

Table S1. Patient data and clinical characteristics

	1 (index patient)	2 (mother of 1)	3 (grandmother of 1)	4 (index patient)	5 (mother of 4)	6 (index patient)	7 (boyfriend of 6)	8 (index patient)
Sex/age, years	F/16	F/40	F/60	F/16	F/42	F/22	M/20	F/33
Atopic background	No	No	No	No	No	Yes	Yes	No
Days between rat purchase and skin lesions	5	12	14	4	11	9	16	not applicable
Smallpox vaccination	No	Yes	Yes	No	Yes	No	No	No
Site of skin lesions	Neck, scalp	Neck	Neck	Neck, chest, abdomen	Pectoral	Right clavicular	Right shoulder	not applicable
Skin lesion type and size	9 seropapules diameter 3–12 mm	1 seropapule, diameter 8 mm	2 seropapules, diameter 10 mm	3 oedematous papules, diameter 5 mm	10 confluent plaques with central erosions, up to diameter 35 mm	1 dark eschar with erythematous border, diameter 8 mm	1 erythematous crusted papule, diameter 5 mm	not applicable
Regional lymphadenopathy	Yes, severe	No	No	Yes	Yes	Yes	Yes	not applicable
Systemic symptoms	Malaise	None	None	Fever, sore throat, coughing, headache, malaise	None	Influenza-like symptoms, myalgia, fatigue	Fever and night sweats	None
Initial treatment before diagnosis	Triamcinolone acetamide cream			Fusidic acid and betamethasone valerate cream	Fusidic acid and betamethasone valerate cream	Oral clindamycin 600 mg t.i.d. to prevent bacterial infection	Fusidic acid and betamethasone valerate cream; oral clindamycin 600 mg t.i.d. to prevent bacterial infection	not applicable
Treatment after diagnosis	Topical antiseptics	Topical antiseptics	Topical antiseptics	Oral methylprednisolone 24 mg/day (0.6 mg/kg body weight)	Oral methylprednisolone 24 mg/day (0.5 mg/kg body weight)			not applicable
Medical history: medication			Rheumatoid arthritis: diclofenac, prednisolone (5–10 mg/day)					Kidney transplantation: cyclosporin, mycophenolate mofetil