

Table S1. Differential chromosomal regions between each age-of-onset group, for each colon location.

		RIGHT CC		LEFT CC		RECTAL CANCER		
		Early-onset	Late-onset	Early-onset	Late-onset	Early-onset	Late-onset	
		%	%	%	%	%	%	
chr1	p36.32	0	37					
	p36.32-36.13					5	41	
	p36.32-36.31	46	14	29	0			
	p36.31	0	34					
	p36.23-36.22					37	12	
	p36.13-36.12					5	32	
	p35.3-35.2	46	14					
	p35.2-34.3	0	31			0	32	
	p34.3	46	14					
	p32.3-22.2	0	51					
	p21.3-11.2	0	51					
	p12-q21.1			63	10			
	q21.1-21.2	0	40					
	q21.1-21.2	69	23	55	10			
	q22-23.1					0	21	
	q23.2-24.3	0	29					
	q25.1-31.3	12	34					
	q32.1-32.2	12	34					
	q32.2	0	37					
	q32.3	0	40					
	q41	0	34					
	q42.2	0	31					
	q42.2	0	34					
	q42.3	0	37					
	q43	0	31					
	chr2	p25.2	0	51				
		p25.1-24.1	0	43	41	5		
		p23.2-22.2	0	37				
		p22.1-21	0	37				
		p16.3-16.2	0	43				
		p16.1	0	46				
		p14-13.3	0	40				
		p12	0	43				
p11.2		54	20					
p11.2-11.1				48	10			
p11.2		0	37					
p11.1-q11.2		0	29					
q11.2-12.1		0	43					
q12.2-12.3		0	43					
q12.3-21.1		0	37					
q13				48	16			
q14.1-14.2		0	43	37	5			
q14.3		0	49	33	0			
q21.1		0	37	26	0			
q21.2		0	37	26	0			
q22.1-35		0	40	22	0			
q32.3						5	32	
q35-36.1						5	32	

chr3	q36.1	0	31				
	q36.3	0	34				
	q37.1-37.3	0	34				
	p25.3	0	31				
chr4	p21.31-21.1					42	32
	q26.31			22	0		
chr5	q31.3			33	5		
	q32.1			37	5		
chr6	q13.1-13.2			67	16		
	q13.2					5	53
chr7	p13.3	0	29				
	p12.2-12.2			33	5		
chr8	p11.2-11.1			44	11		
	q25.3	0	29				
chr9	p15.2	8	40				
	p14.3-14.1	8	40				
chr10	p13-12.3	8	46				
	p12.2-11.2	15	54				
chr11	q11.21	15	54				
	q11.22-21.11	15	63				
chr12	q21.11-21.12	8	40				
	q21.13-21.1	8	51				
chr13	q21.3	8	40				
	q22.1-31.33	15	57				
chr14	q32.3-34	8	46				
	q35	8	46				
chr15	p23.1-21.3	0	31				
	q22.1	8	40				
chr16	q24.21	8	43				
	q24.21-24.22			44	11		
chr17	p13.3-13.2					0	20
	p13.1	8	46				
chr18	p12-11.2	0	46				
	p12-q24.22			59	21		
chr19	q12-13	0	51				
	q21.11	0	49				
chr20	q21.11-21.12					0	26
	q21.31-21.32					0	26
chr21	q31.3-33.1			52	16		
	q33.2			22	0		
chr22	q33.3	62	29				
	q34.12-34.13	62	29				
chr23	p15.3	0	34				
	p15.3-15.1					21	3
chr24	p14	0	31				
	p14					21	3
chr25	p12.31					0	21
	q11.21-11.22	0	40			8	23
chr26	q11.21-11.22	70	23				
	q22.2-23.32	0	40	48	16		
chr27	q23.32-23.33					21	3
	q23.33-24.1					0	21
chr28	q26.12-26.13	0	29				

chr11	q26.13-26.2	0	29				
	p15.5-15.4			37	5		
	p15.2			48	16		
	p11.12-q12.1			63	21		
chr12	q14.1-14.3			59	21		
	q24.13-24.3	0	37				
	p13.31	8	40				
	p13.2-13.1	0	31				
	p12.3	0	29				
	p12.2	0	29				
	p12.1	0	29				
	p11.21	0	37				
	q24.13-24.32	0	31				
	q24.32-24.33	0	31				
chr13	q11	8	51				
	q12.11-12.13	8	46				
	q12.2-12.3	8	40				
	q14.11-14.13	8	43				
	q14.2-14.3	8	40				
	q31.3-32.3	8	49				
	q11.1-11.2	85	37				
chr14	q11.22			44	5		
	q12	8	40				
chr15	p11.1-q11.2			0	26		
	q11.2	8	40				
chr16	q14	8	46				
	q15.3	8	43				
	q21.1	8	46				
	q21.2-26.3	0	37				
	p13.3	0	29				
	p13.12-13.11	54	11				
	p12.2-p11.2	31	6				
	q12.1-q22.1	0	31				
	q21					21	3
	q23.1-q23.3	0	29				
chr17	p13.3			44	11		
	p13.3					0	24
	p13.1-12			30	0		
	p11.2	62	29				
	q22-23.1			48	16		
chr18	q24.2-24.3	0	29				
	p11.32-11.21	0	54				
	p11.31-11.22					21	3
	q11.2-12.3	8	49				
	q21.1-21.2	8	51				
	q21.31-21.33	8	54				
	q22.1-23	8	46				
chr19	p13.12-12	0	31	59	26		
	q13.12			48	16		
chr20	p12.2-11.23	0	29				
chr21	q22.3	62	26				
	q22.3	0	29				
chr22	q13.31-13.32	0	29				

CC: Colon Cancer; Chr: chromosome. Green: gained regions. Red: lost regions. Percentages shown in bold indicate frequencies that are at least twice as high in one age-of-onset group as in the other.