

Table. Clinicopathological, FISH and IHC characteristics of patients and their tumors

Case N°	Sex/Age	Tumor location	Size	Specimen	FISH MDM2/CDK4	IHC MDM2/CDK4/p16	Final diagnosis/grade FNLCCC
1	M/88	Inguinal	10	ES	NA/NA	+/-/-	undifferentiated sarcoma NOS/3
2	M/58	Retroperitoneum	20	B	A/A	+/+/+	DDLPS/2
3	F/78	Thigh	19	B	A/NA	+/-/+	ALT/WDLPS sclerosing/1
4	M/48	Jugal	8	ES	NA/NA	-/-/-	lipoma
5	F/63	Arm	11,5	B	NA/NA	-/-/+	undifferentiated sarcoma NOS/3
6	F/35	Leg	8	B	NA/NA	-/-/+	undifferentiated pleomorphic sarcoma/3
7	M/71	Abdominal	12	B	A/A	+/+/+	DDLPS/2
8	M/50	Pelvis	17	ES	NA/NA	-/-/+	lipoma
9	F/70	Pelvis	14	ES	NA/NA	-/-/-	lipoma
10	M/62	Shoulder	11	ES	NA/NA	-/-/-	lipomatosis
11	M/75	Arm	4,5	B	NA/NA	-/-/+	pleomorphic lipoma
12	M/36	Cervical	9	ES	NA/NA	-/-/+	lipomatosis
13	F/62	Retroperitoneum	10	B	NA/NA	+/-/+	undifferentiated sarcoma NOS/3
14	M/61	Thigh	4,5	ES	A/NA	+/-/-	DDLPS/3
15	M/61	Retroperitoneum	25	B	A/A	+/+/+	ALT/WDLPS sclerosing/1
16	M/77	Wrist	5	ES	NA/NA	-/-/-	lipoma
17	F/54	Retroperitoneum	16	B	A/A	+/+/+	DDLPS/2
17 bis	F/54	Retroperitoneum	16	ES	A/A	+/+/+	DDLPS/3
18	M/48	Thigh	30	ES	NA/NA	+/-/-	undifferentiated pleomorphic sarcoma/3
19	F/49	Buttock	15	ES	NA/NA	-/-/+	lipoma
20	F/55	Retroperitoneum	19	B	A/A	+/+/+	ALT/WDLPS lipoma-like/1
21	M/67	Retroperitoneum	20	ES	NA/NA	-/-/+	undifferentiated pleomorphic sarcoma/3
22	M/47	Shoulder	5	ES	NA/NA	-/-/-	lipoma
23	F/54	Arm	10	ES	NA/NA	-/-/-	spindle cell lipoma
24	F/81	Thigh	13	ES	NA/NA	+/-/-	myxofibrosarcoma/3
25	F/67	Retroperitoneum	9	B	NA/NA	-/-/+	conventional osteoblastic osteosarcoma/3
26	F/43	Thigh	8	B	NA/NA	-/-/+	lipoma
27	M/71	Thigh	6,5	B	NA/NA	+/-/-	undifferentiated sarcoma NOS/2
27 bis	M/71	Thigh	6,5	ES	NA/NA	+/-/-	myxofibrosarcoma/2
28	M/58	Cervical	9	ES	NA/NA	-/-/-	lipoma
29	M/79	Thorax	12	ES	A/A	+/+/+	ALT/WDLPS lipoma-like/1
30	F/68	Retroperitoneum	20	B	A/A	+/+/+	DDLPS/2
31	M/79	Thorax	9	B	NA/NA	-/-/-	lipoma
32	M/44	Abdominal	18	ES	NA/NA	-/-/-	lipoma
33	M/73	Thigh	25	B	A/A	+/+/+	ALT/WDLPS lipoma-like/1
34	F/56	Shoulder	13	ES	NA/NA	-/-/-	lipoma
35	M/50	Thigh	28	B	NA/NA	-/-/+	lipoma
35 bis	M/50	Thigh	28	ES	NA/NA	-/-/-	lipoma
36	F/68	Forearm	6,5	B	NA/NA	-/-/+	intramuscular lipoma
37	M/62	Thorax	16	ES	NA/NA	+/-/-	undifferentiated sarcoma NOS/3
38	F/71	Retroperitoneum	20	ES	A/A	+/+/+	ALT/WDLPS lipoma-like/1
39	F/34	Abdominal	12	ES	A/A	+/+/+	ALT/WDLPS sclerosing/1
40	F/72	Back	13	ES	NA/NA	-/-/-	lipoma
41	M/51	Abdominal	7	ES	A/A	+/+/+	DDLPS/3
42	M/79	Thorax	10	ES	A/A	+/+/+	DDLPS/2
43	M/72	Thigh	18	B	NA/NA	+/-/-	lipoma
44	M/79	Arm	5,5	ES	NA/NA	+/-/-	myxofibrosarcoma/2
45	F/45	Thigh	8	B	NA/NA	+/-/-	undifferentiated pleomorphic sarcoma/3
46	F/60	Arm	7	B	NA/NA	-/-/+	intramuscular lipoma
47	F/73	Retroperitoneum	20	ES	A/A	+/+/+	DDLPS/2

48	M/35	Thorax	15	ES	NA/NA	-/-	lipoma
49	M/19	Scrotum	10	ES	NA/NA	-/+	lipoma
50	M/55	Thigh	8,5	ES	NA/NA	-/+	spindle cell lipoma
51	M/63	Retroperitoneum	28	ES	NA/NA	+/+	undifferentiated sarcoma NOS/2
51 bis	M/62	Retroperitoneum	17	ES	NA/NA	-/-	undifferentiated sarcoma NOS/2
52	M/60	Retroperitoneum	14	ES	A/A	+/+	DDLPS/2
53	M/56	Thigh	20	ES	A/A	+/+	ALT/WDLPS lipoma-like/1
54	M/60	Thigh	20	B	NA/NA	-/+	lipoma
55	M/59	Back	9	ES	NA/NA	-/-	lipoma
56	F/57	Thigh	15	B	NA/NA	-/-	lipoma
56 bis	F/58	Thigh	15	ES	NA/NA	-/-	lipoma
57	F/31	Rectum	10	B	NA/NA	-/+	lipoma
58	M/59	Arm	5,5	ES	NA/NA	-/-	lipoma
59	M/39	Buttock	10	B	NA/NA	-/-	lipoma
60	M/50	Thigh	20	ES	NA/NA	-/-	lipoma
61	M/89	Shoulder	11,5	B	A/A	+/+	ALT/WDLPS inflammatory/1
62	M/89	Thigh	24	ES	A/A	-/+	ALT/WDLPS lipoma-like/1
63	F/47	Thigh	12,5	B	NA/NA	+/-	undifferentiated sarcoma NOS/2
64	M/70	Thigh	14	B	A/A	-/+	ALT/WDLPS lipoma-like/1
65	F/71	Thigh	11	B	A/A	+/-	ALT/WDLPS lipoma-like/1
66	M/71	Forearm	20	ES	NA/NA	-/-	lipoma
67	M/66	Abdominal	9,5	B	A/A	+/+	DDLPS/2
67 bis	M/66	Abdominal	9,5	ES	A/A	+/+	DDLPS/3
68	F/65	Retroperitoneum	10	ES	A/A	+/+	DDLPS/3
69	M/52	Thorax	7	B	A/A	+/+	ALT/WDLPS sclerosing/1
70	M/29	Thorax	8	ES	NA/NA	-/-	lipoma
71	M/24	Thigh	9	ES	NA/NA	-/+	lipoma
72	F/79	Abdominal	13	ES	NA/NA	-/-	lipoma
73	M/64	Thigh	29	B	A/NA	+/-	ALT/WDLPS lipoma-like/1
74	M/64	Hip	12	B	NA/NA	-/-	lipoma
75	F/79	Thigh	15	B	A/NA	+/-	ALT/WDLPS lipoma-like/1
76	M/80	Abdominal	10	B	A/A	+/+	ALT/WDLPS sclerosing/1
77	M/88	Thigh	3,5	ES	NA/NA	+/-	myxofibrosarcoma/3
78	M/87	Thigh	25	B	NA/NA	-/+	lipoma
79	M/62	Shoulder	8	B	NA/NA	-/-	lipoma
80	F/82	Sacrum	14	ES	NA/NA	+/-	undifferentiated pleomorphic sarcoma/3
81	F/85	Retroperitoneum	5,3	B	A/A	+/-	DDLPS/2
82	M/45	Inguinal	11,5	ES	NA/NA	-/-	lipoma
83	M/80	Retroperitoneum	23	ES	A/A	+/+	DDLPS/3
84	M/59	Neck	5	B	NA/NA	-/+	lipoma
85	F/29	Shoulder	9	ES	NA/NA	-/-	lipoma
86	M/67	Thigh	13	ES	A/A	+/+	ALT/WDLPS lipoma-like/1
87	F/70	Hip	10	B	NA/NA	-/-	intramuscular lipoma
88	M/65	Retroperitoneum	30	ES	A/A	+/+	ALT/WDLPS sclerosing/1
89	M/76	Knee	5	ES	A/A	+/+	DDLPS/2
90	F/65	Thigh	11	B	A/A	+/+	ALT/WDLPS lipoma-like/1
91	F/36	Thigh	12	ES	NA/NA	-/-	lipoma
92	F/48	Forehead	5,5	ES	NA/NA	+/-	malignant peripheral nerve sheath tumour/3
93	M/60	Retroperitoneum	18	ES	A/A	+/-	DDLPS/2
94	M/77	Retroperitoneum	20	ES	A/A	+/+	DDLPS/2
95	M/78	Thigh	16	B	NA/NA	-/+	undifferentiated sarcoma NOS/3

F: female, M: male, B: biopsy, ES: excision specimen, A: amplified and NA: non-amplified.