

Supplementary Table 5. ORs and 95% CIs of all SNPs among European American (EA) and African American (AA) women by HRT usage in WCHS.

Gene	SNP	Chr.	Geno	European American						African American					
				HRT Use			No HRT Use			HRT Use			No HRT Use		
				Ca/Co	OR(95%CI) ^a	P-trend	Ca/Co	OR(95%CI)	P-trend	Ca/Co	OR(95%CI)	P-trend	Ca/Co	OR(95%CI)	P-trend
COMT	rs4633	22	GG	23/27	1.00	0.96	40/46	1.00	0.84	7/4	1.00	0.93	23/28	1.00	0.78
			GA	75/66	1.34 (0.66-2.72)		82/72	1.19 (0.66-2.13)		32/25	1.15 (0.26-5.04)		96/110	1.03 (0.53-2.00)	
			AA	35/40	1.08 (0.5-2.37)		42/36	1.06 (0.53-2.13)		38/33	1.06 (0.24-4.74)		104/123	0.95 (0.49-1.85)	
CYP17A1	rs10883782	10	AA	92/91	1.00	0.90	102/100	1.00	0.41	61/49	1.00	0.62	165/210	1.00	0.13
			AG	36/34	1.08 (0.59-2.00)		53/46	1.2 (0.7-2.06)		14/14	0.66 (0.26-1.66)		54/48	1.60 (1.00-2.57)	
			GG	5/7	0.73 (0.2-2.68)		10/6	1.41 (0.43-4.65)		1/0	1244161.16 (0-)		3/3	0.65 (0.11-3.83)	
CYP17A1	rs12413409	10	GG	110/105	1.00	0.87	131/126	1.00	N/A	66/59	1.00	N/A	198/242	1.00	N/A
			GA	19/26	0.68 (0.33-1.39)		34/25	1.26 (0.66-2.44)		10/4	1.7 (0.45-6.41)		25/19	1.44 (0.75-2.79)	
			AA	4/2	3.06 (0.44-21.02)		0/2	N/A		0/0	N/A		0/0	N/A	
CYP17A1	rs2486758	10	AA	84/85	1.00	0.82	95/96	1.00	0.41	68/54	1.00	N/A	196/228	1.00	0.96
			AG	44/44	1.04 (0.59-1.82)		60/52	1.34 (0.8-2.27)		9/9	0.79 (0.26-2.36)		27/32	1.07 (0.60-1.93)	
			GG	5/4	1.21 (0.27-5.33)		11/6	1.04 (0.32-3.37)		0/0	N/A		1/2	0.57 (0.04-8.04)	
CYP17A1	rs6162	10	GG	44/39	1.00	0.50	64/51	1.00	0.12	31/26	1.00	0.95	86/105	1.00	0.90
			GA	55/71	0.72 (0.39-1.33)		77/72	0.81 (0.47-1.39)		35/27	1.19 (0.55-2.59)		109/119	1.2 (0.79-1.83)	
			AA	33/23	1.42 (0.66-3.04)		25/30	0.56 (0.27-1.15)		11/9	0.93 (0.31-2.79)		29/38	0.93 (0.51-1.70)	
CYP17A1	rs619824	10	CC	40/39	1.00	0.32	61/53	1.00	0.27	12/8	1.00	0.58	28/42	1.00	0.78
			CA	57/69	0.84 (0.46-1.55)		80/73	0.93 (0.54-1.6)		36/29	0.83 (0.27-2.52)		104/115	1.26 (0.7-2.29)	
			AA	36/25	1.54 (0.73-3.27)		25/28	0.64 (0.31-1.32)		29/26	0.74 (0.24-2.22)		91/104	1.18 (0.64-2.16)	
CYP19A1	rs10046	15	AA	34/34	1.00	0.40	42/46	1.00	0.89	6/5	1.00	0.59	18/13	1.00	0.28
			AG	73/71	1.09 (0.58-2.04)		87/67	1.46 (0.8-2.66)		27/25	0.7 (0.18-2.79)		82/95	0.48 (0.21-1.08)	
			GG	26/28	0.67 (0.30-1.51)		36/41	1.03 (0.51-2.08)		44/33	1.01 (0.27-3.82)		123/154	0.49 (0.22-1.09)	
CYP19A1	rs11575899	15	II	52/57	1.00	0.78	68/74	1.00	0.32	33/35	1.00	0.21	110/111	1.00	0.22
			ID	67/61	1.22 (0.69-2.18)		81/59	1.7 (0.99-2.9)		33/23	1.44 (0.66-3.13)		88/116	0.78 (0.52-1.18)	
			DD	14/15	0.68 (0.27-1.72)		16/21	1.09 (0.48-2.49)		10/5	1.99 (0.56-7.11)		25/35	0.74 (0.4-1.38)	
CYP19A1	rs2445765	15	CC	86/90	1.00	.61606	113/101	1.00	0.43	42/35	1.00	0.61	138/148	1.00	0.21
			CG	44/39	1.10 (0.61-1.97)		51/49	0.85 (0.5-1.45)		30/25	0.95 (0.45-2)		79/100	0.89 (0.6-1.34)	
			GG	3/4	1.51 (0.29-7.83)		2/4	0.55 (0.08-3.52)		5/3	2.29 (0.43-12.23)		7/14	0.46 (0.16-1.28)	
CYP19A1	rs4775936	15	GG	30/29	1.00	0.80	44/52	1.00	0.60	56/43	1.00	0.68	155/198	1.00	0.06
			GA	78/74	1.54 (0.77-3.08)		86/65	1.59 (0.89-2.84)		20/19	0.85 (0.37-1.93)		59/57	1.33 (0.84-2.12)	
			AA	25/30	1.13 (0.5-2.58)		35/36	1.13 (0.56-2.27)		1/1	0.79 (0.04-16.13)		10/7	2.88 (0.98-8.22)	
CYP19A1	rs700518	15	GG	27/30	1.00	0.85	40/40	1.00	0.65	2/4	1.00	0.74	12/10	1.00	0.18
			GA	76/76	1.17 (0.6-2.27)		87/70	1.30 (0.70-2.41)		28/20	2.21 (0.34-14.23)		76/82	0.54 (0.21-1.4)	
			AA	29/27	0.91 (0.4-2.07)		39/44	0.86 (0.42-1.74)		47/39	2.04 (0.33-12.57)		136/170	0.48 (0.19-1.21)	
CYP19A1	rs700519	15	GG	125/122	1.00	N/A	157/141	1.00	N/A	58/39	1.00	0.06	165/186	1.00	0.28
			GA	8/11	0.78 (0.26-2.31)		9/11	0.62 (0.22-1.72)		18/23	0.4 (0.17-0.92)		56/65	0.97 (0.62-1.52)	
			A/A	0/0	N/A		0/1	N/A		1/1	0.56 (0.03-11.2)		3/11	0.31 (0.08-1.22)	
CYP19A1	rs727479	15	AA	52/57	1.00	0.81	68/73	1.00	0.29	44/39	1.00	0.41	143/162	1.00	0.39
			AC	67/60	1.26 (0.7-2.24)		81/60	1.68 (0.98-2.88)		29/23	1.15 (0.54-2.43)		70/86	0.86 (0.57-1.3)	

			CC	14/15	0.69 (0.27-1.73)		17/21	1.14 (0.51-2.58)		4/1	3.3 (0.31-34.61)		11/14	0.76 (0.31-1.87)	
CYP19A1	rs749292	15	GG	29/32	1.00	0.50	48/51	1.00	0.94	25/20	1.00	0.96	73/65	1.00	0.25
			GA	78/69	1.83 (0.92-3.66)		85/72	1.18 (0.67-2.07)		37/32	0.88 (0.39-1.98)		99/132	0.62 (0.39-0.98)	
			AA	26/32	1.35 (0.6-3.04)		33/31	0.98 (0.48-2.01)		15/11	1.02 (0.35-2.97)		52/65	0.75 (0.45-1.27)	
CYP1A1	rs1378942	15	AA	53/56	1.00	0.06	60/51	1.00	0.24	1/2	1.00	0.22	4/1	1.00	0.003
			AC	54/64	1.09 (0.61-1.97)		81/82	0.71 (0.41-1.24)		9/8	3.89 (0.25-61.37)		44/37	0.11 (0.01-1.19)	
			CC	26/13	2.51 (1.08-5.83)		25/21	0.68 (0.3-1.51)		67/53	5.38 (0.39-74.39)		176/224	0.06 (0.01-0.64)	
CYP1A1	rs1799814	15	CC	114/114	1.00	0.32	143/133	1.00	0.78	75/63	1.00	N/A	222/258	1.00	N/A
			CA	15/16	0.78 (0.34-1.79)		18/17	1.11 (0.51-2.42)		2/0	N/A		1/4	0.42 (0.04-4.06)	
			AA	3/3	0.46 (0.08-2.69)		3/3	1.12 (0.19-6.72)		0/0	N/A		0/0	N/A	
CYP1A2	rs2470893	15	GG	79/78	1.00	0.81	94/88	1.00	0.76	72/58	1.00	0.52	199/244	1.00	N/A
			GA	47/49	1.10 (0.63-1.92)		64/56	1.07 (0.64-1.81)		4/4	0.73 (0.16-3.38)		20/18	1.66 (0.79-3.46)	
			AA	7/6	1.00 (0.29-3.49)		8/10	0.65 (0.21-1.96)		1/1	0.43 (0.02-9.07)		3/0	N/A	
CYP1A2	rs2472297	15	GG	94/96	1.00	0.25	114/111	1.00	0.54	73/59	1.00	N/A	206/245	1.00	N/A
			GA	33/36	1.09 (0.6-2)		47/38	1.06 (0.6-1.86)		3/4	0.44 (0.08-2.33)		16/17	1.39 (0.64-3.02)	
			AA	6/1	5.97 (0.63-56.85)		4/5	0.33 (0.07-1.54)		1/0	N/A		2/0	N/A	
CYP1A2	rs2472304	15	AA	48/50	1.00	0.06	57/49	1.00	0.22	2/2	1.00	0.15	4/1	1.00	0.01
			AG	59/69	1.06 (0.59-1.89)		81/80	0.69 (0.39-1.21)		8/11	1.12 (0.1-12.11)		47/42	0.10 (0.01-1.11)	
			GG	25/12	2.66 (1.12-6.32)		28/24	0.67 (0.31-1.43)		67/50	2.39 (0.26-22.25)		172/218	0.06 (0.01-0.64)	
CYP1A2	rs762551	15	AA	59/62	1.00	0.09	72/67	1.00	0.68	30/21	1.00	0.85	83/84	1.00	0.14
			AC	58/65	1.09 (0.62-1.91)		80/77	0.75 (0.44-1.28)		33/31	0.76 (0.34-1.69)		104/130	0.7 (0.45-1.07)	
			CC	16/6	3.32 (1.14-9.67)		14/10	1.13 (0.44-2.93)		14/11	1.01 (0.34-3.03)		37/47	0.7 (0.4-1.24)	
CYP1B1	rs1056836	2	GG	46/45	1.00	0.84	48/49	1.00	0.93	7/4	1.00	0.26	13/9	1.00	0.82
			GC	58/60	0.99 (0.54-1.82)		91/77	1.75 (0.98-3.11)		24/28	0.34 (0.07-1.63)		77/108	0.62 (0.23-1.63)	
			CC	28/28	1.09 (0.53-2.24)		26/27	0.8 (0.36-1.78)		46/31	0.82 (0.17-4)		134/145	0.73 (0.28-1.91)	
CYP1B1	rs1800440	2	AA	85/97	1.00	0.20	109/109	1.00	0.12	70/60	1.00	0.40	208/241	1.00	N/A
			AG	44/32	1.59 (0.88-2.87)		51/40	1.41 (0.82-2.44)		7/3	1.98 (0.41-9.55)		16/17	1.14 (0.53-2.44)	
			GG	4/3	1.12 (0.23-5.51)		6/3	2.36 (0.51-10.85)		0/0	N/A		0/2	N/A	
CYP2C9	rs1057910	10	AA	114/111	1.00	N/A	137/130	1.00	N/A	76/61	1.00	N/A	213/251	1.00	N/A
			AC	17/20	0.75 (0.35-1.64)		26/20	1.48 (0.73-3.00)		0/2	N/A		8/9	1.12 (0.4-3.19)	
			CC	0/1	N/A		2/0	N/A		0/0	N/A		0/0	N/A	
CYP3A4	rs4987161	7	AA	131/131	1.00	N/A	160/152	1.00	N/A	77/63	1.00	N/A	220/261	1.00	N/A
			AG	1/1	0.94 (0.05-17.02)		6/1	7.06 (0.75-66.01)		0/0	N/A		4/0	N/A	
			GG	0/1	N/A		0/0	N/A		0/0	N/A		0/0	N/A	
CYP3A5	rs776746	7	GG	112/109	1.00	N/A	143/131	1.00	N/A	6/13	1.00	0.02	24/29	1.00	0.57
			GA	20/23	0.87 (0.42-1.79)		22/23	0.75 (0.36-1.53)		28/27	1.82 (0.54-6.19)		100/103	0.98 (0.5-1.89)	
			AA	1/0	N/A		1/0	N/A		43/23	3.96 (1.14-13.72)		99/130	0.87 (0.45-1.68)	
CYP3A7	rs2257401	7	GG	105/109	1.00	0.68	134/126	1.00	0.52	16/24	1.00	0.08	46/55	1.00	0.49
			GC	27/22	1.26 (0.63-2.49)		30/27	0.87 (0.45-1.68)		34/23	1.99 (0.82-4.87)		120/130	0.96 (0.58-1.59)	
			CC	1/1	0.12 (0.01-45.9)		1/1	0.31 (0.01-6.33)		26/16	2.39 (0.9-6.32)		55/74	0.83 (0.47-1.46)	
ESR1	rs1801132	6	GG	74/88	1.00	0.02	94/104	1.00	0.08	58/53	1.00	0.18	173/203	1.00	N/A
			GC	45/42	1.38 (0.77-2.46)		61/47	1.38 (0.81-2.36)		18/8	3.03 (1.07-8.59)		47/58	0.98 (0.61-1.58)	

			CC	14/3	5.25 (1.35-20.41)		9/3	3.17 (0.69-14.46)		1/2	0.52 (0.04-7.11)		3/0	N/A	
ESR1	rs2046210	6	GG	54/48	1.00	0.61	63/66	1.00	0.02	10/12	1.00	0.17	32/40	1.00	0.66
			GA	57/68	0.76 (0.42-1.36)		82/78	1.16 (0.69-1.97)		33/31	1.32 (0.46-3.79)		108/111	1.08 (0.61-1.92)	
			AA	22/17	0.91 (0.39-2.12)		21/10	3.69 (1.44-9.43)		34/20	2.03 (0.68-6.07)		84/110	0.93 (0.52-1.67)	
ESR1	rs2228480	6	GG	94/98	1.00	0.55	109/106	1.00	0.30	53/40	1.00	0.62	153/186	1.00	0.30
			GA	33/32	1.00 (0.54-1.87)		50/40	1.26 (0.72-2.21)		18/22	0.59 (0.26-1.33)		57/65	1.19 (0.76-1.85)	
			AA	4/2	3.08 (0.45-21.28)		5/4	1.7 (0.4-7.3)		4/1	2.64 (0.25-28.12)		9/7	1.55 (0.53-4.51)	
ESR1	rs2234693	6	AA	33/39	1.00	0.18	62/40	1.00	0.11	26/13	1.00	0.31	46/65	1.00	0.97
			AG	69/66	1.51 (0.79-2.86)		80/85	0.58 (0.33-1.02)		31/34	0.34 (0.13-0.88)		114/115	1.28 (0.78-2.1)	
			GG	31/28	1.65 (0.77-3.57)		24/28	0.61 (0.28-1.31)		19/16	0.58 (0.21-1.63)		64/81	1.02 (0.59-1.76)	
ESR1	rs3020314	6	AA	50/71	1.00	0.009	75/75	1.00	0.29	9/8	1.00	0.87	12/19	1.00	0.25
			AG	66/52	1.97 (1.12-3.48)		71/70	0.94 (0.56-1.56)		33/22	1.61 (0.47-5.56)		89/107	1.49 (0.63-3.5)	
			GG	17/10	2.65 (1.00-7.17)		20/9	2.53 (0.93-6.91)		35/33	1.17 (0.33-4.12)		123/136	1.68 (0.72-3.94)	
ESR1	rs3798577	6	AA	38/46	1.00	0.22	43/47	1.00	0.27	24/17	1.00	0.39	81/75	1.00	0.48
			AG	64/63	1.22 (0.67-2.24)		91/79	1.34 (0.75-2.41)		33/28	0.83 (0.34-2.03)		94/133	0.61 (0.39-0.95)	
			GG	31/24	1.61 (0.76-3.39)		30/28	1.48 (0.71-3.06)		20/18	0.65 (0.24-1.74)		48/53	0.9 (0.53-1.54)	
ESR1	rs9383938	6	CC	111/106	1.00	0.24	135/128	1.00	N/A	60/42	1.00	N/A	161/185	1.00	0.68
			CA	19/26	0.61 (0.3-1.25)		31/24	1.39 (0.71-2.71)		17/19	0.71 (0.3-1.69)		55/70	0.95 (0.61-1.47)	
			AA	1/1	1.09 (0.06-18.91)		0/2	N/A		0/2	N/A		8/7	1.83 (0.6-5.59)	
ESR1	rs9397435	6	AA	114/113	1.00	0.77	139/132	1.00	0.42	68/46	1.00	0.06	183/220	1.00	0.30
			AG	18/19	0.86 (0.4-1.84)		26/21	1.38 (0.67-2.82)		8/16	0.33 (0.12-0.90)		40/41	1.28 (0.77-2.13)	
			GG	1/1	1.18 (0.07-20.06)		1/1	1.05 (0.06-18.58)		1/1	0.6 (0.03-11.39)		1/1	2.18 (0.12-41.16)	
ESR2	rs1255998	14	CC	101/102	1.00	0.42	122/122	1.00	0.79	19/11	1.00	0.43	40/66	1.00	0.07
			CG	29/29	1.05 (0.55-2.02)		43/29	1.29 (0.71-2.35)		37/34	0.54 (0.2-1.48)		112/130	1.58 (0.95-2.63)	
			GG	3/1	5.34 (0.46-62.43)		1/3	0.21 (0.01-3.59)		21/18	0.58 (0.18-1.85)		68/66	1.72 (0.98-3.03)	
ESR2	rs1256049	14	GG	126/123	1.00	N/A	154/143	1.00	N/A	62/47	1.00	N/A	186/218	1.00	0.81
			GA	7/8	0.97 (0.31-3.04)		12/11	0.61 (0.23-1.59)		13/16	0.58 (0.23-1.48)		37/37	1.15 (0.67-1.95)	
			AA	0/0	N/A		0/0	N/A		1/0	N/A		1/6	0.23 (0.02-2.19)	
ESR2	rs1256065	14	AA	52/52	1.00	0.74	54/60	1.00	0.49	56/51	1.00	0.14	183/203	1.00	0.21
			AC	57/59	1.00 (0.56-1.77)		84/64	1.59 (0.91-2.78)		19/11	2.25 (0.84-6.03)		40/53	0.84 (0.51-1.39)	
			CC	24/22	1.17 (0.54-2.5)		28/30	1.14 (0.57-2.28)		2/1	1.66 (0.12-22.94)		1/5	0.21 (0.02-1.93)	
ESR2	rs2987983	14	AA	54/46	1.00	0.88	70/69	1.00	0.32	18/12	1.00	0.45	33/42	1.00	0.43
			AG	57/77	0.49 (0.27-0.89)		69/66	1.12 (0.65-1.92)		30/28	0.58 (0.22-1.55)		106/127	0.97 (0.56-1.7)	
			GG	22/10	1.72 (0.68-4.35)		26/19	1.51 (0.7-3.24)		29/23	0.63 (0.23-1.76)		84/93	1.19 (0.67-2.12)	
ESR2	rs3020450	14	GG	53/45	1.00	0.89	69/66	1.00	0.29	30/29	1.00	0.84	66/81	1.00	0.19
			GA	58/78	0.50 (0.28-0.89)		71/70	1.1 (0.64-1.88)		34/21	1.4 (0.63-3.11)		105/128	0.98 (0.63-1.52)	
			AA	22/10	1.72 (0.68-4.36)		26/18	1.58 (0.73-3.43)		13/13	0.78 (0.28-2.13)		53/52	1.48 (0.86-2.53)	
HSD17B2	rs4445895	16	GG	36/49	1.00	0.57	69/52	1.00	0.30	29/28	1.00	0.60	100/126	1.00	0.34
			GA	78/55	1.87 (1.03-3.42)		71/80	0.54 (0.31-0.93)		42/29	1.31 (0.6-2.82)		95/104	1.21 (0.8-1.83)	
			AA	19/29	1.06 (0.49-2.3)		26/22	0.86 (0.41-1.8)		6/6	1.15 (0.29-4.5)		29/31	1.27 (0.68-2.35)	
PR	rs1042838	11	CC	97/84	1.00	0.48	121/107	1.00	0.49	73/57	1.00	0.54	207/235	1.00	0.40
			CA	29/43	0.64 (0.35-1.18)		41/41	0.87 (0.49-1.54)		3/6	0.6 (0.12-3.06)		13/25	0.52 (0.23-1.15)	

			AA	6/5	1.45 (0.37-5.65)		2/2	0.43 (0.03-5.43)		N/A		2/0	1490593.49 (0-.)			
SRD5A1	rs3736316	5	GG	49/47	1.00	0.72	61/49	1.00	0.15	37/34	1.00	0.25	96/116	1.00	0.33	
			GA	64/66	0.99 (0.55-1.79)		79/75	0.79 (0.46-1.37)			33/24	1.49 (0.67-3.29)		100/121	1.08 (0.72-1.62)	
			AA	20/20	1.21 (0.53-2.77)		26/30	0.58 (0.28-1.22)			7/5	1.89 (0.47-7.58)		28/25	1.43 (0.74-2.75)	
SRD5A1	rs3822430	5	AA	50/47	1.00	0.86	62/49	1.00	0.12	37/34	1.00	0.25	95/116	1.00	0.29	
			AG	63/65	0.96 (0.53-1.74)		78/75	0.75 (0.43-1.29)			33/24	1.49 (0.67-3.29)		99/121	1.09 (0.73-1.64)	
			GG	20/21	1.11 (0.49-2.53)		26/30	0.56 (0.27-1.18)			7/5	1.89 (0.47-7.58)		28/24	1.48 (0.77-2.87)	
SRD5A2	rs523349	2	CC	71/64	1.00	0.15	79/68	1.00	0.97	45/35	1.00	0.65	132/131	1.00	0.21	
			CG	56/56	0.96 (0.56-1.67)		73/71	1 (0.6-1.68)			29/26	0.76 (0.36-1.6)		76/112	0.7 (0.47-1.05)	
			GG	6/13	0.29 (0.09-0.94)		14/13	1.02 (0.4-2.58)			3/2	1.25 (0.16-9.56)		16/19	0.91 (0.42-1.94)	
UGT1A1	rs10929302	2	GG	69/56	1.00	0.08	70/72	1.00	0.90	44/28	1.00	0.12	108/137	1.00	0.29	
			GA	50/59	0.73 (0.42-1.28)		80/67	1.16 (0.69-1.96)			28/26	0.62 (0.29-1.33)		100/103	1.37 (0.92-2.05)	
			AA	14/18	0.48 (0.2-1.17)		16/15	0.9 (0.38-2.15)			5/9	0.42 (0.11-1.62)		15/21	1.07 (0.5-2.3)	
UGT1A1	rs4124874	2	AA	43/31	1.00	0.08	39/47	1.00	0.48	2/1	1.00	0.21	7/8	1.00	0.28	
			AC	64/67	0.71 (0.37-1.34)		88/70	1.78 (0.98-3.24)			21/15	0.91 (0.07-11.8)		57/82	0.98 (0.3-3.22)	
			CC	26/35	0.51 (0.24-1.08)		39/37	1.25 (0.63-2.5)			54/47	0.51 (0.04-6.12)		160/172	1.27 (0.4-4.06)	
UGT1A6	rs2070959	2	AA	62/52	1.00	0.26	68/61	1.00	0.84	47/33	1.00	0.15	130/166	1.00	0.32	
			AG	53/63	0.7 (0.4-1.24)		76/75	0.99 (0.58-1.68)			27/25	0.64 (0.3-1.38)		80/81	1.27 (0.84-1.91)	
			GG	18/16	0.72 (0.31-1.66)		22/17	1.13 (0.5-2.52)			3/5	0.39 (0.07-2.07)		13/15	1.18 (0.51-2.75)	
UGT1A9	rs6714486	2	TT	128/118	1.00	N/A	145/135	1.00	N/A	50/41	1.00	0.47	168/189	1.00	0.08	
			TA	5/13	0.31 (0.1-0.97)		19/17	1.19 (0.55-2.6)			24/18	0.95 (0.43-2.13)		49/63	0.73 (0.46-1.16)	
			AA	0/0	N/A		N/A				2/4	0.39 (0.06-2.52)		6/8	0.46 (0.14-1.53)	
UGT2B15	rs1902023	4	AA	37/38	1.00	0.44	47/38	1.00	0.06	10/15	1.00	0.88	37/45	1.00	0.77	
			AC	69/62	0.96 (0.51-1.79)		91/77	0.80 (0.44-1.45)			49/29	2.68 (0.99-7.28)		110/124	1.14 (0.66-1.96)	
			CC	26/32	0.73 (0.34-1.56)		28/39	0.44 (0.21-0.95)			18/19	1.33 (0.43-4.07)		76/93	0.97 (0.54-1.72)	

Abbreviations: Geno, genotype; Ca/Co, numbers of cases and controls; OR, odds ratio; 95%CI, 95% confidence interval; EA, European American; AA, African American; P for trend, *p* value for linear trend.

^a Adjusted for age at diagnosis (continuous), education (less than high school, high school, college and graduate school), family history of breast cancer (yes, no), history of benign breast disease (yes, no), menopausal status (premenopausal, postmenopausal), number of full pregnancies (continuous), breast feeding (yes, no, nulliparous), estrogenmonth (continuous), body mass index (continuous) and proportion of European ancestry (continuous).