

#	INK4a genotype	sex	age (weeks)	site of tumor formation	metastasis phenotype
1	-/-	M	28	neck, hindlimb, rectum	inguinal and superficial cervical LN ²
2	-/-	M	33	hindlimb	inguinal LN ²
3	-/-	F	31	multiple (back, face)	n.d.
4	-/-	F	32	multiple (back, face, head)	multiple LN ²
5	-/-	F	30	trunk (3 tumors)	multiple LN ¹
6	-/-	F	42	paw, belly	sacral LN ¹
7	-/-	F	28	forelimb, trunk	superficial cervical LN ² , liver
8	-/-	F	29	multiple (forelimb, back)	inguinal and superficial cervical LN ¹ , lung
9	-/-	F	27	neck, face	superficial cervical LN ¹
10	-/-	F	37	trunk	n.d.
11	-/-	F	29	multiple (forelimb, ear, back)	multiple LN ²
12	-/-	M	19	trunk	n.d.
13	-/-	M	35	multiple (back)	n.d.
14	-/-	F	26	face, forelimb, belly	superficial cervical LN ¹
15	-/-	F	22	multiple (rectum, paw, belly)	inguinal LN ²
16	-/-	M	23	multiple (back, face)	inguinal LN ¹ , lung
17	-/-	M	25	multiple (back, face)	superficial cervical LN ¹ , lung
18	+/-	F	41	back, hindlimb	brachial LN ² and superficial cervical LN ¹
19	+/-	F	65	trunk, ear, face	multiple LN ²
20	+/-	F	48	neck	n.d.
21	+/-	M	49	back	superficial cervical LN ²
22	+/-	M	41	multiple (face, ear, forelimb)	liver, lung
23	+/-	F	38	back	n.d.
24	+/-	M	52	back (2 tumors)	axillary and brachial LN ¹ , lung
25	+/-	F	48	multiple (back, neck, face)	inguinal LN ¹ , liver
26	+/-	F	59	belly	axillary LN ¹ , lung
27	+/-	F	42	back, ear	n.d.
28	+/-	F	49	back	inguinal and superficial cervical LN ² , lung
29	+/-	F	51	back (2 tumors)	n.d.
30	+/-	M	52	multiple (back)	lung
31	+/-	F	58	back	inguinal LN ¹
32	+/-	F	59	face, paw, tail	n.d.
33	+/+	F	30	vagina	multiple LN ¹ , lung
34	+/+	F	69	rectum, trunk	n.d.
35	+/+	F	43	back	inguinal LN ¹ , lung
36	+/+	F	74	trunk	lung

Table 1.

Pathology of Tyr::N-Ras^{Q61K} transgenic mice. Age was defined as the time point of the appearance of cutaneous melanoma tumor and signs of morbidity. LN^{1,2} Note that pigmented and enlarged lymph nodes (LN) might either contain hyperplastic melanocytes (nevi, LN²) or primary tumors/metastases (LN¹) (see text). n.d., not detected.