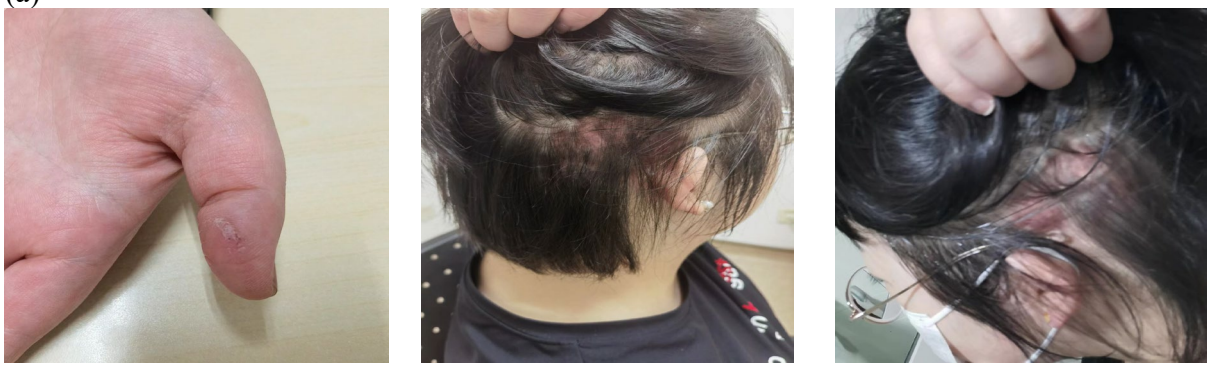
HONG KONG MEDICAL JOURNAL 香港醫學雜誌

Supplementary material

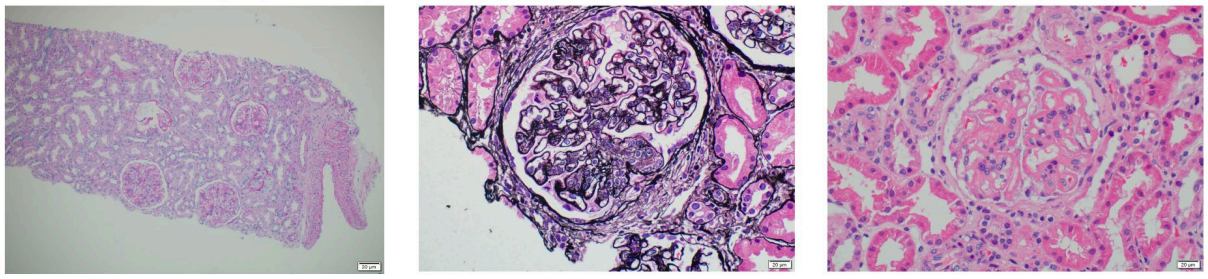
Supplement to: R Guo, S Ye, L Gu. Recurrent macrophage activation syndrome in patients with refractory systemic lupus erythematosus treated with emapalumab: a case report. Hong Kong Med J 2025 Oct;31(5):387-90. https://doi.org/10.12809/hkmj2512876.

Supplementary Figure 1. Features of autoantibodies, clinical manifestation, and renal pathology. (a) A vasculitis-like rash that appeared on the fingers and scalp. (b) A kidney biopsy confirmed lupus nephritis. Periodic acid–Schiff stain (×100) [left]. Periodic acid–Schiff methenamine stain (×400) [middle]. Haematoxylin and eosin stain (×400) [right]. (c) Expression profile of autoantibodies in the patient

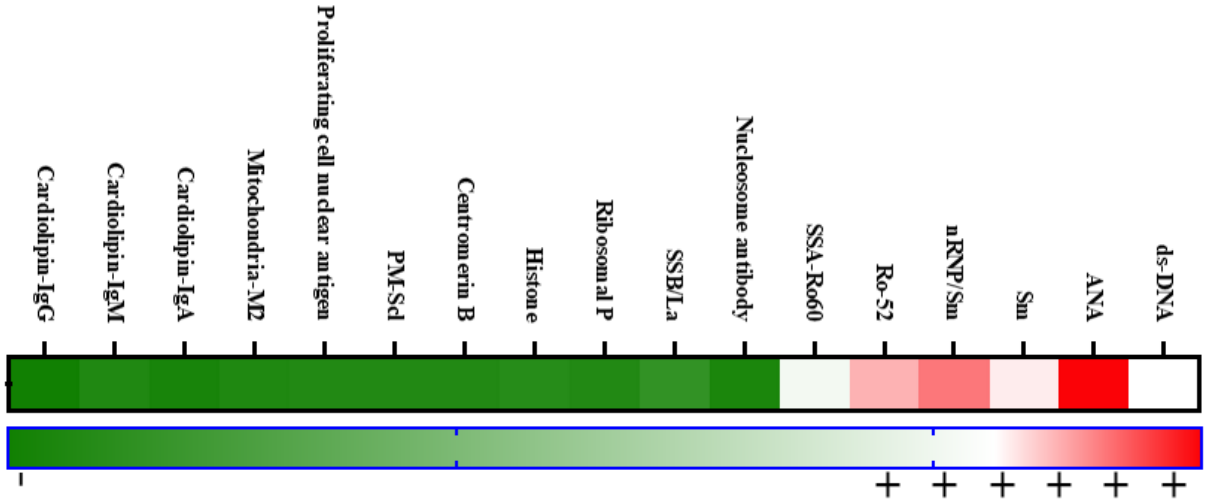
(a)



(b)

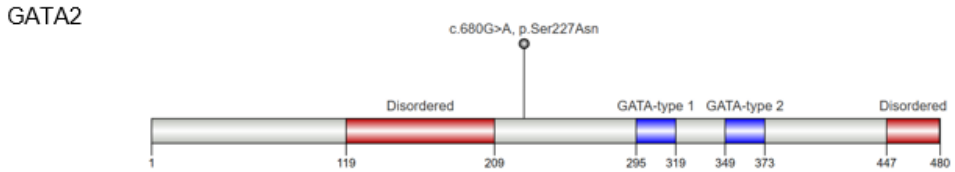


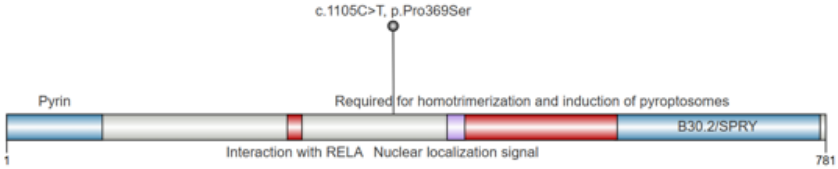
(c)

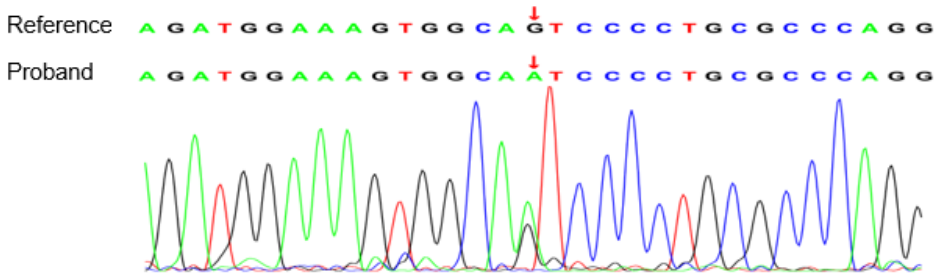


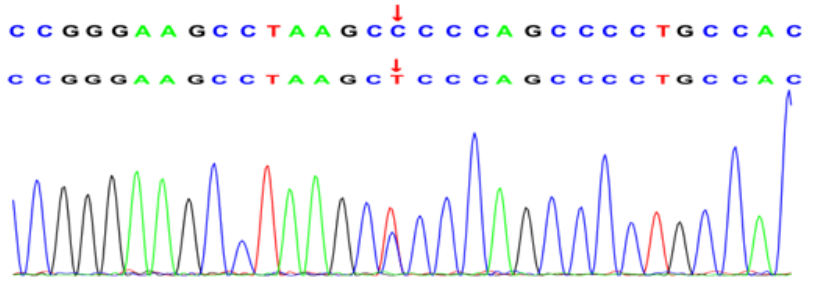
Abbreviations: ANA = antinuclear antibody; ds-DNA = double-stranded DNA; IgA = immunoglobulin A; IgG = immunoglobulin G; IgM = immunoglobulin M; PM-Scl = PM-scleroderma; Sm = Smith

Supplementary Figure 2. Results of whole-exome sequencing









	224			227						333
Species	*		*	*	*	*	*	*	*	*
Homo sapiens	E	S	G	S	P	L	R	P	G	L
Mus musculus	E	G	G	S	P	L	R	P	G	L
Rattus norvegicus	E	G	G	S	P	L	R	P	G	L
Pan troglodytes	E	S	G	S	P	L	R	P	G	L
Panthera leo	E	S	G	S	P	L	R	P	G	L
Sus scrofa	E	S	G	S	P	L	R	P	G	L

	366			369						375
Species			*	*	*		*	*	*	*
Homo sapiens	S	L	S	P	Q	P	L	P	Q	C
Mus musculus	A	Q	S	P	Q	F	L	P	Q	C
Rattus norvegicus	A	Q	S	P	Q	S	L	P	Q	C