

## Cutaneous melanoma primary site is linked to nevus density

### SUPPLEMENTARY MATERIALS

Supplementary Table 1: Distribution of non-synonymous MC1R variants in melanoma patients (No.=829)

MC1R variant	Number of patients (%)		MAF (%)
C35Y	1	(0.1)	0.1
L46F	1	(0.1)	0.1
L48P	1	(0.1)	0.1
V59M	1	(0.1)	0.1
V60L	285	(34.4)	18.9
A64T	1	(0.1)	0.1
R67W	1	(0.1)	0.1
R67Q	1	(0.1)	0.1
S83P	4	(1.0)	0.4
D84E	8	(1.0)	0.5
V92M	92	(11.1)	5.7
T95M	2	(0.2)	0.1
M128T	1	(0.1)	0.1
R142H	23	(2.8)	1.4
R142S	1	(0.1)	0.1
S145F	1	(0.1)	0.1
A149T	2	(0.2)	0.1
R151C	74	(9.4)	5.0
Y152X	1	(0.5)	0.3
I155T	29	(3.5)	1.9
V156L	1	(0.1)	0.1
R160W	65	(7.8)	4.0
R163Q	32	(3.8)	2.0
S172I	1	(0.1)	0.1
R213W	2	(0.2)	0.1
L264I	1	(0.1)	0.1
D294H	67	(8.1)	4.4
C1969DelC	2	(0.2)	0.1