

Table IV. Effect modifications of the association between endometriosis and serum organochlorine levels by CYP1B1 gene polymorphism

CYP gene polymorphism	Serum organochlorines ^a	Endometriosis					
		Controls			Advanced (Stage III-IV)		
		n	n	Adjusted ORs (95% CI) ^b	n	n	Adjusted ORs (95% CI) ^b
CYP1B1 Leu432Val	Dioxins						
	Low (<18.18)	20	12	1	23	1	
	High (>=18.18)	20	9	0.84 (0.27-2.62)	11	0.53 (0.20-1.41)	
Leu/Val, Val/Val	Low (<18.18)	9	5	1	9	1	
	High (>=18.18)	10	5	1.20 (0.21-6.87)	4	0.35 (0.07-1.63)	
P for interaction							0.84
CYP1B1 Leu432Val	PCBs						
	Low (<1.21)	18	11	1	22	1	
	High (>=1.21)	22	9	0.73 (0.23-2.28)	12	0.49 (0.18-1.38)	
Leu/Val, Val/Val	Low (<1.21)	11	6	1	5	1	
	High (>=1.21)	8	4	1.15 (0.21-6.25)	9	2.36 (0.56-10.0)	
P for interaction							0.05†

CYP1B1 Leu432Val	Total dioxins/PCBs		20	12	1	23	1	
	Leu/Leu	Low (<20.32)						
Leu/Leu	High (>=20.32)	20	8	0.72 (0.23-2.25)	11	0.52 (0.20-1.39)	1	
Leu/Val, Val/Val	Low (<20.32)	9	5	1	9		1	
Leu/Val, Val/Val	High (>=20.32)	10	5	1.20 (0.21-6.87)	4	0.35 (0.07-1.63)		
P for interaction							0.70	0.84

^a pg TEQ/g lipids

^b Adjusted for age.

*P < 0.1 for interaction terms.