

Table SI. Data of VNTR IL-1RN polymorphism determination in patients with melanoma compared with healthy controls, and in patients with metastatic melanoma compared with patients with non-metastatic melanoma.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
ME1	1	0	1.1
ME2	1	0	1.1
ME6	1	0	1.1
ME7	1	0	1.1
ME8	1	0	1.1
ME14	1	1	1.1
ME16	1	0	1.1
ME18	1	0	1.1
ME20	1	0	1.1
ME21	1	0	1.1
ME22	1	1	1.1
ME23	1	0	1.1
ME29	1	0	1.1
ME30	1	0	1.1
ME32	1	1	1.1
ME33	1	1	1.1
ME37	1	0	1.1
ME39	1	0	1.1
ME40	1	0	1.1
ME42	1	0	1.1
ME45	1	1	1.1
ME48	1	0	1.1
ME49	1	0	1.1
ME51	1	0	1.1
ME 55	1	1	1.1
ME 56	1	1	1.1
ME 58	1	1	1.1
ME 59	1	1	1.1
ME 60	1	1	1.1
ME 61	1	1	1.1
ME 62	1	1	1.1
ME 63	1	1	1.1
ME 65	1	1	1.1
ME 66	1	1	1.1
ME 67	1	1	1.1
ME 69	1	1	1.1
ME 72	1	1	1.1
ME 73	1	1	1.1
ME81	1	1	1.1
ME88	1	1	1.1
ME91	1	0	1.1
ME95	1	0	1.1
ME97	1	0	1.1
ME99	1	0	1.1
ME101	1	0	1.1
ME105	1	0	1.1
ME106	1	0	1.1
ME107	1	0	1.1
ME108	1	1	1.1
ME 109	1	1	1.1
ME 110	1	0	1.1

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
ME 112	1	0	1.1
ME 113	1	1	1.1
ME 119	1	0	1.1
ME 122	1	1	1.1
ME 124	1	1	1.1
ME 128	1	1	1.1
ME 129	1	0	1.1
ME 134	1	0	1.1
ME 135	1	0	1.1
ME 137	1	0	1.1
ME4	1	0	1.2
ME5	1	0	1.2
ME9	1	0	1.2
ME11	1	0	1.2
ME12	1	0	1.2
ME13	1	0	1.2
ME15	1	0	1.2
ME17	1	0	1.2
ME19	1	1	1.2
ME24	1	0	1.2
ME25	1	0	1.2
ME34	1	1	1.2
ME35	1	1	1.2
ME36	1	1	1.2
ME38	1	0	1.2
ME41	1	0	1.2
ME44	1	0	1.2
ME46	1	1	1.2
ME47	1	0	1.2
ME50	1	0	1.2
ME52	1	0	1.2
ME 57	1	1	1.2
ME 64	1	1	1.2
ME 70	1	1	1.2
ME 71	1	1	1.2
ME 75	1	1	1.2
ME 76	1	1	1.2
ME 77	1	1	1.2
ME 79	1	1	1.2
ME 82	1	1	1.2
ME 83	1	1	1.2
ME 84	1	1	1.2
ME85	1	0	1.2
ME87	1	0	1.2
ME89	1	0	1.2
ME90	1	1	1.2
ME92	1	0	1.2
ME93	1	1	1.2
ME94	1	1	1.2
ME96	1	0	1.2
ME98	1	1	1.2
ME100	1	0	1.2
ME102	1	1	1.2
ME103	1	0	1.2

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
ME104	1	0	1.2
ME 111	1	1	1.2
ME 114	1	0	1.2
ME 115	1	0	1.2
ME 116	1	1	1.2
ME 117	1	0	1.2
ME 120	1	1	1.2
ME 125	1	1	1.2
ME 126	1	0	1.2
ME 130	1	0	1.2
ME 131	1	0	1.2
ME 132	1	1	1.2
ME 133	1	0	1.2
ME 136	1	0	1.2
ME28	1	0	1.3
ME31	1	1	1.3
ME 118	1	0	1.3
ME 123	1	1	1.3
ME 127	1	1	1.3
ME 68	1	1	1.4
ME 80	1	0	1.5
ME10	1	1	2.2
ME27	1	0	2.2
ME 54	1	1	2.2
ME 74	1	1	2.2
ME 78	1	1	2.2
ME3	1	0	2.3
ME53	1	0	2.3
C01	0		1.1
C05	0		1.1
C06	0		1.1
C07	0		1.1
C09	0		1.1
C17	0		1.1
C18	0		1.1
C19	0		1.1
C22	0		1.1
C27	0		1.1
C28	0		1.1
C29	0		1.1
C30	0		1.1
C31	0		1.1
C32	0		1.1
C33	0		1.1
C34	0		1.1
C41	0		1.1
C42	0		1.1
C44	0		1.1
C46	0		1.1
C49	0		1.1
C50	0		1.1
C52	0		1.1
C56	0		1.1
C57	0		1.1

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
C60	0		1.1
C62	0		1.1
C63	0		1.1
C64	0		1.1
C65	0		1.1
C68	0		1.1
C73	0		1.1
C74*	0		1.1
C75	0		1.1
C76	0		1.1
C78	0		1.1
C83	0		1.1
C87	0		1.1
C88	0		1.1
C90	0		1.1
C93	0		1.1
C96	0		1.1
C98	0		1.1
C100	0		1.1
C109	0		1.1
C110	0		1.1
C117	0		1.1
C118	0		1.1
C119	0		1.1
C121	0		1.1
C122	0		1.1
C123	0		1.1
C124	0		1.1
C126	0		1.1
C127	0		1.1
130	0		1.1
147	0		1.1
178	0		1.1
197	0		1.1
570	0		1.1
590	0		1.1
593	0		1.1
603	0		1.1
608	0		1.1
624	0		1.1
625	0		1.1
658	0		1.1
667	0		1.1
678	0		1.1
691	0		1.1
697	0		1.1
702	0		1.1
725	0		1.1
771	0		1.1
1078	0		1.1
3942	0		1.1
3949	0		1.1
3956	0		1.1
3981	0		1.1

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
3990	0		1.1
4033	0		1.1
4038	0		1.1
4041	0		1.1
4064	0		1.1
4105	0		1.1
4109	0		1.1
4137	0		1.1
4141	0		1.1
4147	0		1.1
4167	0		1.1
4187	0		1.1
4281	0		1.1
4621	0		1.1
4625	0		1.1
4636	0		1.1
4639	0		1.1
4645	0		1.1
4656	0		1.1
4666	0		1.1
4668	0		1.1
4669	0		1.1
4671	0		1.1
4673	0		1.1
4682	0		1.1
4689	0		1.1
4692	0		1.1
4703	0		1.1
4709	0		1.1
4716	0		1.1
4717	0		1.1
4720	0		1.1
4722	0		1.1
4723	0		1.1
4727	0		1.1
4735	0		1.1
4747	0		1.1
4749	0		1.1
4750	0		1.1
4753	0		1.1
4758	0		1.1
4760	0		1.1
4833	0		1.1
4836	0		1.1
4840	0		1.1
4845	0		1.1
4908	0		1.1
4943	0		1.1
4953	0		1.1
4954	0		1.1
4958	0		1.1
4974	0		1.1
5019	0		1.1
5061	0		1.1

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
5083	0		1.1
5102	0		1.1
5111	0		1.1
5128	0		1.1
5150	0		1.1
5161	0		1.1
5228	0		1.1
5255	0		1.1
5262	0		1.1
5263	0		1.1
5285	0		1.1
5309	0		1.1
5345	0		1.1
5483	0		1.1
5502	0		1.1
5669	0		1.1
5682	0		1.1
5696	0		1.1
5710	0		1.1
5715	0		1.1
5722	0		1.1
5728	0		1.1
5738	0		1.1
5739	0		1.1
5742	0		1.1
5748	0		1.1
5770	0		1.1
5771	0		1.1
5777	0		1.1
5780	0		1.1
5782	0		1.1
5789	0		1.1
5820	0		1.1
5825	0		1.1
5828	0		1.1
5834	0		1.1
5835	0		1.1
5846	0		1.1
5855	0		1.1
5865	0		1.1
5867	0		1.1
5882	0		1.1
5889	0		1.1
5898	0		1.1
5901	0		1.1
5908	0		1.1
5912	0		1.1
6016	0		1.1
6018	0		1.1
6024	0		1.1
6046	0		1.1
6059	0		1.1
6068	0		1.1
6074	0		1.1

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
6096	0		1.1
6124	0		1.1
6130	0		1.1
6151	0		1.1
6154	0		1.1
6201	0		1.1
6235	0		1.1
6241	0		1.1
6244	0		1.1
6283	0		1.1
6300	0		1.1
6303	0		1.1
6305	0		1.1
6310	0		1.1
6314	0		1.1
6335	0		1.1
6343	0		1.1
6365	0		1.1
6376	0		1.1
6381	0		1.1
6382	0		1.1
6394	0		1.1
6423	0		1.1
6463	0		1.1
12S	0		1.1
13S	0		1.1
2S	0		1.1
6S	0		1.1
9S	0		1.1
P3730	0		1.1
P3865	0		1.1
P3925	0		1.1
11S	0		1.1
C03	0		1.2
C04	0		1.2
C10	0		1.2
C12	0		1.2
C13	0		1.2
C15	0		1.2
C16	0		1.2
C21	0		1.2
C24	0		1.2
C26	0		1.2
C36	0		1.2
C37	0		1.2
C39	0		1.2
C40	0		1.2
C43	0		1.2
C47	0		1.2
C51	0		1.2
C53	0		1.2
C58	0		1.2
C59	0		1.2
C67	0		1.2

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
C69	0		1.2
C71	0		1.2
C72	0		1.2
C77	0		1.2
C79	0		1.2
C80	0		1.2
C81	0		1.2
C82	0		1.2
C84	0		1.2
C86	0		1.2
C89	0		1.2
C91	0		1.2
C92	0		1.2
C94	0		1.2
61	0		1.2
62	0		1.2
131	0		1.2
533	0		1.2
586	0		1.2
587	0		1.2
619	0		1.2
623	0		1.2
631	0		1.2
632	0		1.2
633	0		1.2
636	0		1.2
637	0		1.2
687	0		1.2
700	0		1.2
704	0		1.2
773	0		1.2
3480	0		1.2
4011	0		1.2
4019	0		1.2
4103	0		1.2
4130	0		1.2
4633	0		1.2
4634	0		1.2
4658	0		1.2
4661	0		1.2
4663	0		1.2
4707	0		1.2
4738	0		1.2
4756	0		1.2
4757	0		1.2
4759	0		1.2
4761	0		1.2
4774	0		1.2
4798	0		1.2
4841	0		1.2
4878	0		1.2
4972	0		1.2
5033	0		1.2
5183	0		1.2

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
5233	0		1.2
5305	0		1.2
5662	0		1.2
5664	0		1.2
5672	0		1.2
5673	0		1.2
5675	0		1.2
5688	0		1.2
5701	0		1.2
5707	0		1.2
5718	0		1.2
5767	0		1.2
5815	0		1.2
5819	0		1.2
5823	0		1.2
5827	0		1.2
5840	0		1.2
5843	0		1.2
5857	0		1.2
5858	0		1.2
5904	0		1.2
5914	0		1.2
5981	0		1.2
6011	0		1.2
6070	0		1.2
6183	0		1.2
6211	0		1.2
6248	0		1.2
6258	0		1.2
6266	0		1.2
6384	0		1.2
6388	0		1.2
6411	0		1.2
6438	0		1.2
6451	0		1.2
6460	0		1.2
6468	0		1.2
10S	0		1.2
C114	0		1.3
C120	0		1.3
581	0		1.3
596	0		1.3
4641	0		1.3
4650	0		1.3
4672	0		1.3
4789	0		1.3
5594	0		1.3
5798	0		1.3
5811	0		1.3
5821	0		1.3
6138	0		1.3
C02	0		2.2
C23	0		2.2
C45	0		2.2

Table SI. Continued.

Patient identification number	Cases_vs_controls	Metastatic_vs_non-metastatic	VNTR
C48	0		2.2
C54	0		2.2
C55	0		2.2
C97	0		2.2
C108	0		2.2
617	0		2.2
620	0		2.2
677	0		2.2
689	0		2.2
696	0		2.2
767	0		2.2
793	0		2.2
1064	0		2.2
3946	0		2.2
4160	0		2.2
4178	0		2.2
4558	0		2.2
4664	0		2.2
4835	0		2.2
4864	0		2.2
4895	0		2.2
4904	0		2.2
4940	0		2.2
5753	0		2.2
5760	0		2.2
5781	0		2.2
5822	0		2.2
C35	0		2.3
605	0		2.3
4662	0		2.3
5778	0		2.3
4035	0		3.3

The column denoted 'Cases\_vs\_control' indicates in a binary fashion melanoma cases as 1 and healthy controls as 0. The column denoted 'metastatic\_vs\_non-metastatic' denotes metastatic melanomas as 1 and non-metastatic melanomas as 0. The column denoted 'VNTR' indicates the genomic variants: 1.1 denoted homozygous carriers of allele 1 (corresponding to 4 repeats of the 86-bp region); 1.2 denoted heterozygous carriers of allele 1 and allele 2 (corresponding to 2 repeats also defined as short allele); 1.3 denoted heterozygous carriers of allele 1 and allele 3 (corresponding to 5 repeats); 1.4 denoted heterozygous carriers of allele 1 and allele 4 (corresponding to 3 repeats); 1.5 denoted heterozygous carriers of allele 1 and allele 5 (corresponding to 6 repeats); 2.2 denoted homozygous carriers of allele 2; 3.3 denoted homozygous carriers of allele 3; 2.3 denoted heterozygous carriers of allele 2 and allele 3. IL-1RN, interleukin-1 receptor antagonist gene; VNTR, variable number tandem repeat.