

Table SIV. Distribution of characteristics by subgroups defined by the presence/absence of R variants in MC1R

	Sporadic melanoma (n = 1,150)		Familial melanoma (n = 98)			
	Non-R (n = 832) n (%)	R (n = 318) n (%)	CDKN2A ⁻ (n = 83)		CDKN2A ⁺ (n = 15)	
			Non-R (n = 61)	R (n = 22)	Non-R (n = 11)	R (n = 4)
Sex						
Man	409 (49.2)	157 (49.4)	26 (42.6)	5 (22.7)	3 (27.3)	1 (25.0)
Woman	423 (50.8)	161 (50.6)	35 (57.4)	17 (77.3)	8 (72.7)	3 (75.0)
Age at diagnosis						
≤ 50 years	116 (13.9)	44 (13.8)	11 (18.0)	7 (31.8)	5 (45.5)	2 (50.0)
> 50 years	716 (86.1)	274 (86.2)	50 (82.0)	15 (68.2)	6 (54.5)	2 (50.0)
Eye colour						
Dark (brown/black)	504 (61.1)	192 (60.8)	33 (55.0)	13 (59.1)	9 (75.0)	3 (75.0)
Fair (blue/green)	321 (38.9)	124 (39.2)	27 (45.0)	9 (40.9)	2 (25.0)	1 (25.0)
Hair colour						
Black/brown	678 (82.2)	209 (66.3)	43 (71.7)	10 (45.5)	9 (81.8)	1 (25.0)
Blonde	144 (17.5)	63 (20.0)	16 (26.7)	6 (27.3)	1 (9.1)	3 (75.0)
Red	3 (0.4)	43 (13.7)	1 (1.7)	6 (27.3)	1 (9.1)	0 (0)
Phototype						
I-II	252 (30.7)	154 (49.0)	18 (30.0)	12 (54.5)	2 (18.2)	4 (100)
III-V	570 (69.3)	160 (51.0)	42 (70.0)	10 (45.5)	9 (81.8)	0 (0)
Lifetime severe sunburns						
≤ 5	671 (82.3)	231 (73.8)	51 (85.0)	15 (68.2)	9 (81.8)	3 (75.0)
> 5	144 (17.7)	82 (26.2)	9 (15.0)	7 (31.8)	2 (18.2)	1 (25.0)
Outdoor worker						
No	616 (75.2)	219 (70.6)	51 (83.6)	17 (81.0)	8 (72.7)	3 (75.0)
Yes	203 (24.8)	91 (29.4)	10 (16.4)	4 (19.0)	3 (27.3)	1 (25.0)
Freckling in childhood						
No	518 (74.3)	127 (48.3)	33 (63.5)	8 (42.1)	5 (62.5)	2 (50)
Yes	179 (25.7)	136 (51.7)	19 (36.5)	11 (57.9)	3 (37.5)	2 (50)
Solar lentigines						
No	118 (14.7)	23 (7.4)	8 (13.3)	5 (22.7)	3 (27.3)	0 (0)
Yes	685 (85.3)	289 (92.6)	52 (86.7)	17 (77.3)	8 (72.7)	4 (100)
Solar lentigines at melanoma site						
No	447 (55.1)	119 (38.5)	34 (55.7)	10 (45.5)	6 (60.0)	3 (75.0)
Yes	364 (44.9)	190 (61.5)	27 (44.3)	12 (54.5)	4 (40.0)	1 (25.0)
Actinic keratosis						
No	686 (86.5)	260 (85.0)	59 (98.3)	17 (77.3)	10 (90.9)	3 (75.0)
Yes	107 (13.5)	46 (15.0)	1 (1.7)	5 (22.7)	1 (9.1)	1 (25.0)
Second non-cutaneous neoplasia						
No	738 (88.8)	279 (87.7)	50 (82.0)	20 (90.9)	9 (81.8)	3 (75.0)
Yes	93 (11.2)	39 (12.3)	11 (18.0)	2 (9.1)	2 (18.2)	1 (25.0)
Personal history of basal cell carcinoma						
No	782 (94.0)	293 (92.1)	59 (96.7)	21 (95.5)	9 (81.8)	3 (75.0)
Yes	50 (6.0)	25 (7.9)	2 (3.3)	1 (4.5)	2 (18.2)	1 (25.0)
Personal history of squamous cell carcinoma						
No	824 (99.0)	310 (97.5)	58 (95.1)	19 (86.4)	11 (100)	4 (100)
Yes	8 (1.0)	8 (2.5)	3 (4.9)	3 (13.6)	0 (0)	0 (0)
Common melanocytic naevi						
< 20	707 (88.8)	241 (79.0)	51 (85.0)	18 (81.8)	8 (72.7)	2 (50.0)
≥ 20	89 (11.2)	64 (21.0)	9 (15.0)	4 (18.2)	3 (27.3)	2 (50.0)
Atypical melanocytic naevus						
No	661 (81.0)	235 (75.3)	36 (60.0)	12 (54.5)	4 (36.4)	2 (50.0)
Yes	155 (19.0)	77 (24.7)	24 (40.0)	10 (45.5)	7 (63.6)	2 (50.0)
Multiple primary melanomas						
No	798 (95.9)	301 (94.7)	55 (90.2)	19 (86.4)	6 (54.5)	3 (75.0)
Yes	34 (4.1)	17 (5.3)	6 (9.8)	3 (13.6)	5 (45.5)	1 (25.0)
Family history of pancreatic cancer						
No	802 (96.7)	308 (97.5)	58 (95.1)	21 (95.5)	11 (100)	4 (100)
Yes	27 (3.3)	8 (2.5)	3 (4.9)	1 (4.5)	0 (0)	0 (0)
Family history of cancer						
No	458 (55.2)	177 (56.0)	35 (57.4)	12 (54.5)	5 (45.5)	3 (75.0)
Yes	371 (44.8)	139 (44.0)	26 (42.6)	10 (45.5)	6 (54.5)	1 (25.0)