

Appendix 6. Weighted Genotype Prevalence in the US population, by Race/Ethnicity and by Age, Third National Health and Nutrition Examination Survey (NHANES III), Phase 2 (1991–1994)

Gene symbol	Variant (dbSNP ID)*	Genotype	Non-Hispanic white										Non-Hispanic black										Mexican-American									
			Age (years)										Age (years)										Age (years)									
			12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60							
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI						
ABCB1	rs1045642	CC	25.8	19.5, 33.4	26.5	21.8, 31.7	21.2	17.8, 25.1	24.2	21.1, 27.6	61.1	56.4, 65.6	62.6	57.2, 67.6	65.4	61.0, 69.5	64.6	56.3, 72.1	30.4	23.6, 38.2	28.9	25.8, 32.2	35.8	29.8, 42.2	29.1	23.0, 36.0						
		CT	47.8	42.6, 53.1	46.2	41.7, 50.8	52.0	48.0, 55.9	45.8	42.5, 49.3	34.7	30.0, 39.7	31.9	27.1, 37.0	28.9	24.5, 33.6	31.3	24.5, 39.2	46.1	41.1, 51.1	51.7	48.2, 55.2	44.9	39.7, 50.2	52.5	46.1, 58.9						
		TT	26.3	20.4, 33.2	27.3	22.5, 32.8	26.8	23.6, 30.2	30.0	26.6, 33.5	4.2	2.4, 7.3	5.6	4.2, 7.4	5.8	3.9, 8.5	4.1	2.6, 6.4	23.5	15.8, 33.5	19.4	17.7, 21.2	19.4	15.7, 23.7	18.4	12.6, 26.0						
ACE	rs4646994	DD	33.4	26.9, 40.5	26.4	21.7, 31.8	29.3	24.2, 34.9	29.5	25.6, 33.8	36.5	30.5, 43.0	32.8	29.4, 36.3	33.8	29.1, 38.9	33.5	29.1, 38.1	20.2	15.6, 25.7	21.9	18.0, 26.4	19.7	15.2, 25.1	16.9	15.0, 19.0						
		DI	48.0	37.0, 59.1	52.8	46.1, 59.5	52.0	45.6, 58.4	50.8	46.4, 55.3	49.7	42.4, 57.0	51.1	48.2, 54.1	48.5	44.1, 53.0	47.8	40.5, 55.1	53.1	48.6, 57.6	50.6	46.7, 54.6	53.3	47.2, 59.3	53.6	46.9, 60.1						
		II	18.7	12.5, 27.0	20.7	17.0, 25.0	18.7	14.6, 23.6	19.6	16.6, 23.0	13.8	10.3, 18.3	16.1	13.2, 19.4	17.6	14.6, 21.0	18.8	14.1, 24.5	26.8	21.6, 32.7	27.5	23.8, 31.5	27.0	21.3, 33.6	29.5	23.3, 36.5						
ADH1B	rs1229984	AA	0.4	0.1, 3.1	0.2	0.0, 1.5	0.0	NA	0.2	0.1, 0.7	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.1	0.0, 0.7	0.1	0.0, 0.7	0.0	NA	0.2	0.0, 1.4						
		AG	11.4	7.9, 16.2	8.2	6.3, 10.5	8.5	5.8, 12.2	9.8	7.7, 12.4	2.4	1.4, 4.2	2.9	1.3, 6.1	3.5	1.6, 7.8	1.1	0.3, 4.0	11.9	9.2, 15.2	10.1	7.9, 12.9	10.7	7.8, 14.5	12.0	7.9, 17.9						
		GG	88.2	82.8, 92.1	91.7	89.3, 93.5	91.5	87.8, 94.2	90.0	87.5, 92.0	97.6	95.8, 98.6	97.1	93.9, 98.7	96.5	92.2, 98.4	98.9	96.0, 99.7	88.0	84.7, 90.7	89.8	87.1, 91.9	89.3	85.5, 92.2	87.8	82.0, 91.9						
	rs17033	AA	86.9	81.6, 90.8	83.7	80.8, 86.2	81.6	78.4, 84.4	85.4	82.0, 88.2	89.6	86.2, 92.3	85.7	82.0, 88.7	87.4	82.9, 90.8	86.0	79.5, 90.6	50.7	44.8, 56.7	50.1	45.6, 56.6	46.2	43.2, 49.2	48.9	41.7, 56.1						
		AG	12.9	9.1, 17.8	15.7	12.9, 18.9	17.3	14.6, 20.4	13.9	11.4, 16.9	9.1	6.9, 12.0	13.9	10.9, 17.5	12.6	9.2, 17.1	12.5	8.2, 18.6	38.1	31.5, 45.2	41.6	37.1, 46.3	43.9	40.1, 47.7	41.0	35.7, 46.5						
		GG	0.2	0.0, 1.9	0.7	0.2, 2.5	1.1	0.5, 2.5	0.7	0.3, 1.8	1.2	0.4, 3.7	0.4	0.2, 1.3	0.0	NA	1.5	0.4, 6.4	11.1	8.1, 15.1	8.3	6.0, 11.2	9.9	7.2, 13.6	10.1	6.5, 15.4						
	rs2066702	CC	100.0	NA	98.9	97.1, 99.6	99.3	98.0, 99.8	99.2	98.4, 99.6	62.0	58.0, 65.8	63.0	59.2, 66.5	66.7	62.8, 70.4	64.8	55.8, 72.9	97.6	93.1, 99.2	98.6	97.6, 99.2	98.3	96.1, 99.3	98.1	96.4, 99.0						
		CT	0.0	NA	1.1	0.4, 2.9	0.7	0.2, 2.0	0.8	0.4, 1.6	34.7	31.0, 38.6	33.3	30.0, 36.8	28.8	24.1, 34.0	30.8	23.1, 39.7	2.4	0.8, 6.9	1.4	0.8, 2.4	1.7	0.7, 3.9	1.9	1.0, 3.6						
		TT	0.0	NA	0.0	NA	0.0	NA	0.0	NA	3.4	1.6, 7.1	3.7	2.4, 5.7	4.5	2.7, 7.2	4.4	2.0, 9.2	0.0	NA	0.0	NA	0.0	NA	0.0	NA						
	ADH1C	rs1693482	AA	19.0	12.5, 27.8	14.6	12.3, 17.3	16.2	12.9, 20.2	14.2	11.7, 17.2	2.1	0.9, 5.1	2.0	1.2, 3.1	2.3	1.1, 4.9	3.3	1.6, 6.7	11.7	8.7, 15.7	11.2	9.0, 13.7	10.8	7.8, 14.6	10.4	6.9, 15.4					
			AG	45.8	39.2, 52.5	47.3	42.9, 51.8	43.5	39.1, 47.9	46.7	42.8, 50.6	22.6	18.2, 27.7	24.7	21.3, 28.4	25.3	21.0, 30.2	25.3	19.8, 31.7	44.1	38.8, 49.5	46.2	41.8, 50.7	47.4	42.8, 52.0	45.3	39.5, 51.2					
			GG	35.2	28.1, 43.1	38.1	32.4, 44.0	40.3	33.9, 47.0	39.1	35.8, 42.5	75.2	69.8, 79.9	73.4	69.5, 76.8	72.4	67.3, 76.9	71.4	64.5, 77.4	44.2	38.7, 49.9	42.6	38.8, 46.5	41.8	37.2, 46.6	44.3	37.4, 51.4					
rs698		AA	33.9	26.3, 42.4	36.7	31.8, 41.9	38.8	32.1, 45.9	38.5	35.3, 41.8	74.5	69.1, 79.2	73.2	69.3, 76.8	71.5	66.2, 76.2	70.3	63.4, 76.3	52.9	47.2, 58.6	48.4	45.0, 51.9	47.7	43.8, 51.5	48.6	41.4, 55.9						
		AG	46.9	39.1, 54.7	47.8	43.8, 51.8	44.4	39.7, 49.2	46.4	42.8, 50.0	22.9	18.6, 27.8	24.8	21.3, 28.7	26.0	21.3, 31.3	26.5	20.9, 32.9	35.3	30.5, 40.5	39.7	35.7, 43.9	41.5	38.8, 44.3	41.4	34.9, 48.3						
		GG	19.3	12.6, 28.3	15.5	12.9, 18.6	16.8	13.6, 20.5	15.1	12.6, 17.9	2.6	1.2, 5.6	1.9	1.2, 3.1	2.5	1.1, 5.7	3.3	1.6, 6.6	11.7	8.5, 16.0	11.9	9.9, 14.2	10.8	8.0, 14.6	10.0	6.9, 14.2						
ADRB1	rs1801252	AA	76.0	66.5, 83.5	75.4	71.5, 78.8	76.8	71.7, 81.3	74.9	71.7, 77.9	60.5	55.3, 65.5	60.0	56.8, 63.2	58.3	53.6, 62.8	64.6	58.2, 70.6	50.5	42.7, 58.3	51.3	47.0, 55.7	53.3	49.8, 56.7	54.2	44.3, 63.8						
		AG	21.8	15.4, 29.9	22.1	18.9, 25.8	21.8	17.5, 26.7	22.2	19.1, 25.8	34.8	30.0, 40.0	33.8	29.7, 38.1	36.4	31.9, 41.0	32.4	26.4, 39.0	40.0	33.2, 47.2	41.0	37.3, 44.9	39.6	35.9, 43.4	38.4	29.8, 47.8						
		GG	2.2	0.7, 6.4	2.5	1.1, 5.7	1.4	0.7, 2.9	2.8	2.2, 3.6	4.7	2.9, 7.5	6.2	4.3, 8.8	5.3	3.6, 7.8	3.0	1.8, 4.9	9.4	7.0, 12.7	7.6	6.3, 9.1	7.2	5.2, 9.8	7.4	4.7, 11.6						
ADRB2	rs1042713	AA	18.1	13.8, 23.3	15.6	11.9, 20.1	15.9	12.6, 20.0	14.1	12.2, 16.2	24.6	19.4, 30.6	25.0	22.6, 27.5	25.5	20.2, 31.6	24.8	20.5, 29.8	17.3	12.7, 23.2	13.9	12.4, 15.5	18.3	15.2, 21.8	14.9	11.0, 20.0						
		AG	44.6	37.5, 52.0	47.1	42.0, 52.3	45.4	41.3, 49.5	47.8	45.3, 50.2	46.5	41.3, 51.8	49.0	45.7, 52.4	52.2	47.4, 56.9	49.0	43.8, 54.2	54.1	48.9, 59.2	54.5	50.7, 58.2	46.2	40.1, 52.5	50.4	43.8, 57.0						
		GG	37.3	30.6, 44.5	37.3	32.2, 42.7	38.7	34.4, 43.3	38.2	34.8, 41.7	29.0	22.3, 36.6	26.0	22.7, 29.6	22.3	18.0, 27.4	26.2	20.6, 32.7	28.6	24.9, 32.6	31.6	27.9, 35.6	35.5	31.1, 40.2	34.6	28.5, 41.4						
	rs1042714	CC	35.9	30.2, 41.9	36.8	32.9, 40.9	31.4	26.4, 36.9	33.8	31.0, 36.8	64.5	59.6, 69.1	69.4	64.5, 74.0	66.7	61.4, 71.6	67.6	60.8, 73.7	63.2	54.1, 71.5	60.1	56.7, 63.4	63.3	55.3, 70.7	59.7	49.8, 68.9						
		CG	43.6	37.7, 49.7	45.3	41.7, 49.0	49.4	44.4, 54.3	49.7	46.2, 53.3	31.1	26.1, 36.6	26.5	22.2, 31.4	29.8	25.1, 34.9	30.6	24.2, 37.9	33.0	26.3, 40.6	36.2	33.3, 39.2	32.6	26.3, 39.6	34.2	26.9, 42.2						
		GG	20.6	15.5, 26.7	17.9	15.5, 20.5	19.2	14.7, 24.8	16.5	14.1, 19.0	4.4	2.5, 7.6	4.0	2.7, 6.0	3.5	2.3, 5.4	1.8	0.7, 4.2	3.7	1.6, 8.4	3.7	2.4, 5.6	4.1	2.6, 6.4	6.1	3.6, 10.1						
ADRB3	rs4994	CC	0.4	0.0, 3.2	0.6	0.2, 1.5	0.9	0.3, 2.4	0.5	0.2, 1.2	0.8	0.4, 1.3	1.6	0.8, 3.2	2.4	1.0, 5.6	0.2	0.0, 1.4	4.1	2.4, 7.0	2.4	1.5, 3.7	2.4	1.3, 4.3	2.4	1.5, 3.9						
		CT	11.2	6.5, 18.7	12.9	9.8, 16.8	13.2	9.6, 17.9	11.5	10.1, 13.2	20.8	16.4, 26.1	20.0	16.9, 23.6	20.4	16.1, 25.4	21.7	18.1, 25.7	31.4	25.7, 37.8	26.4	21.9, 31.5	28.2	25.1, 31.6	25.3	20.5, 30.8						
		TT	88.4	80.6, 93.3	86.6	82.6, 89.8	85.9	81.0, 89.7	87.9	86.3, 89.4	78.4	73.0, 83.0	78.4	74.3, 82.0	77.3	72.6, 81.3	78.2	74.3, 81.6	64.5	58.8, 69.7	71.2	65.9, 76.0	69.4	66.6, 72.0	72.3	66.6, 77.3						
ALAD	rs1800435	CC	0.8	0.2, 3.5	0.5	0.1, 2.5	0.5	0.2, 1.4	0.6	0.2, 1.9	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.4	0.1, 3.5	0.3	0.1, 1.1	0.2	0.0, 1.5	0.0	NA						
		CG	16.2	10.9, 23.4	12.6	10.3, 15.4	17.0	13.3, 21.6	15.9	12.9, 19.5	2.3	1.3, 4.1	3.1	2.0, 4.9	2.1	1.2, 3.8	2.7	1.3, 5.6	8.2	5.1, 12.9	9.1	6.8, 12.1	8.4	5.6, 12.3	5.3	3.2, 8.6						
		GG	82.9	75.5, 88.5	86.9	84.0, 89.3	82.5	77.7, 86.4	83.5	79.8, 86.6	97.7	95.9, 98.7	96.9	95.1, 98.0	97.9	96.2, 98.8	97.3	94.4, 98.7	91.4	87.1, 94.3	90.6	87.7, 92.9	91.4	87.5, 94.2	94.7	91.4, 96.8						
B9D2	rs1800468	AA	0.4	0.0, 3.5	0.5	0.1, 1.7	0.5	0.1, 2.6	0.5	0.2, 1.2	0.0	NA	0.2	0.1, 1.0	0.0	NA	0.0	NA	0.0	NA	0.											

Gene symbol	Variant (dbSNP ID)*	Genotype	Non-Hispanic white								Non-Hispanic black								Mexican-American							
			Age (years)								Age (years)								Age (years)							
			12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60	
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
CAT	rs769214	AA	44.8	37.2, 52.7	43.8	36.7, 51.2	41.6	33.9, 49.7	45.2	42.5, 47.9	31.8	27.1, 36.8	34.9	31.9, 37.9	36.7	31.6, 42.2	36.8	30.1, 44.1	23.6	17.6, 30.8	23.6	20.0, 27.5	24.6	19.5, 30.4	25.9	19.8, 33.2
		AG	46.1	40.8, 51.5	44.0	37.5, 50.8	46.9	41.1, 52.7	43.8	41.1, 46.5	53.0	46.0, 59.8	46.7	43.0, 50.5	47.7	42.5, 52.9	42.6	36.0, 49.6	55.9	47.8, 63.7	52.1	46.4, 57.7	47.0	40.4, 53.8	48.3	42.0, 54.7
		GG	9.1	5.2, 15.4	12.2	9.4, 15.6	11.6	7.5, 17.3	11.1	9.5, 12.8	15.2	11.9, 19.3	18.4	15.0, 22.4	15.6	12.2, 19.6	20.5	15.8, 26.2	20.5	17.1, 24.4	24.3	21.2, 27.8	28.0	23.2, 34.3	25.7	21.9, 30.0
CBS	844ins68bp	++	1.2	0.3, 4.5	0.4	0.2, 1.2	0.2	0.0, 0.9	0.5	0.2, 1.1	8.5	5.8, 12.4	6.3	4.1, 9.7	6.2	4.4, 8.6	6.7	4.7, 9.6	0.1	0.0, 0.7	0.5	0.2, 1.3	0.4	0.1, 3.2	0.0	NA
		+ -	14.9	11.4, 19.1	15.7	12.7, 19.2	16.2	11.5, 22.4	13.7	11.3, 16.4	38.2	32.7, 44.1	39.4	35.7, 43.3	37.7	32.4, 43.4	35.7	29.4, 42.6	15.9	12.0, 20.8	10.8	9.2, 12.6	10.3	7.9, 13.2	13.0	9.3, 18.0
		--	83.9	79.2, 87.8	83.9	80.3, 87.0	83.6	77.5, 88.3	85.9	83.2, 88.2	53.3	46.2, 60.2	54.3	50.4, 58.1	56.1	50.2, 61.8	57.5	50.6, 64.2	84.0	79.1, 87.9	88.7	87.1, 90.1	89.3	86.2, 91.8	87.0	82.0, 90.7
CCL5	rs2280788*	CC	95.9	90.4, 98.3	93.1	91.4, 94.4	95.1	93.0, 96.6	95.7	94.1, 96.9	98.9	97.2, 99.6	98.5	96.8, 99.3	98.5	96.1, 99.4	99.4	97.4, 99.9	96.3	92.5, 98.2	97.8	96.4, 98.7	97.3	95.9, 98.2	97.7	95.1, 99.0
		CG	4.1	1.7, 9.6	6.7	5.4, 8.3	4.7	3.2, 7.0	4.0	3.0, 5.4	1.1	0.4, 2.8	1.5	0.7, 3.2	1.5	0.6, 3.9	0.6	0.1, 2.6	3.7	1.8, 7.5	2.2	1.3, 3.6	2.7	1.8, 4.1	2.3	1.0, 4.9
		GG	0.0	NA	0.2	0.0, 0.8	0.2	0.0, 1.0	0.2	0.1, 0.9	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
CCR2	rs1799864	AA	0.4	0.1, 2.3	1.5	0.6, 3.9	1.2	0.5, 3.0	1.1	0.5, 2.8	1.2	0.4, 3.7	2.0	1.3, 3.1	1.4	0.5, 3.9	1.7	0.8, 3.4	3.5	2.0, 6.1	5.1	3.5, 7.4	4.9	2.3, 10.0	3.0	1.4, 6.4
		AG	19.8	15.0, 25.6	15.8	12.4, 19.9	15.8	12.6, 19.5	17.0	14.6, 19.8	25.6	21.9, 29.8	26.5	23.8, 29.4	23.6	19.7, 28.1	26.9	21.5, 32.9	32.0	25.2, 39.7	37.1	34.6, 39.8	32.0	27.0, 37.4	29.3	22.8, 36.9
		GG	79.8	73.7, 84.7	82.7	78.5, 86.2	83.0	79.0, 86.4	81.8	78.7, 84.6	73.2	69.0, 77.0	71.5	68.6, 74.2	75.0	70.2, 79.1	71.5	65.3, 77.0	64.5	56.8, 71.5	57.8	54.5, 61.0	63.1	58.9, 67.2	67.6	60.0, 74.5
CXCL12	rs169097	CC	98.6	95.0, 99.6	99.8	98.8, 100.0	99.2	98.5, 99.6	99.6	98.7, 99.9	67.5	62.0, 72.6	68.2	62.6, 73.4	69.5	63.7, 74.8	68.0	61.6, 73.7	96.9	94.8, 98.2	98.2	96.3, 99.2	98.4	97.6, 99.0	99.1	98.0, 99.6
		CT	1.4	0.4, 5.0	0.2	0.0, 1.2	0.7	0.3, 1.5	0.4	0.1, 1.3	29.7	25.0, 34.9	28.0	23.6, 32.8	29.0	23.7, 35.0	30.8	25.3, 37.0	3.1	1.8, 5.2	1.8	0.8, 3.7	1.6	1.0, 2.4	0.9	0.4, 2.0
		TT	0.0	NA	0.0	NA	0.1	0.0, 0.5	0.0	NA	2.8	1.5, 5.1	3.8	2.4, 6.0	1.5	0.9, 2.5	NA	1.2	0.3, 4.0	0.0	NA	0.0	NA	0.0	NA	
CYP11A1	rs2472299	CC	54.1	45.5, 62.5	52.1	48.2, 55.9	52.9	49.6, 56.3	53.3	49.6, 56.9	40.6	35.7, 45.8	37.8	34.2, 41.7	36.1	30.5, 42.0	36.1	28.6, 44.3	53.5	46.8, 60.1	53.8	50.6, 57.0	56.4	48.6, 63.9	49.0	43.1, 55.0
		CT	37.2	29.9, 45.2	38.5	35.1, 42.1	37.4	33.5, 41.6	37.8	34.1, 41.6	48.8	43.8, 54.0	48.0	43.9, 52.2	46.5	41.6, 51.4	47.7	38.4, 57.2	38.1	32.4, 44.1	38.5	35.8, 41.3	38.2	30.5, 46.4	43.9	37.7, 50.3
		TT	8.7	6.1, 12.3	9.4	6.8, 12.8	9.6	7.2, 12.6	9.0	7.5, 10.7	10.5	7.8, 14.1	14.1	11.4, 17.5	17.5	13.6, 22.1	16.2	10.3, 24.5	8.4	4.8, 14.4	7.7	5.7, 10.2	5.5	3.6, 8.2	7.1	4.4, 11.1
	rs2606345	GG	12.8	8.9, 18.1	10.5	7.4, 14.6	12.3	9.2, 16.2	10.1	8.2, 12.4	71.7	66.1, 76.8	69.8	64.3, 74.7	74.9	67.7, 80.9	65.4	58.4, 71.8	38.4	31.0, 46.3	40.3	36.5, 44.2	35.6	27.6, 44.6	34.3	30.8, 38.0
		GT	45.7	36.9, 54.7	46.7	41.5, 51.9	41.5	37.9, 45.2	47.0	43.4, 50.6	25.2	20.2, 31.0	27.7	23.2, 32.7	22.6	17.4, 28.9	31.8	26.1, 38.2	45.2	38.0, 52.5	45.3	42.1, 48.5	50.7	41.5, 59.9	46.4	39.6, 53.3
TT	41.5	34.0, 49.4	42.9	38.2, 47.6	46.2	41.8, 50.7	42.9	39.7, 46.2	3.0	1.8, 5.2	2.5	1.4, 4.2	2.5	1.4, 4.5	2.8	0.9, 7.9	16.5	12.9, 20.8	14.4	11.9, 17.2	13.7	10.5, 17.6	19.3	13.8, 26.3		
CYP11A2	rs11854147	CC	52.2	44.3, 59.9	48.2	44.5, 51.9	49.2	45.8, 52.7	49.0	46.2, 51.8	6.3	4.4, 9.0	9.9	7.5, 13.1	7.8	5.3, 11.4	8.8	6.1, 12.5	15.1	9.9, 22.3	14.9	12.6, 17.6	22.1	15.3, 30.9	14.6	11.6, 18.1
		CT	36.8	29.8, 44.4	40.3	37.3, 43.4	38.6	35.4, 41.9	38.5	34.8, 42.2	36.9	30.2, 44.3	39.2	35.7, 42.7	36.3	32.1, 40.7	43.6	34.2, 53.5	44.2	37.5, 51.1	44.9	40.8, 49.0	42.2	36.3, 48.4	47.6	41.6, 53.6
		TT	11.0	7.5, 15.9	11.5	8.9, 14.7	12.2	9.4, 15.6	12.6	10.6, 14.9	56.7	48.4, 64.6	50.9	47.7, 54.1	55.9	52.1, 59.7	47.5	37.1, 58.2	40.7	35.9, 45.7	40.2	35.5, 45.1	35.6	27.7, 44.4	37.9	31.6, 44.6
	rs2069514	AA	0.2	0.0, 1.9	0.0	NA	0.4	0.0, 2.9	0.0	NA	8.8	6.0, 12.6	5.2	3.5, 7.7	7.5	5.5, 10.2	4.3	2.2, 8.2	14.4	9.0, 22.1	11.8	9.4, 14.8	10.5	6.6, 16.4	13.7	9.6, 19.1
		AG	3.5	1.2, 9.9	3.3	1.3, 8.2	1.7	0.9, 3.2	3.5	2.7, 4.7	43.6	37.7, 49.7	39.4	34.2, 44.8	39.4	34.3, 44.8	37.9	31.3, 44.9	40.3	31.9, 49.3	44.8	41.7, 48.1	43.9	39.2, 48.8	34.9	28.5, 41.9
	rs4886406	GG	96.2	90.0, 98.6	96.7	91.8, 98.7	97.9	96.7, 98.7	96.5	95.3, 97.3	47.7	42.1, 53.3	53.4	50.9, 59.9	53.1	47.9, 58.2	57.8	51.6, 63.8	45.3	35.3, 55.7	43.3	40.4, 46.3	45.5	39.2, 52.0	51.4	43.2, 59.6
		GT	7.9	4.9, 12.5	8.8	6.6, 11.6	8.4	5.6, 12.5	7.8	6.5, 9.4	9.0	7.0, 11.3	13.6	11.2, 16.4	17.1	12.9, 22.3	15.8	10.3, 23.5	7.8	5.7, 10.6	8.0	5.7, 11.1	5.0	3.3, 7.6	6.9	4.4, 10.7
TT	37.3	30.4, 44.7	39.4	36.5, 42.3	39.0	34.5, 43.7	38.9	35.3, 42.6	51.1	44.0, 58.1	47.1	43.5, 50.8	48.9	43.3, 54.6	51.1	42.9, 59.3	36.5	30.9, 42.5	39.0	36.3, 41.7	38.9	32.6, 45.6	41.2	37.0, 45.6		
TT	54.8	47.4, 62.0	51.8	48.5, 55.1	52.6	48.8, 56.3	53.3	49.7, 56.8	40.0	33.5, 46.9	39.3	35.4, 43.4	34.0	28.5, 40.0	33.1	26.5, 40.3	55.7	49.9, 61.4	53.0	49.7, 56.3	56.0	49.6, 62.3	51.8	47.2, 56.4		
CYP11B1	rs1056836	CC	27.1	21.5, 33.6	31.4	27.4, 35.7	29.1	24.7, 33.8	33.7	29.7, 38.0	6.2	3.7, 10.1	6.6	4.8, 9.1	5.2	3.4, 7.9	4.7	2.4, 9.2	56.2	51.4, 60.9	54.4	50.5, 58.3	55.2	49.6, 60.6	58.4	53.0, 63.6
		CG	48.6	41.9, 55.3	48.2	44.1, 52.3	48.3	44.3, 52.4	47.6	42.8, 52.5	40.2	34.6, 46.1	37.1	32.5, 41.8	37.5	33.9, 41.1	40.2	34.8, 46.0	33.9	29.1, 39.0	36.9	34.2, 39.6	37.9	32.4, 43.6	36.0	30.7, 41.8
		GG	24.3	17.0, 33.4	20.4	16.9, 24.3	22.6	18.3, 27.5	18.6	15.1, 22.7	53.6	48.1, 59.1	56.4	51.9, 60.7	57.3	53.0, 61.4	55.0	48.3, 61.6	9.9	7.3, 13.3	8.7	6.7, 11.4	7.0	4.8, 10.0	5.6	2.6, 11.6
	rs1056837	CC	27.0	21.2, 33.7	31.5	27.7, 35.6	29.1	24.9, 33.6	35.1	30.9, 39.5	7.8	5.2, 11.4	7.6	5.5, 10.4	6.9	4.8, 10.0	6.0	3.4, 10.4	57.5	53.2, 61.8	54.8	50.6, 58.8	56.0	50.5, 61.3	58.9	53.5, 64.1
		CT	48.0	41.9, 54.2	48.2	44.0, 52.3	48.3	44.5, 52.2	47.0	42.0, 52.1	43.5	39.3, 47.8	38.1	32.7, 43.8	39.8	35.1, 44.8	42.3	38.1, 46.6	32.0	27.4, 37.1	36.7	34.2, 39.2	36.0	30.7, 41.6	35.8	30.2, 41.7
	TT	25.0	18.0, 33.7	20.3	17.1, 24.0	22.6	18.3, 27.4	17.9	14.5, 21.9	48.7	44.3, 53.2	54.3	49.2, 59.3	53.2	47.8, 58.6	51.6	45.7, 57.5	10.4	7.6, 14.2	8.6	6.1, 11.9	8.1	5.8, 11.1	5.3	2.6, 10.6	
rs162557	CC	61.6	55.8, 67.2	60.6	56.9, 64.1	57.0	50.3, 63.5	58.3	54.9, 61.6	63.8	57.7, 69.5	61.0	56.2, 65.7	61.5	57.3, 65.6	57.9	52.8, 62.9	71.4	66.2, 76.1	76.8	73.0, 80.2	74.8	69.9, 79.2	80.8	75.7, 85.1	
	CT	35.3	29.4, 41.7	33.4	28.7, 38.4	36.6	31.2, 42.3	36.5	33.2, 40.0	31.8	26.1, 38.1	33.3	28.6, 38.4	34.8	30.4, 39.5	39.2	34.4, 44.3	25.9	21.5, 30.9	21.8	18.2, 26.0	23.1	19.0, 27.7	18.4	13.7, 24.1	
	TT	3.1	1.4, 6.4	6.0	3.9, 9.1	6.4	4.2, 9.7	5.2	3.7, 7.3	4.3	2.3, 7.9	5.6	3.8, 8.3	3.7	2.3, 5.8	2.9	1.5, 5.3	2.7	1.3, 5.5	1.3	0.8, 2.2	2.1	1.0, 4.5	0.8	0.2, 2.9	
CYP2A6	rs1801272*	AA	0.3	0.0, 2.4	0.1	0.0, 0.9	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
		AT	7.1	4.5, 10.8	5.9	4.5, 7.6	8.0	6.0, 10.6	4.7	3.2, 6.9	0.9	0.3, 2.4	0.8	0.4, 1.4	2.1	1.0, 4.5	1.4	0.4, 4.1	3.1	1.9, 4.9	4.6	3.0, 6.9	3.5	2.4, 5.0	3.4	1.5, 7.5
		TT	92.6	89.0,																						

Gene symbol	Variant (dbSNP ID)*	Genotype	Non-Hispanic white								Non-Hispanic black								Mexican-American									
			Age (years)								Age (years)								Age (years)									
			12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60			
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI		
CYP2E1	rs2031920	CC	95.5	92.7, 97.3	96.0	92.9, 97.8	95.7	93.3, 97.3	95.0	93.0, 96.5	98.6	97.0, 99.4	98.6	97.9, 99.1	98.3	96.3, 99.2	98.3	94.8, 99.5	82.1	79.3, 84.6	77.7	75.1, 80.2	82.2	76.7, 86.6	79.7	72.6, 85.3		
		CT	3.9	1.8, 8.4	4.0	2.2, 7.1	4.3	2.7, 6.7	4.7	3.3, 6.8	1.4	0.6, 3.0	1.4	0.9, 2.1	1.7	0.8, 3.7	1.7	0.5, 5.2	16.6	14.3, 19.2	21.4	18.5, 24.5	16.6	12.6, 21.7	19.8	14.1, 27.1		
		TT	0.5	0.1, 3.6	0.0	NA	0.0	NA	0.2	0.0, 1.1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	1.3	0.4, 4.3	0.9	0.3, 2.7	1.2	0.4, 3.5	0.5	0.2, 1.8		
CYP3A4	rs2740574*	AA	95.5	92.1, 97.5	92.3	89.0, 94.7	92.2	89.2, 94.4	90.9	89.4, 92.3	15.3	11.9, 19.3	13.3	11.0, 16.0	14.4	11.0, 18.6	11.9	9.5, 14.7	84.5	81.7, 87.0	85.1	82.1, 87.6	86.2	82.3, 89.4	87.4	80.1, 92.3		
		AG	4.5	2.5, 7.9	7.4	5.1, 10.6	6.6	4.4, 9.8	8.9	7.5, 10.4	38.6	34.0, 43.3	46.5	43.2, 49.7	44.1	37.9, 50.4	47.0	40.6, 53.6	15.5	13.0, 18.3	13.9	11.6, 16.6	13.1	10.3, 16.6	11.2	7.0, 17.5		
		GG	0.0	NA	0.3	0.0, 2.7	1.2	0.4, 3.8	0.2	0.0, 1.1	46.2	41.1, 51.3	40.2	37.2, 43.3	41.6	35.9, 47.5	41.1	35.6, 46.9	0.0	NA	1.0	0.5, 2.3	0.6	0.1, 3.2	1.4	0.3, 5.6		
F2	rs1799963	AA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
		AG	1.9	0.8, 4.2	1.4	0.6, 3.2	3.2	1.8, 5.6	2.8	1.9, 4.1	0.6	0.2, 2.4	0.5	0.2, 1.6	0.4	0.1, 1.6	0.5	0.1, 2.1	1.8	0.6, 5.4	2.4	1.4, 3.9	2.0	1.1, 3.7	2.9	1.1, 7.2		
		GG	98.1	95.8, 99.2	98.6	96.8, 99.4	96.8	94.4, 98.2	97.2	95.9, 98.1	99.4	97.6, 99.8	99.5	98.4, 99.8	99.6	98.4, 99.9	99.5	97.9, 99.9	98.2	94.6, 99.4	97.6	96.1, 98.6	98.0	96.3, 98.9	97.1	92.8, 98.9		
F5	rs6025‡	AA	0.0	NA	0.0	NA	0.0	NA	0.1	0.0, 0.6	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.1	0.0, 0.7	0.0	NA	0.0	NA	0.0	NA
		AG	5.5	3.4, 8.8	4.4	2.6, 7.6	6.8	5.1, 9.0	4.0	2.4, 6.6	1.7	0.7, 4.3	1.1	0.6, 2.3	1.6	0.6, 4.2	0.3	0.0, 2.4	2.8	1.1, 6.8	1.7	1.0, 2.8	1.9	0.7, 4.7	2.1	0.7, 5.8		
		GG	94.5	91.2, 96.6	95.6	92.4, 97.4	93.2	91.0, 94.9	95.9	93.3, 97.5	98.3	95.7, 99.3	98.9	97.7, 99.4	98.4	95.8, 99.4	99.7	97.6, 100.0	97.2	93.2, 98.9	98.2	97.1, 98.9	98.1	95.3, 99.3	97.9	94.2, 99.3		
FAM82A	rs163086*	CC	53.3	44.5, 61.9	59.3	54.5, 63.9	59.7	54.2, 65.0	64.6	61.2, 67.8	60.7	54.9, 66.3	65.5	60.8, 69.9	65.6	62.7, 68.3	68.3	61.2, 74.6	74.6	68.1, 80.1	73.1	70.3, 75.7	74.0	69.4, 78.1	71.3	63.4, 78.1		
		CT	37.6	31.3, 44.3	35.1	30.6, 39.8	35.5	30.7, 40.6	31.4	28.6, 34.4	35.4	30.2, 41.1	31.6	27.3, 36.2	30.3	27.3, 33.6	29.7	22.9, 37.4	23.5	18.4, 29.5	23.9	21.7, 26.3	24.0	19.1, 29.6	26.5	20.5, 33.5		
		TT	9.2	5.9, 14.0	5.6	3.9, 8.0	4.8	3.0, 7.4	4.0	2.6, 6.1	3.8	2.2, 6.6	2.9	1.6, 5.3	4.1	2.4, 7.0	2.1	0.8, 5.5	1.9	1.0, 3.5	3.0	2.0, 4.4	2.0	1.1, 3.6	2.2	1.2, 4.3		
FCGR2A	rs1801274	AA	26.4	20.4, 33.4	23.3	20.8, 26.1	25.8	22.0, 29.8	25.7	22.8, 28.8	25.1	20.0, 30.9	20.1	17.5, 23.0	21.5	18.5, 25.0	22.9	18.0, 28.7	29.8	27.0, 32.7	23.1	20.3, 26.1	21.9	17.1, 27.5	17.6	13.2, 23.0		
		AG	52.1	46.4, 57.8	48.4	43.6, 53.3	51.3	46.9, 55.7	44.8	41.8, 47.8	50.3	45.5, 55.2	53.5	49.0, 57.9	48.4	42.8, 54.1	51.0	46.2, 55.7	47.1	42.8, 51.5	49.1	44.6, 53.5	51.3	45.8, 56.9	56.5	50.0, 62.8		
		GG	21.5	16.2, 27.9	28.2	24.2, 32.6	22.9	18.9, 27.5	29.6	25.8, 33.6	24.6	20.5, 29.2	26.4	22.4, 30.8	30.0	25.1, 35.4	26.1	20.8, 32.1	23.1	19.7, 26.9	27.9	25.2, 30.7	26.8	22.5, 31.6	26.0	18.5, 35.2		
FGB	rs1800790	AA	3.9	1.9, 7.8	2.8	2.0, 4.1	3.3	2.2, 5.0	4.3	2.9, 6.2	0.4	0.1, 1.8	0.6	0.2, 1.6	0.9	0.3, 3.0	0.6	0.1, 3.0	3.5	1.8, 6.7	2.4	1.4, 3.8	2.5	1.0, 5.7	1.0	0.3, 3.5		
		AG	33.0	25.4, 41.6	34.2	31.4, 37.0	29.4	25.2, 34.0	31.0	28.6, 33.5	12.1	8.5, 16.9	9.9	7.6, 12.7	9.7	7.2, 12.9	6.9	4.4, 10.5	24.7	19.4, 30.8	26.4	21.3, 32.3	21.6	19.4, 24.1	25.1	21.0, 29.6		
		GG	63.1	53.8, 71.6	63.0	59.8, 66.0	67.3	62.8, 71.5	64.7	62.4, 66.9	87.5	82.7, 91.2	89.6	86.8, 91.8	89.4	86.1, 92.0	92.5	89.1, 94.9	71.9	66.5, 76.7	71.2	65.4, 76.4	75.9	73.7, 78.0	73.9	68.8, 78.4		
IL10	rs1800871	CC	62.3	53.3, 70.5	56.1	51.8, 60.3	60.5	54.9, 65.8	57.4	53.2, 61.4	37.7	33.2, 42.4	37.0	34.3, 39.7	35.4	29.9, 41.2	34.4	27.1, 42.4	39.0	34.2, 44.1	41.2	35.2, 47.5	35.3	30.3, 40.7	37.5	31.2, 44.3		
		CT	27.7	20.6, 36.0	36.4	31.1, 42.0	35.4	30.7, 40.3	35.7	32.1, 39.4	45.8	42.2, 49.4	48.6	45.8, 51.4	47.5	41.4, 53.6	50.8	42.1, 59.6	46.1	38.0, 54.5	43.4	40.0, 47.0	48.3	44.8, 51.7	48.0	38.7, 57.3		
		TT	10.0	6.6, 14.9	7.5	4.7, 11.8	4.2	2.7, 6.3	7.0	4.9, 9.9	16.5	12.6, 21.3	14.5	11.9, 17.5	17.2	14.0, 20.8	14.8	11.1, 19.5	14.8	10.1, 21.3	15.3	12.1, 19.3	16.4	12.3, 21.5	14.5	10.6, 19.6		
	rs1800872	AA	10.1	6.7, 14.9	7.6	4.8, 12.0	4.5	3.0, 6.8	6.9	4.8, 9.9	16.6	13.2, 20.7	14.0	11.5, 16.8	16.6	12.7, 21.2	13.6	9.8, 18.7	14.2	9.7, 20.5	15.1	11.9, 19.0	16.3	12.4, 21.1	14.1	10.2, 19.2		
		AC	28.0	21.0, 36.3	36.4	31.1, 42.0	35.4	31.0, 40.1	35.7	31.7, 40.0	45.5	41.7, 49.2	48.9	46.1, 51.8	48.1	41.7, 54.6	51.9	42.6, 61.1	46.7	39.0, 54.5	43.5	39.9, 47.2	48.5	44.9, 52.0	48.6	39.7, 57.5		
		CC	61.9	52.9, 70.2	55.9	51.5, 60.3	60.1	54.5, 65.5	57.3	53.2, 61.4	38.0	33.5, 42.7	37.1	34.5, 39.8	35.3	29.9, 41.2	34.5	27.1, 42.7	39.1	34.3, 44.1	41.4	35.5, 47.5	35.2	30.1, 40.7	37.3	31.3, 43.8		
	rs1800896	AA	29.2	21.9, 37.7	30.9	27.7, 34.4	26.4	21.6, 31.9	27.3	23.6, 31.3	40.2	34.6, 46.2	40.5	34.0, 47.5	40.3	35.0, 45.8	41.5	34.7, 48.7	46.7	40.3, 53.3	48.2	43.3, 53.1	51.5	41.2, 61.7	49.1	41.4, 56.8		
		AG	47.4	40.1, 54.8	46.5	41.9, 51.1	50.4	45.5, 55.2	52.3	48.6, 55.9	46.1	40.7, 51.5	48.7	42.8, 54.6	47.3	43.4, 51.3	46.6	39.2, 54.2	42.8	35.1, 50.9	42.5	37.1, 48.1	38.8	30.4, 48.0	41.7	34.4, 49.4		
		GG	23.4	17.6, 30.5	22.5	19.4, 26.0	23.2	19.1, 27.9	20.4	17.8, 23.4	13.7	10.3, 17.8	10.8	9.0, 12.8	12.3	8.9, 16.8	11.8	8.9, 15.6	10.5	7.4, 14.5	9.4	7.0, 12.4	9.7	5.7, 16.0	9.2	6.3, 13.4		
IL1B	rs1143623	CC	9.4	5.3, 16.1	8.7	6.2, 12.0	10.3	7.5, 13.8	7.5	5.3, 10.4	0.8	0.4, 1.6	1.4	0.8, 2.6	1.1	0.3, 3.8	0.4	0.1, 3.6	17.9	14.8, 21.4	20.9	17.1, 25.3	19.1	13.8, 25.7	14.6	10.9, 19.3		
		CG	41.2	31.8, 51.2	38.3	35.3, 41.5	39.8	34.0, 45.9	38.2	34.1, 42.5	22.4	17.5, 28.1	21.7	18.4, 25.4	17.0	13.0, 22.0	19.2	13.6, 26.5	42.9	36.4, 49.7	47.9	44.5, 51.3	47.7	40.1, 55.5	50.9	44.6, 57.1		
		GG	49.4	39.0, 59.9	53.0	50.2, 55.8	50.0	43.1, 56.8	54.3	49.3, 59.3	76.9	71.1, 81.8	76.9	72.9, 80.5	81.9	76.4, 86.3	80.3	73.5, 85.7	39.2	34.1, 44.6	31.2	27.3, 35.3	33.2	25.9, 41.4	34.5	30.2, 39.2		
IL4	rs2243248	GG	0.8	0.1, 7.1	0.3	0.1, 0.7	0.5	0.1, 2.1	0.4	0.1, 1.3	2.7	1.3, 5.3	2.5	1.7, 3.7	2.7	1.1, 6.1	1.7	0.5, 5.1	1.8	0.8, 3.9	1.7	0.7, 4.2	2.5	1.0, 6.0	1.6	0.8, 3.3		
		GT	15.1	12.1, 18.6	14.4	11.3, 18.1	16.2	13.1, 19.9	10.4	8.7, 12.5	26.9	21.4, 33.2	28.3	26.0, 30.7	22.2	18.0, 27.1	28.6	22.3, 35.9	17.1	11.4, 24.8	23.9	20.0, 28.3	17.4	14.2, 21.2	13.7	10.0, 18.3		
		TT	84.2	79.5, 87.9	85.3	81.6, 88.4	83.3	79.5, 86.5	89.1	87.0, 90.9	70.4	62.6, 77.2	69.2	66.9, 71.4	75.2	70.2, 79.5	69.7	62.4, 76.2	81.1	72.4, 87.5	74.4	69.0, 79.1	80.1	75.4, 84.1	84.7	79.5, 88.8		
	rs2243250	CC	69.4	62.4, 75.6	72.1	68.6, 75.4	70.5	65.9, 74.7	69.8	65.8, 73.5	16.7	13.6, 20.4	13.1	10.6, 16.0	13.6	10.4, 17.7	14.7	9.9, 21.2	36.5	32.9, 40.3	32.5	26.3, 39.5	35.5	28.8, 42.8	36.3	31.0, 42.0		
		CT	27.9																									

Gene symbol	Variant (dbSNP ID)*	Genotype	Non-Hispanic white								Non-Hispanic black								Mexican-American								
			Age (years)								Age (years)								Age (years)								
			12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	
ITGB3	rs5918	TT	22.1	15.9, 30.0	15.2	11.8, 19.5	18.6	15.0, 22.8	15.0	12.8, 17.4	8.6	6.5, 11.2	9.4	6.3, 13.7	5.5	4.0, 7.6	5.9	3.3, 10.4	20.6	16.8, 25.2	20.1	17.6, 22.9	16.9	12.6, 22.3	20.5	15.9, 26.0	
		CC	1.7	0.5, 5.2	3.1	1.6, 6.0	2.6	1.3, 5.0	2.6	1.8, 3.7	1.0	0.5, 1.7	0.9	0.4, 1.9	1.6	0.7, 3.4	0.8	0.2, 3.2	0.0	NA	2.0	1.1, 3.7	0.6	0.2, 2.1	1.6	0.2, 10.3	
		CT	25.1	19.7, 31.6	27.4	24.4, 30.6	28.4	24.5, 32.8	26.4	24.2, 28.7	16.4	13.6, 19.7	18.4	15.5, 21.9	18.7	15.5, 22.4	17.2	12.2, 23.7	15.1	9.7, 22.7	17.8	15.4, 20.5	16.1	13.3, 19.2	16.8	11.7, 23.7	
		TT	73.2	66.6, 78.9	69.5	66.1, 72.6	69.0	65.0, 72.7	71.0	68.4, 73.5	82.6	79.1, 85.6	80.6	77.4, 83.6	79.7	75.9, 83.0	82.0	75.6, 87.0	84.9	77.3, 90.3	80.2	77.2, 82.9	83.3	79.8, 86.4	81.6	74.1, 87.3	
MBL2	rs11003125	CC	41.3	36.1, 46.7	42.3	38.4, 46.2	39.9	35.6, 44.4	39.5	35.4, 43.7	77.3	71.7, 82.0	76.7	72.9, 80.1	71.2	65.8, 76.0	82.1	79.1, 84.8	26.4	21.1, 32.4	23.0	19.8, 26.5	27.1	20.7, 34.7	27.9	23.2, 33.2	
		CG	43.6	37.7, 49.7	42.5	38.3, 46.9	49.6	44.0, 55.1	46.4	43.2, 49.6	21.1	16.9, 26.1	22.4	18.7, 26.6	25.4	21.2, 30.0	15.5	12.1, 19.6	47.3	41.8, 52.8	49.3	46.9, 51.8	45.8	39.0, 52.7	49.1	43.8, 54.4	
		GG	15.1	10.4, 21.5	15.2	11.1, 20.5	10.5	7.8, 14.0	14.1	12.1, 16.5	1.6	0.7, 3.5	0.9	0.3, 2.3	3.5	1.9, 6.3	2.4	1.1, 5.1	26.3	21.3, 32.0	27.7	24.5, 31.1	27.1	23.5, 31.1	23.0	17.4, 29.7	
		AA	3.9	1.9, 7.6	2.8	2.1, 3.9	1.8	1.1, 3.1	3.5	2.2, 5.8	0.7	0.2, 2.5	0.3	0.1, 0.9	0.4	0.1, 1.9	0.0	NA	1.5	0.7, 3.3	1.9	0.9, 4.1	2.7	1.3, 5.4	2.5	1.5, 4.0	
	rs1800450	AG	23.5	17.1, 31.4	21.7	18.1, 25.7	26.6	22.2, 31.5	22.4	19.4, 25.8	11.0	7.7, 15.4	6.2	4.6, 8.2	6.6	4.4, 9.9	7.5	4.9, 11.4	23.7	17.9, 30.6	24.6	20.7, 28.9	26.5	21.8, 31.6	28.7	23.6, 34.4	
		GG	72.6	65.1, 79.0	75.5	71.3, 79.3	71.6	66.3, 76.3	74.0	71.3, 76.6	88.4	83.9, 91.7	93.5	91.5, 95.1	92.9	89.4, 95.3	92.5	88.6, 95.1	74.9	67.1, 81.3	73.5	68.9, 77.6	70.9	66.7, 74.7	68.9	63.2, 74.0	
		AA	0.0	NA	0.1	0.0, 0.6	0.0	NA	0.2	0.0, 1.1	5.6	3.6, 8.6	6.2	4.2, 8.9	6.8	4.4, 10.2	5.2	3.0, 9.0	0.0	NA	0.0	NA	0.0	NA	0.0	NA	
		AG	2.7	1.6, 4.7	4.5	3.3, 6.2	2.5	1.5, 4.1	4.8	3.9, 6.0	34.8	29.0, 41.2	34.1	29.5, 39.0	33.4	29.5, 37.5	36.8	30.2, 43.9	4.3	2.9, 6.2	4.7	3.0, 7.2	6.4	4.4, 9.2	6.0	4.0, 8.9	
	rs5030737	GG	97.3	95.3, 98.4	95.4	93.6, 96.7	97.5	95.9, 98.5	94.9	93.8, 95.9	59.6	53.0, 65.9	59.7	56.3, 63.1	59.9	56.0, 63.6	58.0	50.6, 65.0	95.7	93.8, 97.1	95.3	92.8, 97.0	93.6	90.8, 95.6	94.0	91.1, 96.0	
		CC	83.1	74.5, 89.2	84.4	80.3, 87.7	87.5	83.5, 90.7	88.0	84.8, 90.6	97.2	95.3, 98.3	97.7	95.9, 98.7	97.7	96.2, 98.6	98.7	95.6, 96.6	91.9	89.6, 93.8	95.1	92.9, 96.6	94.4	91.6, 96.4	95.8	92.4, 97.7	
		CT	15.7	10.1, 23.6	14.6	11.2, 18.8	12.2	9.2, 16.1	11.4	8.8, 14.7	2.8	1.7, 4.7	2.3	1.3, 4.1	2.3	1.4, 3.8	1.3	0.4, 4.4	7.7	6.1, 9.7	4.8	3.3, 6.9	5.6	3.6, 8.4	3.8	2.0, 7.1	
		TT	1.2	0.3, 4.9	1.1	0.5, 2.3	0.3	0.1, 1.1	0.6	0.3, 1.2	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.4	0.1, 1.9	0.1	0.0, 0.6	0.0	NA	0.4	0.1, 2.4	
	rs7096206	CC	4.7	2.1, 10.0	5.7	4.3, 7.6	4.8	2.8, 8.1	5.2	3.4, 7.8	2.0	1.2, 3.3	1.9	1.1, 3.2	3.0	1.7, 5.3	2.2	0.9, 5.1	3.7	1.7, 8.2	1.9	1.1, 3.5	1.6	0.6, 4.2	2.0	0.9, 4.7	
		CG	34.7	28.3, 41.7	31.7	26.4, 37.5	37.8	32.4, 43.4	34.1	30.6, 37.9	26.1	21.6, 31.2	26.3	22.9, 30.1	24.7	21.7, 27.9	26.0	20.3, 32.7	18.0	13.6, 23.3	18.4	14.8, 22.6	16.2	12.2, 21.3	23.5	19.6, 27.8	
		GG	60.7	54.0, 67.0	62.6	56.8, 68.0	57.4	50.8, 63.8	60.7	57.3, 63.9	71.9	67.2, 76.2	71.8	67.5, 75.7	72.3	69.2, 75.2	71.8	65.2, 77.6	78.3	71.4, 83.9	79.7	75.2, 83.5	82.1	76.8, 86.5	74.5	70.1, 78.5	
		TT	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	
MTHFR	rs1801131	AA	52.8	46.2, 59.2	47.0	41.3, 52.8	48.0	43.0, 53.1	48.2	43.9, 52.4	68.9	62.9, 74.3	67.1	62.9, 71.1	67.0	61.5, 72.2	68.3	57.5, 77.5	70.6	62.5, 77.6	66.2	61.5, 70.5	62.1	51.4, 71.7	63.6	58.0, 68.8	
		AC	39.5	33.8, 45.5	43.8	39.1, 48.6	39.2	35.1, 43.4	40.8	35.9, 45.9	27.7	22.3, 33.8	29.1	25.5, 33.1	30.3	25.6, 35.5	28.1	19.9, 38.1	24.7	19.7, 30.4	30.7	27.0, 34.5	34.6	25.9, 44.5	33.0	26.8, 39.7	
		CC	7.7	4.5, 12.8	9.2	6.5, 12.8	12.8	9.7, 16.7	11.0	9.2, 13.1	3.4	1.8, 6.5	3.7	2.7, 5.1	2.6	1.3, 5.3	3.6	1.6, 7.6	4.8	2.1, 10.5	3.2	1.7, 5.7	3.3	1.6, 6.5	3.4	1.6, 7.2	
		CT	46.9	36.7, 57.3	47.7	41.8, 53.7	46.1	40.8, 51.4	44.2	40.7, 47.9	77.4	72.2, 81.8	77.7	75.3, 79.9	79.9	75.7, 83.6	76.0	69.6, 81.3	28.4	22.6, 35.0	31.1	28.1, 34.2	33.1	26.8, 39.9	28.2	23.9, 32.9	
	rs1801133	CC	41.0	32.2, 50.4	41.4	35.6, 47.3	41.8	36.7, 47.0	44.5	41.5, 47.2	21.1	17.1, 25.8	21.2	19.1, 23.5	19.3	15.8, 23.4	22.6	17.3, 29.0	47.0	37.9, 56.4	48.8	45.5, 52.3	51.6	47.2, 56.0	52.7	46.1, 59.1	
		CT	12.1	8.0, 18.0	10.9	8.3, 14.3	12.1	8.3, 17.4	11.3	8.8, 14.4	1.5	0.5, 4.3	1.1	0.5, 2.6	0.8	0.2, 3.2	1.4	0.5, 3.9	24.6	17.2, 33.8	20.1	17.7, 22.7	15.4	11.1, 20.8	19.2	14.7, 24.6	
		CC	84.7	77.8, 89.8	83.9	79.1, 87.8	80.9	77.5, 83.8	78.4	75.0, 81.5	82.8	76.6, 87.7	83.6	80.6, 86.1	84.5	79.6, 88.4	82.5	74.9, 88.2	89.6	84.4, 93.2	88.7	86.2, 90.8	83.6	78.2, 87.9	84.6	81.3, 87.4	
		CT	15.3	10.2, 22.2	15.2	11.6, 19.6	17.8	15.1, 20.9	19.9	16.6, 23.8	16.0	11.6, 21.8	16.0	13.4, 19.1	14.4	10.8, 18.9	15.9	10.8, 22.7	9.5	6.5, 13.8	11.0	8.9, 13.7	15.6	11.1, 21.5	15.4	12.6, 18.7	
	TT	0.0	NA	0.9	0.3, 2.7	1.3	0.7, 2.5	1.6	0.8, 3.2	1.1	0.3, 3.7	0.4	0.1, 1.1	1.2	0.4, 3.2	1.6	0.6, 4.2	0.9	0.2, 4.3	0.3	0.1, 1.2	0.8	0.2, 2.8	0.0	NA		
	MTRR	rs1801394	AA	25.4	18.5, 33.8	20.1	15.9, 25.0	27.2	21.7, 33.6	19.4	16.4, 22.7	50.9	46.2, 55.5	47.2	42.8, 51.8	56.1	49.7, 62.3	51.5	47.6, 55.3	54.2	46.5, 61.7	55.8	50.9, 60.6	54.6	50.9, 58.4	52.8	48.1, 57.4
			AG	48.6	42.1, 55.1	52.9	47.8, 57.9	45.1	38.7, 51.7	48.2	44.6, 51.9	38.5	34.7, 42.4	44.7	40.8, 48.6	35.8	30.9, 41.0	43.3	39.5, 47.3	39.2	32.5, 46.4	37.6	32.2, 43.3	36.4	32.8, 40.1	40.7	36.1, 45.6
			GG	26.0	18.8, 34.8	27.0	24.0, 30.3	27.6	23.8, 31.9	32.4	29.4, 35.6	10.6	7.8, 14.4	8.1	6.1, 10.7	8.2	5.5, 11.9	5.2	2.8, 9.4	6.6	3.5, 12.1	6.6	5.0, 8.8	9.0	6.3, 12.6	6.5	3.8, 10.9
NAT2	rs1041983	CC	37.4	29.6, 46.0	41.7	38.3, 45.2	41.5	36.7, 46.5	42.9	38.2, 47.8	30.6	24.8, 37.2	30.5	28.1, 32.9	31.1	25.8, 36.8	31.8	24.8, 39.8	50.6	42.2, 58.9	46.8	42.5, 51.2	44.9	39.2, 50.7	41.6	35.6, 47.8	
		CT	50.3	39.5, 61.2	45.7	42.4, 49.0	47.1	41.6, 52.6	44.2	39.1, 49.5	46.3	41.6, 51.1	46.3	43.1, 49.7	46.2	41.8, 50.7	45.3	38.6, 52.2	38.4	30.3, 47.2	42.6	38.8, 46.4	45.7	40.2, 51.3	47.2	40.6, 53.8	
		TT	12.2	7.7, 18.9	12.6	10.1, 15.6	11.4	8.2, 15.7	12.8	10.8, 15.2	23.1	18.0, 29.0	23.2	20.6, 26.0	22.7	18.3, 27.9	22.9	16.4, 30.9	11.0	6.9, 17.1	10.6	8.1, 13.7	9.4	6.7, 13.0	11.3	8.9, 14.2	
		AA	36.4	30.3, 43.0	33.5	28.6, 38.9	34.3	30.2, 38.7	35.4	33.5, 37.4	40.0	33.7, 46.6	40.0	36.7, 43.3	39.3	34.5, 44.2	36.1	29.2, 43.6	40.9	36.5, 45.6	39.7	34.7, 45.0	44.8	40.1, 49.5	42.1	36.8, 47.5	
	rs1208	AG	48.1	41.3, 54.8	49.9	44.9, 55.0	48.8	42.8, 54.9	47.5	44.6, 50.4	43.7	39.3, 48.2	43.4	39.6, 47.3	45.8	40.7, 51.0	49.7	41.8, 57.6	47.6	41.0, 54.3	47.0	42.5, 51.6	45.1	38.9, 51.4	40.5	35.0, 46.3	
		GG	15.5	12.3, 19.4	16.5	14.3, 19.0	16.9	13.2, 21.2	17.1	14.0, 20.7	16.3	12.0, 21.8	1														

Gene symbol	Variant (dbSNP ID)*	Genotype	Non-Hispanic white								Non-Hispanic black								Mexican-American							
			Age (years)								Age (years)								Age (years)							
			12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60		12-19		20-39		40-59		≥ 60	
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
NOS3	rs1799983	GG	46.1	38.5, 53.9	43.4	39.4, 47.5	48.6	44.0, 53.2	44.9	41.6, 48.1	74.1	70.0, 77.8	74.4	69.8, 78.6	77.0	71.6, 81.6	73.5	69.1, 77.4	65.4	61.0, 69.6	65.7	59.8, 71.0	65.8	60.0, 71.1	57.8	50.7, 64.6
		GT	43.4	35.3, 51.8	44.3	40.0, 48.6	42.3	36.9, 47.8	45.8	41.9, 49.7	25.0	21.3, 29.2	24.3	20.2, 29.0	22.8	18.1, 28.2	24.2	19.6, 29.5	29.4	24.7, 34.6	30.9	26.0, 36.3	29.9	24.7, 35.8	36.3	28.7, 44.6
		TT	10.5	6.8, 16.1	12.4	9.6, 15.7	9.2	7.1, 11.7	9.3	7.6, 11.4	0.9	0.4, 2.1	1.3	0.6, 2.7	0.3	0.0, 1.9	2.3	0.9, 6.0	5.2	3.1, 8.8	3.4	2.4, 5.0	4.3	2.5, 7.3	5.9	3.9, 8.9
	rs2070744	CC	14.3	10.3, 19.6	16.2	13.0, 20.1	14.2	11.1, 18.1	15.7	12.9, 18.9	1.6	0.8, 3.1	1.8	1.0, 3.2	0.9	0.3, 2.4	2.1	1.2, 3.4	8.9	5.3, 14.6	6.6	5.3, 8.3	5.8	4.0, 8.3	11.1	8.8, 13.9
		CT	44.1	39.4, 49.0	49.2	45.5, 52.9	47.5	43.9, 51.1	47.0	44.0, 50.0	22.9	19.2, 27.1	27.9	24.7, 31.4	29.4	24.4, 35.0	26.5	20.5, 33.6	37.3	30.4, 44.7	35.2	31.6, 39.0	35.6	29.9, 41.6	35.1	30.0, 40.6
		TT	41.5	36.1, 47.2	34.6	31.2, 38.1	38.3	32.8, 44.1	37.3	34.3, 40.4	75.5	71.0, 79.6	70.3	66.9, 73.4	69.7	63.6, 75.2	71.4	64.2, 77.7	53.8	46.7, 60.8	58.1	54.4, 61.7	58.7	53.0, 64.1	53.8	47.6, 59.9
NQO1	rs10517	CC	74.5	68.6, 79.5	74.8	70.0, 79.1	76.0	72.1, 79.6	76.4	73.4, 79.1	73.9	68.6, 78.5	74.1	70.4, 77.5	73.9	69.7, 77.7	73.7	66.5, 79.7	89.5	82.3, 94.0	87.7	84.7, 90.1	84.5	79.4, 88.4	85.9	82.0, 89.1
		CT	23.0	18.6, 28.1	23.8	19.7, 28.5	22.0	18.9, 25.4	22.0	19.2, 24.9	24.0	19.3, 29.4	24.2	20.8, 28.0	25.3	21.7, 29.3	23.6	17.6, 30.8	9.9	5.6, 16.8	12.3	9.9, 15.3	15.4	11.4, 20.5	13.2	10.3, 16.8
		TT	2.6	1.3, 5.0	1.4	0.9, 2.1	2.0	0.9, 4.4	1.7	0.9, 3.1	2.1	0.8, 5.6	1.7	0.8, 3.6	0.8	0.3, 2.1	2.8	1.4, 5.2	0.6	0.1, 2.6	0.0	NA	0.1	0.0, 1.0	0.8	0.2, 3.4
	rs1800566	CC	60.2	52.4, 67.5	64.6	59.6, 69.3	66.8	60.8, 72.3	64.5	60.0, 68.7	67.8	63.6, 71.8	63.1	59.7, 66.3	68.1	62.2, 73.4	67.6	62.6, 72.3	39.4	32.9, 46.3	42.4	39.3, 45.6	36.2	31.6, 41.1	41.5	35.7, 47.6
		CT	35.7	28.9, 43.2	32.5	28.1, 37.2	29.1	23.8, 35.0	32.2	28.5, 36.2	29.2	24.6, 34.3	32.7	29.2, 36.4	29.5	24.4, 35.1	28.5	24.1, 33.3	42.3	35.5, 49.4	44.3	41.5, 47.2	51.4	45.4, 57.2	46.4	40.5, 52.4
		TT	4.1	2.1, 7.6	2.9	2.2, 3.9	4.1	2.7, 6.1	3.3	2.4, 4.6	2.9	1.5, 5.6	4.2	3.0, 6.0	2.5	1.4, 4.4	3.9	2.1, 7.0	18.3	14.4, 22.9	13.3	11.5, 15.3	12.4	9.3, 16.5	12.1	9.2, 15.9
	rs34755915	AA	0.0	NA	0.0	NA	0.0	NA	0.2	0.0, 1.8	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
		AG	4.0	1.9, 8.4	3.7	2.4, 5.6	3.4	2.2, 5.3	3.2	2.3, 4.5	0.2	0.0, 1.4	1.2	0.4, 3.3	0.7	0.2, 2.0	0.6	0.2, 2.7	1.0	0.2, 4.3	1.2	0.6, 2.3	1.0	0.3, 3.2	0.9	0.3, 2.7
	rs689452	GG	96.0	91.6, 98.1	96.3	94.4, 97.6	96.6	94.7, 97.8	96.6	95.0, 97.7	99.8	100.0	98.8	96.7, 99.6	99.3	98.0, 99.8	99.4	97.3, 99.8	99.0	95.7, 99.8	98.8	97.7, 99.4	99.0	96.8, 99.7	99.1	97.3, 99.7
		CC	76.6	71.3, 81.2	77.0	72.4, 80.9	78.1	74.5, 81.4	78.2	75.0, 81.1	73.6	68.3, 78.2	74.2	70.8, 77.3	74.7	70.3, 78.6	74.4	67.0, 80.5	89.9	82.9, 94.2	87.8	84.4, 90.6	85.0	80.1, 88.9	86.4	81.7, 90.1
		CG	21.3	17.2, 26.1	22.1	18.3, 26.3	20.3	17.3, 23.7	20.5	17.7, 23.7	24.3	19.6, 29.7	24.2	20.9, 27.8	24.5	20.7, 28.6	22.9	16.9, 30.2	9.5	5.4, 16.1	12.2	9.4, 15.6	14.9	11.0, 19.8	12.7	9.3, 17.1
		GG	2.0	0.9, 4.5	1.0	0.5, 1.8	1.6	0.6, 4.1	1.2	0.7, 2.3	2.1	0.8, 5.7	1.6	0.8, 3.5	0.8	0.3, 2.1	2.8	1.4, 5.2	0.6	0.1, 2.6	0.0	NA	0.1	0.0, 1.0	0.8	0.2, 3.4
AA		1.1	0.3, 3.8	0.4	0.1, 1.3	0.3	0.1, 1.5	0.7	0.3, 1.6	0.3	0.1, 1.1	0.2	0.0, 0.7	0.5	0.1, 3.6	0.8	0.2, 3.4	0.0	NA	0.7	0.3, 1.8	0.8	0.2, 3.1	0.6	0.1, 3.8	
AG		14.9	9.3, 23.0	13.1	10.5, 16.2	16.5	13.8, 19.8	15.0	12.0, 18.5	10.4	7.6, 14.0	8.2	6.3, 10.8	9.7	6.6, 14.1	11.5	7.5, 17.1	10.1	5.4, 18.0	9.5	7.1, 12.6	9.5	6.6, 13.6	5.0	3.2, 7.8	
rs689453	GG	84.0	75.8, 89.8	86.5	83.5, 89.1	83.2	79.8, 86.1	84.3	80.9, 87.2	89.3	85.8, 92.1	91.6	89.1, 93.6	89.8	85.7, 92.9	87.7	82.5, 91.5	89.9	82.0, 94.6	89.8	86.3, 92.5	89.7	85.7, 92.6	94.4	92.7, 95.7	
OGGI	rs1052133	CC	60.9	54.1, 67.4	62.1	56.4, 67.5	62.0	56.2, 67.5	59.3	54.7, 63.7	70.8	65.8, 75.4	67.4	62.9, 71.6	74.8	70.9, 78.3	65.1	59.9, 70.1	47.7	40.5, 54.9	44.3	39.6, 49.0	40.7	36.1, 45.5	45.4	39.6, 51.4
		CG	35.8	30.2, 41.7	33.9	29.3, 38.8	33.0	27.7, 38.8	36.4	32.3, 40.6	27.2	22.2, 32.8	30.0	25.8, 34.6	22.3	18.9, 26.2	33.0	28.3, 38.1	44.7	39.5, 50.0	44.4	39.9, 49.0	49.4	45.5, 53.2	44.0	37.9, 50.3
		GG	3.3	1.5, 7.0	4.0	2.7, 5.8	4.9	2.7, 8.7	4.3	2.9, 6.3	2.0	0.8, 4.6	2.6	1.5, 4.5	2.9	1.3, 6.5	1.9	1.1, 3.2	7.7	4.9, 11.9	11.4	9.6, 13.4	9.9	6.4, 14.9	10.5	7.9, 13.9
PONI	rs662*	AA	51.8	44.1, 59.4	45.5	41.5, 49.6	46.8	41.8, 51.9	48.6	44.0, 53.2	12.6	9.7, 16.2	11.0	8.3, 14.4	11.7	8.7, 15.7	9.6	5.9, 15.3	25.7	20.0, 32.3	27.9	23.5, 32.8	32.8	27.7, 38.4	29.4	24.3, 35.1
		AG	41.6	33.8, 49.8	44.4	39.9, 48.9	40.4	35.5, 45.5	42.1	37.6, 46.8	43.6	38.7, 48.7	42.7	40.0, 45.5	43.7	38.8, 48.6	43.2	36.9, 49.7	56.8	50.1, 63.2	49.5	44.5, 54.6	45.3	39.9, 50.8	44.1	36.8, 51.7
		GG	6.7	4.0, 10.8	10.1	8.1, 12.4	12.7	9.8, 16.5	9.3	7.1, 12.1	43.8	39.4, 48.3	46.3	44.2, 48.4	44.6	39.5, 49.9	47.2	41.8, 52.7	17.6	13.8, 22.1	22.6	20.5, 24.8	21.9	16.9, 27.8	26.5	21.2, 32.5
	rs854560*	AA	13.9	9.1, 20.6	13.5	10.3, 17.6	13.1	10.3, 16.5	13.7	11.7, 16.1	2.9	1.8, 4.5	3.1	2.0, 4.8	2.6	1.3, 5.2	2.9	1.6, 5.2	5.6	3.3, 9.3	4.3	2.9, 6.3	5.4	3.4, 8.4	6.8	3.6, 12.2
		AT	49.7	43.0, 56.5	42.3	37.3, 47.4	44.0	38.4, 49.7	45.0	41.6, 48.5	28.9	23.7, 34.6	29.8	27.0, 32.8	30.9	25.4, 37.0	30.4	25.7, 35.5	38.7	34.0, 43.5	34.1	30.1, 38.3	38.9	33.2, 44.9	35.2	30.2, 40.4
TT	36.4	29.3, 44.1	44.2	37.9, 50.6	42.9	37.2, 48.9	41.3	38.5, 44.1	68.3	62.6, 73.4	67.1	64.1, 70.0	66.5	60.5, 72.0	66.7	62.2, 70.9	55.7	50.4, 60.9	61.6	57.0, 66.0	55.8	48.6, 62.7	58.1	54.2, 61.8		
PPARG	rs1801282	CC	74.5	67.2, 80.6	76.1	72.5, 79.4	74.7	70.4, 78.7	77.4	74.7, 79.8	95.4	91.1, 97.6	94.9	93.4, 96.1	94.5	91.3, 96.5	95.9	91.9, 98.0	77.9	73.0, 82.1	75.6	72.6, 78.3	76.9	73.8, 79.8	79.6	73.1, 84.8
		CG	24.2	18.6, 30.7	20.4	17.3, 24.0	23.4	19.2, 28.2	21.6	19.1, 24.5	4.6	2.4, 8.9	5.0	3.8, 6.5	5.5	3.5, 8.7	4.1	2.0, 8.1	20.0	16.1, 24.6	22.8	20.2, 25.5	22.5	19.6, 25.7	19.2	14.3, 25.4
		GG	1.4	0.3, 5.6	3.5	2.4, 5.0	1.9	0.7, 4.5	1.0	0.5, 2.1	0.0	NA	0.1	0.0, 0.9	0.0	NA	0.0	NA	2.1	0.7, 6.2	1.7	1.1, 2.6	0.6	0.2, 1.9	1.2	0.2, 7.0
SERPINE1	rs1799762 [†]	4G/4G	24.8	19.9, 30.5	27.0	23.7, 30.5	29.7	26.6, 33.0	27.7	24.7, 30.9	5.6	3.5, 9.1	7.2	4.7, 10.8	7.1	4.8, 10.4	5.1	2.5, 10.2	14.0	9.3, 20.6	10.0	7.8, 12.8	13.3	7.5, 22.4	14.4	11.0, 18.7
		4G/5G	50.4	44.1, 56.6	51.5	47.4, 55.6	48.0	44.9, 51.0	48.7	45.1, 52.4	40.3	37.7, 43.0	39.1	36.1, 42.2	41.1	35.1, 47.3	41.2	34.3, 48.5	45.3	40.2, 50.6	43.1	38.3, 48.2	45.4	38.4, 52.6	44.9	41.0, 48.8
		5G/5G	24.8	20.0, 30.4	21.5	18.0, 25.5	22.3	19.1, 25.9	23.5	21.1, 26.2	54.0	50.5, 57.5	53.7	49.3, 58.0	51.8	46.1, 57.6	53.7	47.7, 59.6	40.6	32.5, 49.3	46.8	42.4, 51.3	41.3	35.4, 47.6	40.7	36.1, 45.4
TGFB1	rs1982073	CC	17.6	11.2, 26.6	14.6	11.5, 18.3																				

Gene symbol	Variant (dbSNP ID) ^a	Genotype	Non-Hispanic white									Non-Hispanic black						Mexican-American								
			Age (years)									Age (years)						Age (years)								
			12-19			20-39			40-59			≥ 60			12-19			20-39			40-59			≥ 60		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI	
VDR	rs2239185	CC	24.7	16.2, 35.7	26.8	23.0, 31.0	25.6	21.0, 30.8	23.6	19.9, 27.8	16.7	13.3, 20.7	18.3	15.0, 22.1	16.2	13.5, 19.4	23.6	18.7, 29.2	33.3	25.6, 42.1	32.6	29.3, 36.1	38.6	32.2, 45.4	33.7	26.6, 41.6
		CT	41.7	35.2, 48.6	46.4	41.7, 51.0	43.4	37.8, 49.2	45.3	41.9, 48.8	49.0	44.8, 53.1	50.2	46.2, 54.2	49.5	42.8, 56.3	47.3	40.3, 54.4	47.1	40.9, 53.3	50.5	46.4, 54.6	44.1	38.3, 50.1	47.2	40.2, 54.3
		TT	33.6	25.2, 43.1	26.8	23.8, 30.1	31.0	26.8, 35.5	31.1	27.7, 34.7	34.4	29.6, 39.4	31.5	28.4, 34.8	34.2	28.7, 40.2	29.1	23.9, 35.0	19.6	15.3, 24.8	16.9	14.4, 19.7	17.3	11.9, 24.5	19.1	12.8, 27.5
	rs731236	CC	16.7	11.5, 23.6	14.3	12.3, 16.6	16.8	13.9, 20.2	15.4	12.2, 19.2	4.4	2.4, 7.8	7.8	6.4, 9.4	8.1	6.3, 10.5	7.8	5.6, 10.6	5.2	3.3, 8.1	4.7	3.3, 6.6	4.4	2.3, 8.3	7.1	4.2, 11.7
		CT	43.1	35.8, 50.7	44.5	40.3, 48.9	44.9	39.8, 50.0	47.2	43.4, 51.1	43.0	40.0, 46.0	41.6	38.6, 44.6	43.1	37.7, 48.7	39.3	33.8, 45.2	36.7	32.6, 41.1	38.9	35.4, 42.4	37.4	32.4, 42.6	34.5	29.6, 39.6
		TT	40.2	29.8, 51.6	41.1	37.3, 45.1	38.3	34.1, 42.7	37.3	33.6, 41.2	52.7	48.6, 56.7	50.6	47.2, 54.1	48.7	43.2, 54.3	52.9	47.0, 58.7	58.1	53.1, 63.0	56.5	51.9, 60.9	58.2	52.7, 63.5	58.4	52.0, 64.6
XRCC1	rs1001581	AA	12.0	7.4, 18.9	16.1	13.0, 19.7	16.1	13.6, 19.1	14.9	12.3, 18.0	14.5	11.7, 17.8	13.4	11.3, 15.8	14.6	11.5, 18.3	18.4	13.6, 24.5	8.7	5.9, 12.8	8.4	6.5, 10.7	10.9	8.5, 13.9	10.3	7.8, 13.5
		AG	45.7	38.9, 52.7	51.7	46.8, 56.5	48.2	43.1, 53.4	48.1	42.6, 53.6	44.2	38.7, 49.7	43.9	40.5, 47.3	42.9	38.0, 47.9	47.5	42.1, 53.0	45.3	36.8, 54.1	41.9	37.3, 46.7	39.4	33.2, 45.9	42.1	34.9, 49.8
		GG	42.3	31.7, 53.6	32.2	28.2, 36.6	35.6	30.4, 41.2	37.0	33.5, 40.6	41.3	36.2, 46.6	42.8	38.1, 47.5	42.5	37.9, 47.3	34.1	28.1, 40.5	45.9	37.3, 54.8	49.7	44.9, 54.5	49.7	43.1, 56.4	47.6	40.5, 54.8
	rs1799782	CC	88.6	82.2, 92.9	92.1	90.7, 93.4	90.5	86.1, 93.7	88.2	85.4, 90.5	89.4	87.0, 91.4	87.5	84.9, 89.7	86.0	82.5, 88.9	92.4	89.3, 94.7	75.5	68.9, 81.2	72.8	69.2, 76.1	72.3	68.7, 75.7	69.8	61.0, 77.4
		CT	11.1	6.7, 17.9	7.6	6.4, 9.1	9.1	6.2, 13.1	11.5	9.2, 14.2	9.7	7.8, 12.0	12.3	10.2, 14.7	13.2	10.4, 16.6	6.8	4.7, 9.7	22.5	17.3, 28.8	24.3	22.0, 26.9	26.0	22.7, 29.7	25.2	18.7, 33.2
		TT	0.3	0.0, 1.9	0.3	0.1, 0.8	0.4	0.0, 2.9	0.3	0.1, 1.2	0.9	0.2, 3.4	0.2	0.0, 1.1	0.7	0.2, 3.5	0.8	0.4, 1.6	1.9	0.7, 5.5	2.9	1.7, 4.9	1.6	1.0, 2.5	4.9	2.4, 9.8
	rs25486	AA	46.5	36.7, 56.5	37.5	33.0, 42.2	41.5	36.6, 46.6	41.3	38.3, 44.3	60.0	56.3, 63.6	60.1	55.6, 64.5	54.1	50.1, 58.1	55.0	49.9, 60.0	54.5	47.8, 61.0	55.8	52.1, 59.4	55.8	49.3, 62.1	53.6	45.9, 61.1
		AG	42.4	36.9, 48.2	50.0	44.8, 55.2	44.8	39.6, 50.1	46.8	42.8, 50.9	32.2	28.9, 35.6	34.8	31.1, 38.7	38.6	33.3, 44.2	39.7	35.6, 44.0	39.7	34.5, 45.0	37.9	34.4, 41.5	35.4	29.4, 41.9	39.2	31.4, 47.5
		GG	11.1	6.3, 18.7	12.5	9.7, 16.0	13.7	10.9, 17.0	11.9	9.7, 14.4	7.8	5.6, 10.8	5.1	4.1, 6.4	7.3	4.2, 12.3	5.3	3.4, 8.3	5.9	3.8, 9.1	6.4	4.9, 8.2	8.8	7.6, 10.2	7.2	4.6, 11.1
	rs25487	AA	10.7	6.1, 18.0	12.3	9.3, 15.9	14.4	11.7, 17.5	12.2	9.7, 15.1	4.1	2.4, 6.8	2.5	1.6, 3.8	2.5	1.4, 4.4	2.8	1.2, 6.4	6.0	3.8, 9.3	6.3	4.9, 8.2	7.9	6.4, 9.8	8.3	5.5, 12.2
		AG	42.8	37.0, 48.8	49.9	44.4, 55.4	44.7	39.4, 50.1	46.9	42.4, 51.5	25.1	20.5, 30.3	24.0	21.1, 27.2	29.1	24.9, 33.6	28.8	24.4, 33.6	39.9	35.5, 44.5	37.7	34.0, 41.6	35.7	29.7, 42.1	37.6	30.0, 45.8
		GG	46.5	36.4, 57.0	37.9	33.3, 42.6	40.9	36.1, 45.9	40.9	38.0, 43.9	70.8	65.8, 75.4	73.5	69.9, 76.8	68.4	64.0, 72.5	68.5	62.5, 73.8	54.1	47.8, 60.3	56.0	52.3, 59.5	56.4	50.0, 62.6	54.2	46.9, 61.3
rs25489*	AA	0.0	NA	0.0	NA	0.1	0.0, 0.5	0.4	0.1, 1.2	0.0	NA	0.4	0.1, 1.6	0.2	0.0, 2.0	0.1	0.0, 1.0	0.5	0.1, 2.4	2.2	1.6, 3.0	1.3	0.7, 2.3	2.3	1.1, 4.6	
	AG	7.8	5.0, 12.0	8.3	6.1, 11.1	7.5	5.0, 11.2	7.1	5.2, 9.8	7.6	5.0, 11.6	6.1	4.7, 7.9	4.9	3.5, 6.9	9.0	5.5, 14.5	24.8	18.2, 32.8	22.2	19.4, 25.1	18.3	14.8, 22.3	18.7	15.2, 22.9	
	GG	92.2	88.0, 95.0	91.7	88.9, 93.9	92.4	88.7, 95.0	92.5	90.1, 94.3	92.4	88.4, 95.0	93.5	91.9, 94.9	94.8	92.7, 96.3	90.9	85.6, 94.4	74.7	66.7, 81.4	75.7	72.1, 78.9	80.4	76.2, 84.0	79.0	74.8, 82.7	

CI, confidence interval; NA, not applicable.

* $P < 0.05$ after adjustment for race/ethnicity.

^a 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/>).

^b Variant also known as rs1799768 and rs1799889.