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Supplementary Material

Epidemiological Study of Lumpy Skin Disease Outbreaks in Egypt Based on Viral Isolation and Molecular Detection

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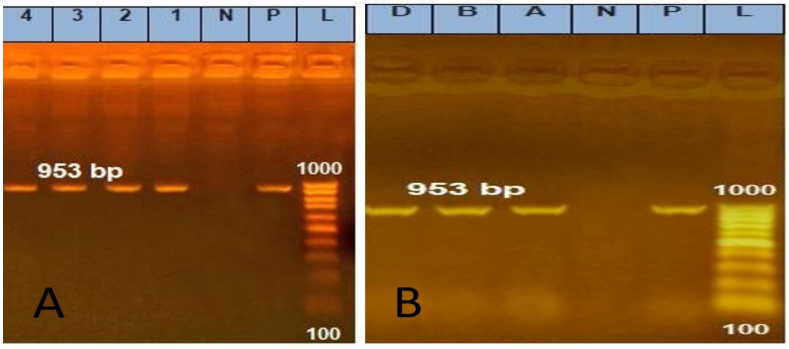

Supplementary Fig. 1. Conventional PCR by EEV Glycoprotein gene: LSDV (amplicon of about 953bp): 1000bp DNA ladder (L), Positive control (P), Negative control (N). Lane (1,2,3,4,5): revealed positive LSDV amplicons; Lane (A,B,D) revealed positive LSDV amplicon.

Supplementary Table I: Cycling conditions of the primer during conventional PCR .

Gene	Primary denaturation	Secondary denaturation	Annealing	Extension	No. of cycles	Final extension
Capripox EEV glycoprotein	94˚C 5 min.	94˚C 30 sec.	55˚C 40 sec.	72˚C 1 min.	35	72˚C 10 min.

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Supplementary Table II. Chi-square test for detect association of vaccination type with the clinical case of LSD.

			Vaccination				Total
			Neethling	**Sheep pox**	**Unknown**	**Unvaccinated**	
Clinical presentation	Dead	Count	0	2	9	24	35
		% within Clinical presentation	0.0%	5.7%	25.7%	68.6%	100.0%
	Diseased	Count	3	26	95	63	187
		% within Clinical presentation	1.6%	13.9%	50.8%	33.7%	100.0%
	Healthy	Count	168	45	73	67	353
		% within Clinical presentation	47.6%	12.7%	20.7%	19.0%	100.0%
Total		Count	171	73	177	154	575
		% within Clinical presentation	29.7%	12.7%	30.8%	26.8%	100.0%