.7	1.9, 3.7	8.4	6.8, 10.5	<0.001
		GG	87.4	85.9, 88.8	84.4	82.2, 86.3	97.3	96.3, 98.1	91.3	89.3, 93.0	
<i>B9D2</i>	rs1800468	A	6.7	6.0, 7.5	7.6	6.7, 8.7	2.8	2.1, 3.7	4.6	4.1, 5.3	<0.001
		AA	0.4	0.2, 0.8	0.5	0.2, 1.1	0.1	0.0, 0.5	0.2	0.1, 0.9	
		AG	12.6	11.3, 14.0	14.3	12.6, 16.2	5.4	4.0, 7.1	8.8	7.8, 10.0	<0.001
		GG	87.0	85.5, 88.4	85.2	83.2, 87.0	94.5	92.7, 95.9	90.9	89.8, 92.0	
	rs1800469	T	32.1	30.7, 33.6	31.4	29.7, 33.2	23.8	22.1, 25.6	44.8	42.6, 46.9	<0.001
		CC	47.1	45.0, 49.1	47.6	45.1, 50.1	58.1	55.2, 60.9	31.5	28.7, 34.6	<0.001

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			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		CT	41.7	39.7, 43.7	42.0	39.4, 44.6	36.3	33.7, 39.0	47.4	44.9, 49.9	
		TT	11.2	9.9, 12.8	10.5	8.7, 12.5	5.6	4.5, 7.0	21.1	19.2, 23.0	
<i>CAPN10</i>	rs3792267	A	24.6	23.1, 26.1	25.8	23.7, 27.9	16.2	14.3, 18.2	27.3	25.3, 29.5	<0.001
		AA	6.4	5.7, 7.3	6.8	5.8, 8.0	2.4	1.7, 3.4	7.3	6.1, 8.9	
		AG	36.3	34.4, 38.2	38.0	35.3, 40.7	27.5	24.5, 30.7	40.0	37.4, 42.6	<0.001
		GG	57.3	54.8, 59.7	55.2	51.9, 58.6	70.1	66.6, 73.4	52.7	49.5, 55.9	
<i>CAT</i>	rs769214	G	37.6	35.3, 40.0	33.9	31.3, 36.6	41.2	39.4, 43.0	50.3	49.4, 51.2	<0.001
		AA	39.5	36.3, 42.7	43.6	40.0, 47.2	35.0	32.5, 37.6	24.0	22.0, 26.1	
		AG	45.8	43.4, 48.2	45.0	42.5, 47.6	47.6	44.8, 50.3	51.5	47.4, 55.5	<0.001
		GG	14.8	13.0, 16.7	11.4	9.4, 13.7	17.4	15.6, 19.4	24.6	22.3, 27.0	
<i>CBS</i>	844ins68bp	+	10.0	8.9, 11.1	8.1	7.1, 9.2	25.9	23.8, 28.1	6.3	5.6, 7.2	<0.001
		++	1.2	0.9, 1.5	0.5	0.3, 0.8	6.7	5.4, 8.4	0.4	0.2, 0.8	
		+-	17.6	15.7, 19.7	15.3	13.3, 17.5	38.3	35.9, 40.7	11.9	10.3, 13.7	<0.001
		--	81.2	79.1, 83.3	84.3	82.1, 86.2	55.0	51.8, 58.1	87.7	86.0, 89.3	
<i>CCL5</i>	rs2280788	G	2.6	2.3, 3.0	2.8	2.5, 3.2	0.7	0.4, 1.1	1.3	1.0, 1.7	<0.001
		CC	94.9	94.2, 95.5	94.6	93.9, 95.2	98.7	97.8, 99.2	97.4	96.6, 98.0	
		CG	5.0	4.4, 5.6	5.2	4.6, 5.9	1.3	0.8, 2.2	2.6	2.0, 3.4	<0.001
		GG	0.1	0.0, 0.4	0.2	0.1, 0.5	0.0	NA	0.0	NA	
<i>CCR2</i>	rs1799864	A	11.2	10.1, 12.6	9.5	8.1, 11.1	14.5	13.6, 15.4	21.7	19.8, 23.7	<0.001
		AA	1.6	1.0, 2.4	1.2	0.6, 2.2	1.7	1.1, 2.4	4.5	3.3, 6.2	
		AG	19.3	17.4, 21.4	16.5	14.1, 19.3	25.7	24.0, 27.4	34.4	32.1, 36.6	<0.001
		GG	79.1	76.9, 81.2	82.3	79.4, 84.8	72.7	71.0, 74.3	61.1	58.2, 63.9	
<i>CXCL12</i>	rs169097	T	2.5	1.9, 3.2	0.3 <sup>e</sup>	0.2, 0.6	17.2	15.2, 19.3	1.0	0.6, 1.4	<0.001
		CC	95.4	94.1, 96.4	99.4 <sup>e</sup>	98.9, 99.7	68.4	64.7, 71.9	98.1	97.1, 98.7	
		CT	4.3	3.4, 5.5	0.6	0.3, 1.1	28.9	25.7, 32.4	1.9	1.3, 2.9	<0.001
		TT	0.3	0.2, 0.5	0.0	0.0, 0.1	2.7	1.9, 3.8	0.0	NA	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
<i>CYP1A1</i>	rs2472299	T	29.8	28.4, 31.3	28.2	26.7, 29.7	38.5	36.3, 40.7	26.7	24.6, 28.9	<0.001
		CC	50.2	47.8, 52.5	52.8	50.6, 55.0	37.7	34.7, 40.7	53.9	50.3, 57.4	
		CT	40.0	37.7, 42.3	37.9	35.8, 40.0	47.8	45.3, 50.2	38.8	35.7, 42.0	<0.001
		TT	9.9	8.8, 11.0	9.3	7.9, 10.8	14.6	12.8, 16.6	7.3	6.0, 8.8	
	rs2606345	G	44.0	41.7, 46.3	33.8	31.8, 35.8	84.1	81.3, 86.5	61.7	59.1, 64.2	<0.001
		GG	22.6	20.5, 24.8	11.2	9.2, 13.6	70.8	65.8, 75.3	38.4	34.4, 42.6	
		GT	42.8	40.1, 45.5	45.1	41.8, 48.5	26.6	22.4, 31.3	46.5	42.5, 50.6	<0.001
		TT	34.6	31.6, 37.8	43.7	40.7, 46.7	2.6	2.1, 3.4	15.1	13.1, 17.2	
<i>CYP1A2</i>	rs11854147	T	40.4	38.1, 42.8	31.4 <sup>e</sup>	29.6, 33.1	72.1	70.3, 73.9	61.3	57.7, 64.9	<0.001
		CC	39.5	36.8, 42.2	49.1 <sup>e</sup>	46.9, 51.4	8.6	7.1, 10.4	16.5	13.3, 20.2	
		CT	40.1	38.6, 41.7	39.0	37.2, 40.8	38.6	36.8, 40.5	44.4	41.0, 47.8	<0.001
		TT	20.4	18.2, 22.7	11.9	10.3, 13.6	52.8	50.5, 55.1	39.1	34.8, 43.7	
	rs2069514	A	8.4	7.0, 10.0	1.6	1.0, 2.5	26.3	24.9, 27.7	33.7	30.2, 37.4	<0.001
		AA	2.2	1.7, 2.9	0.1	0.0, 0.8	6.3	5.3, 7.5	12.2	9.3, 15.9	
		AG	12.4	10.2, 15.0	2.9	1.8, 4.7	39.9	36.8, 43.1	42.9	39.3, 46.6	<0.001
		GG	85.4	82.6, 87.9	96.9	95.2, 98.1	53.8	51.0, 56.5	44.9	40.3, 49.6	
	rs4886406	G	29.4	28.1, 30.7	27.8	26.5, 29.2	38.3	36.0, 40.8	26.5	24.7, 28.5	<0.001
		GG	9.0	7.9, 10.2	8.4	7.1, 9.8	13.9	12.1, 16.0	7.2	5.8, 9.0	
		GT	40.9	38.9, 42.9	38.9	37.1, 40.8	48.8	45.9, 51.8	38.6	36.2, 41.1	0.001
		TT	50.1	48.1, 52.2	52.7	50.9, 54.6	37.2	33.8, 40.8	54.1	51.4, 56.9	
<i>CYP1B1</i>	rs1056836	G	46.0	44.1, 47.8	45.2	43.6, 46.8	75.0	73.5, 76.5	26.5	24.3, 28.9	<0.001
		CC	31.3	29.6, 33.0	30.7	29.1, 32.4	5.9	4.8, 7.3	55.3	52.0, 58.4	
		CG	45.5	43.1, 47.9	48.2	45.2, 51.1	38.2	35.8, 40.7	36.4	34.2, 38.7	<0.001
		GG	23.2	20.7, 26.0	21.1	18.7, 23.8	55.9	53.5, 58.3	8.3	6.9, 10.1	
	rs1056837	T	45.5	43.7, 47.3	45.0	43.3, 46.7	72.7	71.0, 74.3	26.3	24.0, 28.8	<0.001
		CC	31.7	30.0, 33.5	31.0	29.2, 32.9	7.2	6.0, 8.8	55.9	52.8, 59.0	
		CT	45.5	43.1, 48.0	47.9	44.9, 50.9	40.1	37.1, 43.1	35.5	33.7, 37.4	<0.001
		TT	22.7	20.3, 25.4	21.0	18.5, 23.7	52.6	49.8, 55.5	8.6	6.7, 10.8	
	rs162557	T	21.4	19.8, 23.1	23.2	21.3, 25.2	21.6	20.0, 23.4	13.1	11.6, 14.7	<0.001
		CC	62.1	59.7, 64.4	59.2	56.5, 61.7	61.2	58.1, 64.2	75.6	72.6, 78.4	<0.001
		CT	33.1	31.3, 34.9	35.2	33.4, 37.0	34.2	31.2, 37.5	22.6	20.0, 25.5	

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			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		TT	4.8	3.7, 6.3	5.6	4.2, 7.4	4.5	3.5, 5.9	1.7	1.2, 2.5	
<i>CYP2A6</i>	rs1801272	A	2.7	2.4, 3.1	3.3	2.8, 3.8	0.6	0.4, 0.9	2.0	1.6, 2.5	<0.001
		AA	0.1	0.0, 0.3	0.1	0.0, 0.3	0.0	NA	0.0	0.0, 0.3	
		AT	5.3	4.7, 6.1	6.4	5.5, 7.4	1.2	0.8, 1.8	3.9	3.2, 4.8	<0.001
		TT	94.6	93.8, 95.3	93.5	92.5, 94.5	98.8	98.2, 99.2	96.0	95.1, 96.8	
<i>CYP2C19</i>	rs4986893	A	0.2	0.1, 0.5	0.1	0.1, 0.2	0.2	0.1, 0.4	0.1	0.0, 0.3	0.744
		AA	0.0	0.0, 0.1	0.0	NA	0.0	NA	0.0	NA	
		AG	0.4	0.2, 0.9	0.2	0.1, 0.5	0.3	0.1, 0.8	0.2	0.1, 0.5	0.830
		GG	99.6	99.1, 99.8	99.8	99.5, 99.9	99.7	99.2, 99.9	99.8	99.5, 99.9	
	rs4986894	C	14.8	13.8, 15.7	13.7	12.5, 14.9	18.3	17.0, 19.7	11.0	9.2, 13.1	<0.001
		CC	2.3	1.9, 2.8	1.9	1.4, 2.6	3.8	2.8, 5.0	1.3	0.7, 2.3	
		CT	25.0	23.4, 26.6	23.6	21.7, 25.7	29.1	26.5, 32.0	19.5	16.6, 22.7	<0.001
TT	72.7	71.0, 74.4	74.5	72.3, 76.6	67.1	64.6, 69.5	79.2	75.6, 82.4			
<i>CYP2C9</i>	rs1057910	C	5.8	5.2, 6.4	6.8	6.0, 7.6	1.1	0.6, 1.8	3.9	3.1, 4.9	<0.001
		AA	89.0	87.9, 90.1	87.1	85.4, 88.5	97.9	96.5, 98.7	92.4	90.4, 93.9	
		AC	10.4	9.4, 11.5	12.3	10.9, 14.0	2.0	1.2, 3.4	7.5	6.0, 9.4	<0.001
		CC	0.6	0.4, 0.9	0.6	0.4, 0.9	0.0	0.0, 0.3	0.1	0.0, 0.4	
<i>CYP2E1</i>	rs2031920	T	3.1	2.6, 3.8	2.2	1.7, 3.0	0.8	0.5, 1.1	10.7	9.6, 11.8	<0.001
		CC	94.0	92.7, 95.0	95.6	94.2, 96.8	98.5	97.8, 98.9	79.7	77.4, 81.8	
		CT	5.8	4.8, 7.0	4.2	3.1, 5.8	1.5	1.1, 2.2	19.3	16.9, 21.9	<0.001
		TT	0.3	0.1, 0.5	0.1	0.0, 0.4	0.0	NA	1.0	0.5, 2.0	
<i>CYP3A4</i>	rs2740574	G	11.7	9.9, 13.7	4.1	3.4, 4.9	64.0	62.0, 66.0	7.7	6.3, 9.3	<0.001
		AA	82.0	79.3, 84.4	92.4	90.9, 93.6	13.7	12.0, 15.6	85.4	82.7, 87.8	
		AG	12.6	11.1, 14.3	7.1	5.8, 8.7	44.5	42.4, 46.6	13.8	11.7, 16.3	<0.001
		GG	5.4	4.2, 6.9	0.5	0.2, 1.4	41.8	39.2, 44.4	0.8	0.4, 1.4	
<i>F2</i>	rs1799963	A	1.0	0.7, 1.3	1.1	0.8, 1.7	0.3	0.1, 0.5	1.1	0.7, 1.7	0.001
		AA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.001

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		AG	1.9	1.4, 2.7	2.3	1.5, 3.4	0.5	0.3, 1.1	2.2	1.5, 3.4	
		GG	98.1	97.3, 98.6	97.7	96.6, 98.5	99.5	98.9, 99.7	97.8	96.6, 98.5	
<i>F5</i>	rs6025	A	2.2	1.8, 2.7	2.6	2.1, 3.2	0.6	0.4, 1.0	1.0	0.8, 1.4	<0.001
		AA	0.0	0.0, 0.1	0.0	0.0, 0.1	0.0	NA	0.0	0.0, 0.3	
		AG	4.3	3.5, 5.3	5.2	4.2, 6.3	1.3	0.8, 2.1	2.0	1.4, 2.8	<0.001
		GG	95.7	94.6, 96.5	94.8	93.7, 95.8	98.7	97.9, 99.2	98.0	97.2, 98.5	
<i>FAM82A</i>	rs163086	T	21.3	20.0, 22.6	22.8	21.2, 24.5	19.1	17.4, 21.0	14.5	13.0, 16.3	<0.001
		CC	62.3	60.2, 64.2	59.8	57.0, 62.6	65.0	62.1, 67.8	73.4	70.6, 76.0	
		CT	32.9	31.2, 34.8	34.7	32.0, 37.5	31.7	29.3, 34.2	24.1	21.9, 26.4	<0.001
		TT	4.8	3.9, 5.9	5.5	4.3, 6.9	3.3	2.3, 4.6	2.5	1.8, 3.4	
<i>FCGR2A</i>	rs1801274	A	50.0	48.5, 51.6	49.4	47.6, 51.1	47.4	45.8, 49.0	48.6	47.1, 50.1	0.096
		AA	25.6	23.9, 27.3	24.9	23.0, 26.9	21.8	20.2, 23.5	23.7	22.1, 25.4	
		AG	48.9	47.4, 50.5	48.9	46.8, 51.1	51.3	49.5, 53.1	49.8	47.1, 52.5	0.127
		GG	25.5	23.8, 27.2	26.2	24.1, 28.4	26.9	25.0, 29.0	26.5	24.3, 28.8	
<i>FGB</i>	rs1800790	A	17.6	16.2, 19.1	19.4	18.1, 20.7	5.5	4.6, 6.6	15.0	13.5, 16.6	<0.001
		AA	3.3	2.4, 4.4	3.4	2.6, 4.5	0.6	0.3, 1.3	2.5	2.0, 3.1	
		AG	28.7	26.8, 30.7	31.9	30.1, 33.8	9.8	8.0, 11.9	24.9	22.3, 27.8	<0.001
		GG	68.0	65.7, 70.2	64.6	62.6, 66.6	89.6	87.5, 91.3	72.6	69.6, 75.4	
<i>IL10</i>	rs1800871	T	29.0	27.1, 30.9	24.2	22.3, 26.2	39.6	37.8, 41.5	38.1	34.7, 41.6	<0.001
		CC	52.2	49.5, 54.8	58.4	55.6, 61.1	36.3	33.5, 39.3	39.2	35.2, 43.4	
		CT	37.7	35.3, 40.3	34.9	32.4, 37.5	48.1	45.3, 50.9	45.4	43.2, 47.6	<0.001
		TT	10.1	8.4, 12.0	6.7	5.1, 8.9	15.6	14.0, 17.2	15.4	12.5, 18.8	
	rs1800872	A	29.0	27.1, 31.0	24.3	22.4, 26.4	39.3	37.4, 41.2	37.9	34.6, 41.4	<0.001
		AA	10.1	8.4, 12.1	6.9	5.1, 9.2	15.0	13.4, 16.8	15.1	12.3, 18.5	
		AC	37.9	35.3, 40.5	35.0	32.3, 37.7	48.5	45.4, 51.6	45.6	43.0, 48.3	<0.001
		CC	52.1	49.4, 54.8	58.2	55.4, 60.9	36.5	33.5, 39.5	39.3	35.2, 43.4	
rs1800896	G	42.3	40.6, 44.0	46.9	44.5, 49.3	35.6	33.8, 37.5	30.5	27.8, 33.3	<0.001	
	AA	34.4	32.3, 36.6	28.6	25.6, 31.8	40.6	37.4, 43.8	48.7	43.9, 53.4	<0.001	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		AG	46.6	44.3, 48.9	49.0	46.4, 51.6	47.6	44.3, 50.9	41.7	37.0, 46.5	
		GG	19.0	17.2, 20.9	22.4	20.1, 24.8	11.8	10.4, 13.4	9.6	7.8, 11.8	
<i>IL1B</i>	rs1143623	C	28.7	26.5, 31.0	28.5	26.0, 31.1	11.2	10.0, 12.7	42.9	40.5, 45.4	<0.001
		CC	9.6	7.9, 11.6	9.0	7.2, 11.1	1.1	0.6, 1.9	19.4	16.9, 22.2	
		CG	38.1	36.4, 39.9	39.1	36.8, 41.4	20.3	18.4, 22.3	47.1	44.1, 50.2	<0.001
		GG	52.2	49.4, 55.0	52.0	48.5, 55.4	78.6	76.3, 80.8	33.5	30.4, 36.8	
<i>IL4</i>	rs2243248	G	9.0	8.1, 9.9	7.5	6.7, 8.4	15.7	14.3, 17.3	12.0	10.0, 14.4	<0.001
		GG	0.8	0.6, 1.1	0.4	0.2, 0.8	2.5	1.7, 3.5	1.9	1.3, 2.8	
		GT	16.3	14.8, 18.0	14.1	12.7, 15.7	26.6	24.3, 29.0	20.3	17.1, 23.9	<0.001
		TT	82.9	81.1, 84.5	85.4	83.7, 87.0	71.0	68.3, 73.5	77.8	73.7, 81.4	
	rs2243250	T	25.5	23.8, 27.3	16.0	14.8, 17.3	64.0	62.1, 65.8	42.3	40.2, 44.4	<0.001
		CC	58.9	56.6, 61.1	70.8	68.9, 72.6	14.1	12.3, 16.2	34.3	30.9, 37.8	
		CT	31.2	29.6, 32.9	26.4	24.9, 28.0	43.8	41.0, 46.7	46.9	43.3, 50.5	<0.001
		TT	9.9	8.6, 11.4	2.8	2.0, 4.0	42.0	39.4, 44.7	18.9	17.1, 20.7	
	rs2243270	G	25.7	24.0, 27.6	16.4	15.2, 17.6	63.7	61.9, 65.4	41.8	39.3, 44.3	<0.001
		AA	58.3	55.9, 60.7	69.9	68.1, 71.7	14.5	13.4, 15.8	34.9	31.5, 38.6	
		AG	31.8	30.1, 33.6	27.4	25.8, 29.1	43.5	40.4, 46.7	46.6	43.3, 49.9	<0.001
		GG	9.8	8.4, 11.4	2.6	1.8, 3.8	41.9	38.9, 45.0	18.5	16.2, 21.0	
<i>IL4R</i>	rs1801275	G	26.8	24.8, 28.9	20.8	19.5, 22.1	67.1 <sup>e</sup>	64.8, 69.3	28.6	26.8, 30.6	<0.001
		AA	55.9	53.1, 58.6	62.7	60.8, 64.6	13.1 <sup>e</sup>	11.4, 15.1	51.4	49.2, 53.6	
		AG	34.7	32.8, 36.5	33.1	31.5, 34.6	39.5	37.1, 42.0	39.8	38.2, 41.5	<0.001
		GG	9.5	8.0, 11.2	4.2	3.3, 5.4	47.3	44.2, 50.4	8.7	6.9, 10.9	
	rs1805015	C	17.8	16.4, 19.3	15.7	14.2, 17.3	36.7	34.9, 38.7	15.7	14.1, 17.4	<0.001
		CC	3.5	2.9, 4.4	2.4	1.7, 3.3	12.7	11.1, 14.6	2.9	2.0, 4.1	
		CT	28.6	26.7, 30.5	26.7	24.8, 28.7	48.0	45.9, 50.1	25.7	23.3, 28.2	<0.001
		TT	67.9	65.5, 70.2	71.0	68.5, 73.3	39.3	36.8, 41.8	71.4	68.7, 74.1	
<i>ITGA2</i>	rs1126643	T	39.7	38.2, 41.2	41.2	39.1, 43.3	29.6	27.3, 32.0	44.6	43.1, 46.2	<0.001
		CC	36.5	35.1, 37.9	34.7	32.8, 36.6	48.5	45.3, 51.8	30.3	28.3, 32.4	<0.001
		CT	47.6	46.2, 49.1	48.3	46.3, 50.3	43.7	41.3, 46.0	50.1	47.9, 52.3	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		TT	15.9	14.1, 17.9	17.0	14.5, 19.8	7.8	6.1, 9.8	19.6	17.9, 21.3	
<i>ITGB3</i>	rs5918	C	14.4	13.3, 15.6	16.3	15.0, 17.6	10.1	9.2, 11.0	9.7	8.2, 11.3	<0.001
		CC	2.2	1.5, 3.3	2.7	1.8, 4.0	1.1	0.7, 1.7	1.3	0.8, 2.1	
		CT	24.4	22.7, 26.2	27.2	25.1, 29.4	18.0	16.3, 19.8	16.8	14.8, 19.0	<0.001
		TT	73.4	71.4, 75.2	70.1	67.9, 72.2	81.0	79.2, 82.6	81.9	79.2, 84.4	
<i>MBL2</i>	rs11003125	G	34.9	33.2, 36.7	36.4	34.7, 38.1	12.8	11.7, 14.0	51.0	48.9, 53.1	<0.001
		CC	43.2	41.0, 45.4	40.9	38.6, 43.2	76.2	73.9, 78.3	25.0	22.3, 27.8	
		CG	43.8	41.3, 46.2	45.6	42.5, 48.6	21.9	19.8, 24.3	48.1	46.3, 50.0	<0.001
		GG	13.1	11.2, 15.2	13.6	11.4, 16.1	1.9	1.3, 2.7	26.9	25.2, 28.7	
	rs1800450	A	13.5	12.3, 14.7	14.6	13.1, 16.2	4.0	3.3, 4.9	14.6	12.9, 16.6	<0.001
		AA	2.4	1.9, 3.1	2.8	2.1, 3.7	0.4	0.2, 0.8	2.0	1.3, 3.2	
		AG	22.1	20.3, 24.0	23.5	21.1, 26.1	7.4	6.0, 9.0	25.1	22.8, 27.6	<0.001
		GG	75.5	73.4, 77.5	73.7	70.8, 76.3	92.3	90.6, 93.6	72.8	69.7, 75.7	
	rs1800451	A	4.6	3.9, 5.5	2.0	1.6, 2.4	23.3	21.7, 25.0	2.5	1.9, 3.3	<0.001
		AA	0.8	0.6, 1.2	0.1	0.0, 0.3	6.1	4.6, 7.9	0.0	NA	
		AG	7.6	6.3, 9.2	3.8	3.1, 4.7	34.4	32.3, 36.7	5.1	3.9, 6.6	<0.001
		GG	91.6	90.0, 93.0	96.1	95.2, 96.9	59.5	57.2, 61.8	94.9	93.4, 96.1	
	rs5030737	T	6.1	5.3, 7.1	7.4	6.4, 8.5	1.1	0.8, 1.5	2.9 <sup>e</sup>	2.4, 3.5	<0.001
		CC	88.3	86.5, 89.9	85.9	83.7, 87.9	97.7	97.0, 98.3	94.4 <sup>e</sup>	93.2, 95.3	
		CT	11.1	9.6, 12.9	13.3	11.3, 15.6	2.3	1.7, 3.0	5.5	4.6, 6.5	<0.001
		TT	0.6	0.3, 1.0	0.8	0.4, 1.3	0.0	NA	0.2	0.1, 0.4	
rs7096206	C	20.4	18.9, 22.0	22.4	20.4, 24.5	15.1	13.7, 16.7	11.4 <sup>e</sup>	9.5, 13.5	<0.001	
	CC	4.4	3.6, 5.3	5.2	4.1, 6.5	2.2	1.6, 3.0	2.2 <sup>e</sup>	1.5, 3.4		
	CG	32.0	29.7, 34.4	34.4	31.2, 37.6	25.8	23.3, 28.5	18.3	15.8, 21.1	<0.001	
	GG	63.6	61.0, 66.2	60.4	56.9, 63.8	71.9	69.1, 74.6	79.5	76.0, 82.5		
<i>MTHFR</i>	rs1801131	C	28.4	26.1, 30.8	31.1	28.2, 34.1	17.9	16.9, 18.9	18.8	15.8, 22.2	<0.001
		AA	52.2	48.8, 55.6	48.2	44.1, 52.4	67.6	65.9, 69.2	66.0	61.0, 70.6	
		AC	38.8	36.1, 41.5	41.3	38.2, 44.4	29.0	27.4, 30.7	30.5	27.2, 34.1	<0.001
	CC	9.0	7.4, 10.9	10.5	8.4, 12.9	3.4	2.7, 4.2	3.5	2.2, 5.6		
	rs1801133	T	30.8	28.8, 32.8	32.6	30.0, 35.2	11.6	10.8, 12.5	44.6	41.7, 47.5	<0.001



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			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
	rs2066470	CC	49.3	46.3, 52.4	46.4	42.5, 50.3	77.9	76.2, 79.5	30.7	27.5, 34.1	
		CT	39.8	37.2, 42.5	42.1	38.8, 45.5	20.9	19.2, 22.7	49.4	46.3, 52.5	<0.001
		TT	10.9	9.4, 12.5	11.5	9.7, 13.5	1.2	0.7, 1.9	19.9	16.7, 23.5	
		T	9.7	8.5, 11.1	9.6	8.0, 11.4	8.7	7.6, 10.0	6.5	5.4, 7.8	0.042
		CC	81.9	79.4, 84.2	81.9	78.7, 84.8	83.5	81.2, 85.6	87.4	85.1, 89.5	
		CT	16.8	14.7, 19.2	17.0	14.4, 20.0	15.6	13.6, 17.8	12.1	10.1, 14.4	0.057
		TT	1.3	0.9, 1.7	1.1	0.6, 1.8	0.9	0.5, 1.6	0.5	0.2, 1.2	
<i>MTRR</i>	rs1801394	G	46.9	45.3, 48.5	52.8	51.5, 54.1	28.7	26.7, 30.9	26.1	24.2, 28.0	<0.001
		AA	29.8	27.7, 31.9	22.6	20.9, 24.4	50.7	47.8, 53.6	55.0	51.8, 58.1	
		AG	46.7	45.0, 48.5	49.1	47.1, 51.1	41.1	39.2, 43.1	37.9	34.7, 41.3	<0.001
		GG	23.5	22.0, 25.0	28.3	26.7, 29.9	8.2	6.8, 9.8	7.1	5.7, 8.9	
<i>NAT2</i>	rs1041983	T	36.4	35.0, 37.9	35.4	33.8, 37.1	46.1	44.6, 47.6	31.9	29.4, 34.4	<0.001
		CC	40.4	38.4, 42.4	41.4	38.9, 43.9	30.8	28.9, 32.8	46.7	43.4, 50.1	
		CT	46.3	44.6, 48.1	46.3	43.8, 48.9	46.2	43.8, 48.5	42.8	40.1, 45.6	<0.001
		TT	13.3	12.0, 14.7	12.3	10.8, 13.8	23.0	21.2, 24.9	10.5	8.4, 12.9	
	rs1208	G	39.4	38.5, 40.2	41.0	39.9, 42.3	38.3	36.9, 39.7	35.7	33.5, 37.9	<0.001
		AA	37.2	35.9, 38.5	34.5	33.1, 36.0	39.3	37.3, 41.2	41.2	38.2, 44.4	
		AG	46.8	45.4, 48.2	48.9	47.3, 50.4	44.9	42.7, 47.2	46.2	43.5, 48.9	<0.001
		GG	15.9	15.1, 16.8	16.6	15.2, 18.1	15.8	14.2, 17.5	12.6	10.8, 14.6	
	rs1799930	A	30.2	28.9, 31.5	32.3	30.5, 34.1	28.0	25.8, 30.3	18.0	16.0, 20.1	<0.001
		AA	8.9	7.9, 10.1	10.1	8.7, 11.7	8.7	7.1, 10.5	3.2	2.2, 4.7	
		AG	42.6	40.8, 44.5	44.4	42.0, 46.7	38.6	35.6, 41.8	29.5	26.0, 33.2	<0.001
		GG	48.5	46.5, 50.5	45.5	42.8, 48.2	52.7	49.2, 56.2	67.3	63.5, 70.9	
	rs1801279	A	1.0	0.8, 1.3	0.0	0.0, 0.1	7.8	6.9, 8.8	0.5 <sup>e</sup>	0.3, 0.9	<0.001
		AA	0.0	0.0, 0.1	0.0	NA	0.4	0.2, 0.9	0.0 <sup>e</sup>	0.0, 0.1	
		AG	2.0	1.5, 2.6	0.1	0.0, 0.3	14.9	13.1, 16.8	1.0	0.6, 1.8	<0.001
		GG	98.0	97.4, 98.4	99.9	99.7, 100.0	84.7	82.8, 86.5	99.0	98.2, 99.4	
rs1801280	C	38.9	37.8, 40.0	42.1	40.9, 43.3	29.3	27.7, 30.9	32.4	29.5, 35.3	<0.001	
	CC	15.7	14.5, 16.8	17.5	15.9, 19.2	9.1	7.8, 10.7	10.1	7.9, 12.9		
	CT	46.5	44.7, 48.2	49.3	47.4, 51.3	40.3	37.5, 43.1	44.4	41.5, 47.4	<0.001	
	TT	37.9	36.2, 39.6	33.2	31.8, 34.7	50.6	48.0, 53.3	45.4	41.6, 49.3		

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	%	Total <sup>c</sup>	Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
				%	95% CI	%	95% CI	%	95% CI	%	
<i>NOS2A</i>	rs1800482	C	1.0	0.7, 1.3	0.1	0.0, 0.1	6.3	5.0, 7.8	0.3 <sup>e</sup>	0.1, 0.7	<0.001
		CC	0.1	0.0, 0.1	0.0	NA	0.5	0.3, 1.0	0.1 <sup>e</sup>	0.0, 0.7	
		CG	1.8	1.3, 2.5	0.1	0.0, 0.3	11.5	9.2, 14.2	0.4	0.2, 0.9	<0.001
		GG	98.2	97.5, 98.7	99.9	99.7, 100.0	88.0	85.1, 90.4	99.5	98.9, 99.8	
	rs9282799	T	0.7	0.5, 0.9	0.0	0.0, 0.1	4.5	3.9, 5.1	0.4	0.2, 0.7	<0.001
		CC	98.7	98.2, 99.1	99.9	99.7, 100.0	91.2	90.1, 92.3	99.2	98.5, 99.6	
		CT	1.3	0.9, 1.8	0.1	0.0, 0.3	8.5	7.5, 9.6	0.8	0.4, 1.5	<0.001
TT	0.0	0.0, 0.1	0.0	NA	0.2	0.1, 0.6	0.0	NA			
<i>NOS3</i>	rs1799983	T	28.5	27.4, 29.7	32.5	30.7, 34.4	13.1	11.7, 14.7	19.6	17.7, 21.6	<0.001
		GG	51.5	49.4, 53.6	45.5	42.4, 48.6	74.9	71.8, 77.7	65.0	61.6, 68.2	
		GT	39.9	37.6, 42.2	43.9	40.8, 47.1	24.0	21.2, 27.1	30.8	27.9, 33.9	<0.001
		TT	8.6	7.7, 9.7	10.6	9.2, 12.1	1.1	0.7, 1.6	4.2	3.2, 5.4	
	rs2070744	C	34.2	32.2, 36.3	39.1	37.1, 41.1	15.1	13.8, 16.5	25.1	22.9, 27.5	<0.001
		CC	12.6	11.1, 14.2	15.3	13.5, 17.3	1.6	1.2, 2.0	7.3	6.0, 8.8	
		CT	43.3	40.8, 45.8	47.6	45.3, 49.9	27.2	24.6, 29.9	35.7	32.3, 39.2	<0.001
TT	44.1	41.1, 47.2	37.1	34.5, 39.8	71.3	68.5, 73.8	57.0	53.2, 60.8			
<i>NQO1</i>	rs10517	T	13.6	12.3, 14.9	13.2	12.1, 14.3	13.9	12.5, 15.4	6.5	5.1, 8.3	<0.001
		CC	75.0	73.0, 77.0	75.5	73.5, 77.3	73.9	71.4, 76.3	87.2	83.8, 90.0	
		CT	22.9	21.4, 24.4	22.8	21.0, 24.7	24.3	22.2, 26.6	12.6	9.8, 16.0	0.001
		TT	2.1	1.5, 3.0	1.8	1.2, 2.6	1.7	1.1, 2.7	0.2	0.1, 0.5	
	rs1800566	T	21.5	19.8, 23.2	19.4	17.6, 21.3	18.8	17.7, 20.0	36.8	34.9, 38.8	<0.001
		CC	61.8	58.8, 64.7	64.7	61.2, 68.0	65.8	64.1, 67.5	40.4	37.5, 43.4	
		CT	33.4	30.8, 36.2	31.8	28.7, 35.1	30.7	29.1, 32.3	45.6	42.8, 48.4	<0.001
		TT	4.8	4.1, 5.6	3.5	2.8, 4.3	3.5	2.7, 4.6	14.0	12.4, 15.8	
	rs34755915	A	1.4	1.1, 1.8	1.8	1.5, 2.3	0.4	0.2, 0.8	0.5	0.3, 0.9	<0.001
		AA	0.0	0.0, 0.3	0.0	0.0, 0.4	0.0	NA	0.0	NA	
		AG	2.8	2.2, 3.5	3.5	2.9, 4.4	0.8	0.4, 1.6	1.1	0.6, 1.8	<0.001
		GG	97.2	96.5, 97.8	96.4	95.6, 97.1	99.2	98.4, 99.6	98.9	98.2, 99.4	
rs689452	G	12.5	11.4, 13.7	11.9	11.0, 12.9	13.7	12.3, 15.3	6.3	4.9, 8.2	<0.001	
	CC	76.6	74.8, 78.4	77.5	75.7, 79.3	74.2	71.7, 76.6	87.5	83.9, 90.4	<0.001	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
	rs689453	CG	21.6	20.2, 23.2	21.1	19.4, 23.0	24.1	21.9, 26.4	12.3	9.4, 15.8	<0.001
		GG	1.7	1.2, 2.5	1.3	0.9, 2.0	1.7	1.1, 2.6	0.2	0.1, 0.5	
		A	7.0	6.1, 8.1	7.9	6.7, 9.2	5.1	4.2, 6.2	5.2	3.8, 7.0	
		AA	0.4	0.2, 0.9	0.5	0.2, 1.1	0.4	0.1, 1.1	0.6	0.3, 1.3	
		AG	13.2	11.4, 15.1	14.7	12.7, 17.0	9.5	7.5, 11.9	9.2	7.1, 12.0	
		GG	86.4	84.4, 88.2	84.8	82.4, 86.9	90.2	87.9, 92.1	90.2	87.0, 92.6	
<i>OGGI</i>	rs1052133	G	23.0	21.3, 24.7	21.5	19.5, 23.5	16.4	15.2, 17.8	33.0	30.8, 35.2	<0.001
		CC	59.6	56.8, 62.4	61.3	57.9, 64.6	69.6	67.3, 71.8	44.3	40.8, 47.8	<0.001
		CG	34.8	32.5, 37.1	34.4	31.5, 37.5	28.0	25.8, 30.3	45.5	42.6, 48.4	
		GG	5.6	4.7, 6.6	4.3	3.3, 5.5	2.5	1.6, 3.7	10.2	9.0, 11.6	
<i>PONI</i>	rs662	G	38.5	36.4, 40.6	31.5	29.7, 33.2	67.1	65.4, 68.8	46.5	45.0, 48.1	
		AA	40.0	37.3, 42.8	47.3	44.4, 50.3	11.3	9.9, 12.8	28.6	25.4, 32.1	<0.001
		AG	43.0	40.8, 45.2	42.4	39.4, 45.4	43.2	41.5, 44.9	49.6	45.4, 53.9	
	GG	17.0	15.2, 19.0	10.3	9.0, 11.7	45.5	43.3, 47.7	21.7	20.1, 23.4		
	rs854560	A	31.5	29.4, 33.6	35.6	33.6, 37.7	17.9	16.5, 19.3	23.0	21.3, 24.8	<0.001
		AA	11.1	10.0, 12.2	13.5	12.2, 14.9	2.9	2.3, 3.7	5.0	4.0, 6.1	<0.001
		AT	40.8	38.2, 43.5	44.3	41.4, 47.2	30.0	27.7, 32.3	36.1	33.2, 39.2	
TT		48.1	44.8, 51.5	42.2	39.0, 45.6	67.1	64.6, 69.5	58.9	55.8, 61.9		
<i>PPARG</i>	rs1801282	G	11.6	10.6, 12.7	13.2	12.2, 14.3	2.5	1.9, 3.4	12.4	11.4, 13.4	
		CC	78.5	76.6, 80.3	75.8	73.9, 77.6	95.0	93.3, 96.3	76.7	75.0, 78.3	<0.001
		CG	19.7	18.0, 21.5	22.0	20.2, 23.9	4.9	3.7, 6.6	21.8	20.4, 23.4	
		GG	1.8	1.3, 2.4	2.2	1.6, 3.0	0.0	0.0, 0.4	1.5	1.0, 2.2	
<i>SERPINE1</i>	rs1799762 <sup>f</sup>	4G	47.9	46.0, 49.8	52.5	50.8, 54.3	26.7	25.0, 28.4	34.0	31.5, 36.6	
		4G/4G	24.0	22.4, 25.6	27.7	25.8, 29.6	6.6	5.3, 8.3	11.9	9.5, 14.9	<0.001
		4G/5G	47.8	46.1, 49.6	49.7	47.8, 51.7	40.1	37.8, 42.5	44.2	41.9, 46.5	
		5G/5G	28.2	25.8, 30.7	22.6	20.6, 24.7	53.3	50.8, 55.7	43.9	41.0, 46.9	
<i>TGFBI</i>	rs1982073	C	40.4	38.9, 41.9	38.5	36.8, 40.2	44.0	42.3, 45.7	50.3	48.4, 52.1	
		CC	17.8	16.4, 19.3	16.3	14.5, 18.3	19.9	18.2, 21.8	26.8	24.9, 28.7	<0.001

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	
		CT	45.2	43.8, 46.6	44.4	42.4, 46.4	48.1	45.6, 50.6	47.0	45.0, 49.0	
		TT	37.0	35.2, 38.8	39.3	37.2, 41.5	32.0	29.7, 34.4	26.2	24.0, 28.6	
<i>TLR4</i>	rs4986790	G	6.4	5.8, 7.0	6.8	6.2, 7.5	7.5	6.8, 8.2	2.5	1.8, 3.3	<0.001
		AA	87.7	86.5, 88.9	86.9	85.7, 88.1	85.7	84.3, 87.0	95.1	93.5, 96.4	
		AG	11.8	10.7, 13.1	12.5	11.3, 13.8	13.7	12.3, 15.2	4.8	3.6, 6.5	<0.001
		GG	0.5	0.3, 0.8	0.5	0.3, 1.0	0.6	0.3, 1.2	0.0	0.0, 0.2	
<i>TNF</i>	rs1800629	A	15.3	14.0, 16.8	17.2	15.6, 19.0	13.1	11.9, 14.5	7.3	5.9, 9.1	<0.001
		AA	2.4	1.8, 3.2	2.9	2.1, 4.0	1.8	1.3, 2.5	0.5	0.3, 0.8	
		AG	25.9	23.7, 28.2	28.7	26.1, 31.5	22.7	20.8, 24.6	13.6	10.8, 16.9	<0.001
		GG	71.7	69.2, 74.1	68.4	65.4, 71.3	75.5	73.2, 77.7	85.9	82.5, 88.7	
	rs1800750	A	1.6	1.2, 2.1	1.3 <sup>e</sup>	0.9, 2.0	2.3	1.9, 2.9	2.5	2.1, 2.9	0.07
		AA	0.1	0.0, 0.2	0.1 <sup>e</sup>	0.0, 0.2	0.1	0.0, 0.3	0.0	NA	
		AG	3.0	2.3, 4.1	2.5	1.6, 3.9	4.5	3.6, 5.6	5.0	4.3, 5.7	<0.001
		GG	96.9	95.8, 97.7	97.4	96.0, 98.3	95.4	94.3, 96.3	95.0	94.3, 95.7	
	rs361525	A	5.5	4.9, 6.2	5.8	5.0, 6.6	4.1	3.3, 5.2	5.8	5.2, 6.5	0.05
		AA	0.5	0.4, 0.8	0.7	0.4, 1.1	0.1	0.0, 0.6	0.2	0.1, 0.5	
AG		10.0	8.8, 11.2	10.1	8.9, 11.4	8.0	6.4, 9.8	11.2	9.9, 12.6	0.022	
GG		89.5	88.2, 90.7	89.2	87.7, 90.5	91.9	89.9, 93.5	88.6	87.2, 89.8		
<i>VDR</i>	rs2239185	C	49.3	47.4, 51.1	47.8 <sup>e</sup>	45.2, 50.5	42.9	41.2, 44.6	58.2	55.1, 61.3	<0.001
		CC	26.5	23.8, 29.3	25.5 <sup>e</sup>	22.0, 29.3	18.2	16.3, 20.3	34.1	31.0, 37.4	
		CT	45.6	42.8, 48.4	44.7	41.5, 48.0	49.4	46.3, 52.5	48.2	46.0, 50.4	<0.001
		TT	27.9	26.2, 29.8	29.8	27.4, 32.4	32.4	29.8, 35.0	17.7	14.6, 21.3	
	rs731236	C	34.5	32.9, 36.0	38.1	36.0, 40.3	28.2	26.8, 29.6	23.8	21.6, 26.1	<0.001
		CC	13.0	11.8, 14.2	15.6	14.1, 17.1	7.2	6.2, 8.4	4.9	3.7, 6.5	
		CT	43.0	40.9, 45.1	45.1	42.5, 47.7	41.9	39.7, 44.1	37.8	35.3, 40.3	<0.001
		TT	44.1	41.7, 46.4	39.4	36.2, 42.7	50.8	48.6, 53.1	57.3	53.9, 60.6	
<i>XRCC1</i>	rs1001581	A	38.9	37.5, 40.3	39.9	38.0, 41.9	36.7	34.9, 38.5	30.2	27.8, 32.7	<0.001
		AA	14.9	13.6, 16.3	15.3	13.6, 17.3	14.6	13.1, 16.2	9.2	7.6, 10.9	<0.001
		AG	47.9	45.6, 50.2	49.2	46.0, 52.4	44.2	41.7, 46.7	42.1	38.8, 45.4	

Gene symbol	Variant (dbSNP ID) <sup>a</sup>	Minor Allele <sup>b</sup> /All Genotypes	Total <sup>c</sup>		Non-Hispanic white		Non-Hispanic black		Mexican- American		P value <sup>d</sup>	
			%	95% CI	%	95% CI	%	95% CI	%	95% CI		
rs1799782		GG	37.2	35.0, 39.4	35.5	32.5, 38.5	41.2	38.6, 43.9	48.8	44.9, 52.6	<0.001	
		T	7.0	6.4, 7.7	5.0	4.3, 5.6	6.2	5.3, 7.1	14.8	13.3, 16.4		
		CC	86.7	85.6, 87.7	90.4	89.1, 91.6	88.2	86.6, 89.6	73.0	70.7, 75.1		
		CT	12.6	11.6, 13.7	9.3	8.1, 10.6	11.3	10.0, 12.6	24.4	23.0, 25.9		<0.001
		TT	0.7	0.5, 1.1	0.3	0.1, 0.8	0.5	0.2, 1.3	2.6	1.8, 3.8		
rs25486		G	33.6	32.4, 34.9	36.0	34.2, 37.8	24.1	22.1, 26.3	25.8	24.0, 27.6	<0.001	
		AA	44.0	41.8, 46.2	40.6	37.4, 43.8	57.9	54.9, 60.8	55.3	52.3, 58.3		
		AG	44.7	42.1, 47.2	46.9	43.3, 50.5	35.9	33.7, 38.3	37.8	35.4, 40.3	<0.001	
rs25487		GG	11.3	10.1, 12.6	12.5	11.0, 14.3	6.2	4.7, 8.0	6.9	6.0, 7.9	<0.001	
		A	32.6	31.2, 34.1	36.1	34.3, 37.9	15.9	14.4, 17.5	25.6	23.9, 27.5		
		AA	11.0	9.8, 12.4	12.7	11.1, 14.4	2.8	2.0, 4.1	6.8	5.8, 7.8		
		AG	43.3	40.6, 46.0	46.9	43.3, 50.5	26.1	24.2, 28.2	37.7	35.3, 40.2		<0.001
rs25489		GG	45.7	43.2, 48.2	40.5	37.3, 43.7	71.0	68.6, 73.4	55.5	52.6, 58.4	<0.001	
		A	4.7	4.0, 5.4	4.0	3.3, 4.8	3.5	2.9, 4.2	12.4	10.8, 14.2		
		AA	0.2	0.2, 0.4	0.1	0.0, 0.3	0.2	0.1, 0.4	1.6	1.3, 2.1		
		AG	8.8	7.6, 10.2	7.8	6.4, 9.4	6.5	5.2, 8.0	21.6	18.8, 24.6		<0.001
		GG	90.9	89.6, 92.1	92.2	90.5, 93.5	93.3	91.8, 94.5	76.8	73.5, 79.8		

CI, confidence interval; NA, not applicable.

<sup>a</sup> Unique identifier in the Entrez SNP (single-nucleotide polymorphism) database at the National Center for Biotechnology Information (<http://www.ncbi.nlm.nih.gov/projects/SNP/>).

<sup>b</sup> Minor allele determined by frequency in the total US population.

<sup>c</sup> Includes the "other" race/ethnicity category.

<sup>d</sup> "other" race/ethnicity category was not included in chi-square tests.

<sup>e</sup> Variant deviates from Hardy-Weinberg proportions in race/ethnic group at  $P < 0.01$  in an unweighted chi-square goodness-of-fit test.

<sup>f</sup> Variant also known as rs1799768 and rs1799889.