

Supplementary Material

Table 1s. Patient’s clinical characteristics and genetic test results.

Patient's ID	N. of melanoma diagnoses	N of melanoma diagnoses in the family ¹	Age at diagnosis of the first melanoma	FH of pancreatic cancer ¹	Total nevus count ²	Fitzpatrick skin type	Gene	Genetic change (HGVS nomenclature)	Protein change	Variant interpretation
#1	3	3	64	no	3	3	ATM	NM_000051.4: c.8734A>G	p.Arg2912Gly	VUS
#2	3	3	72	no	2	3	-	-	-	-
#3	3	3	59	no	3	3	-	-	-	-
#4	3	3	66	no	2	2	-	-	-	-
#5	3	4	54	no	3	3	ATM	NM_000051.4: c.3393G>A	p.Met1131Ile	VUS
#6	3	5	44	no	4	2	-	-	-	-
#7	5	7	28	yes	4	3	CDKN2A	NM_000077.5: c.142C>A	p.Pro48Thr	Pathogenic
#8	4	5	25	yes	3	3	CDKN2A	NM_000077.5: c.301G>T	p.Gly101Trp	Pathogenic
#9	3	3	35	no	2	3	-	-	-	-
#10	3	4	57	no	3	3	-	-	-	-
#11	3	5	62	no	2	3	-	-	-	-
#12	2	3	52	no	4	3	-	-	-	-
#13	2	3	63	no	2	3	-	-	-	-
#14	2	3	32	no	3	2	-	-	-	-
#15	1	5	23	no	4	2	-	-	-	-
#16	1	3	47	no	1	3	-	-	-	-
#17	2	3	53	no	2	2	-	-	-	-
#18	2	3	54	no	4	3	-	-	-	-
#19	2	4	52	no	4	2	-	-	-	-
#20	1	3	85	no	1	3	-	-	-	-
#21	1	4	38	no	2	2	-	-	-	-
#22	1	3	41	no	3	3	-	-	-	-
#23	1	3	41	no	2	2	-	-	-	-
#24	1	2	39	no	3	1	MITF	NM_001354604.2: c.272C>T	p.Pro91Leu	VUS
#25	1	2	31	no	2	3	-	-	-	-
#26	1	3	26	no	2	2	CDKN2A	NM_000077.5: c.150+5del	-	VUS
#27	2	3	46	no	2	3	-	-	-	-
#28	2	2	49	yes	2	3	-	-	-	-
#29	2	2	46	yes	3	2	-	-	-	-
#30	1	1	42	yes	2	2	-	-	-	-
#31	2	2	75	yes	1	2	-	-	-	-
#32	2	2	44	yes	2	3	-	-	-	-

Table 1s continues

Table 1s. Patient's clinical characteristics and genetic test results. (continued)

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#33	2	2	51	yes	4	3	<i>MITF</i>	NM_000248.4: c.952G>A	p.Glu318Lys	Pathogenic
#34	1	4	49	No	2	3	-	-	-	-
#35	2	7	44	no	3	3	<i>CDKN2A</i>	NM_000077.5: c.301G>T	p.Gly101Trp	Pathogenic

FH = family history

¹up to 2nd degree

²1 = <10, 2 = 10-50, 3 = 50-100, 4 =>100

HGVS= Human Genome Variation Society