

**Table SI. Clinical phenotype. All patients presented with multicentric infantile myofibromatosis (IM). Congenital onset was noted for all patients. Spontaneous regression occurred during childhood in all patients but 1 (III-3) who presented with a relapse at the age of 6 years. Patients I-1, II-2, II-3 had a flare of neonatal lesions with spontaneous regression. No further information was available**

Patient	Sex	Tissue involvement			
		Subcutis	Muscle	Bone	Visceral
II-6	M	2 nodules (trunk)	Unknown	Unknown	Unknown
III-1	M	5 nodules (inguinal, right leg, back, neck)	None	None	None
III-2	M	4 nodules (skull, left shoulder, back)	Left psoas mass	Lytic lesions of skull, vertebrae, humerus, patella	None
III-3	M	3 nodules (forehead, right forearm, left armpit)	None	Lytic lesions of humerus	None
III-4	F	4 nodules (back, neck, thorax, vertex)	None	Lytic lesions of ulnae, femurs, shins	None