Supplemental Online Content

Zakine E, Schell B, Battistella M, et al. *UBA1* variations in neutrophilic dermatosis skin lesions of patients with VEXAS syndrome. *JAMA Dermatol*. Published online September 8, 2021. doi:10.1001/jamadermatol.2021.3344

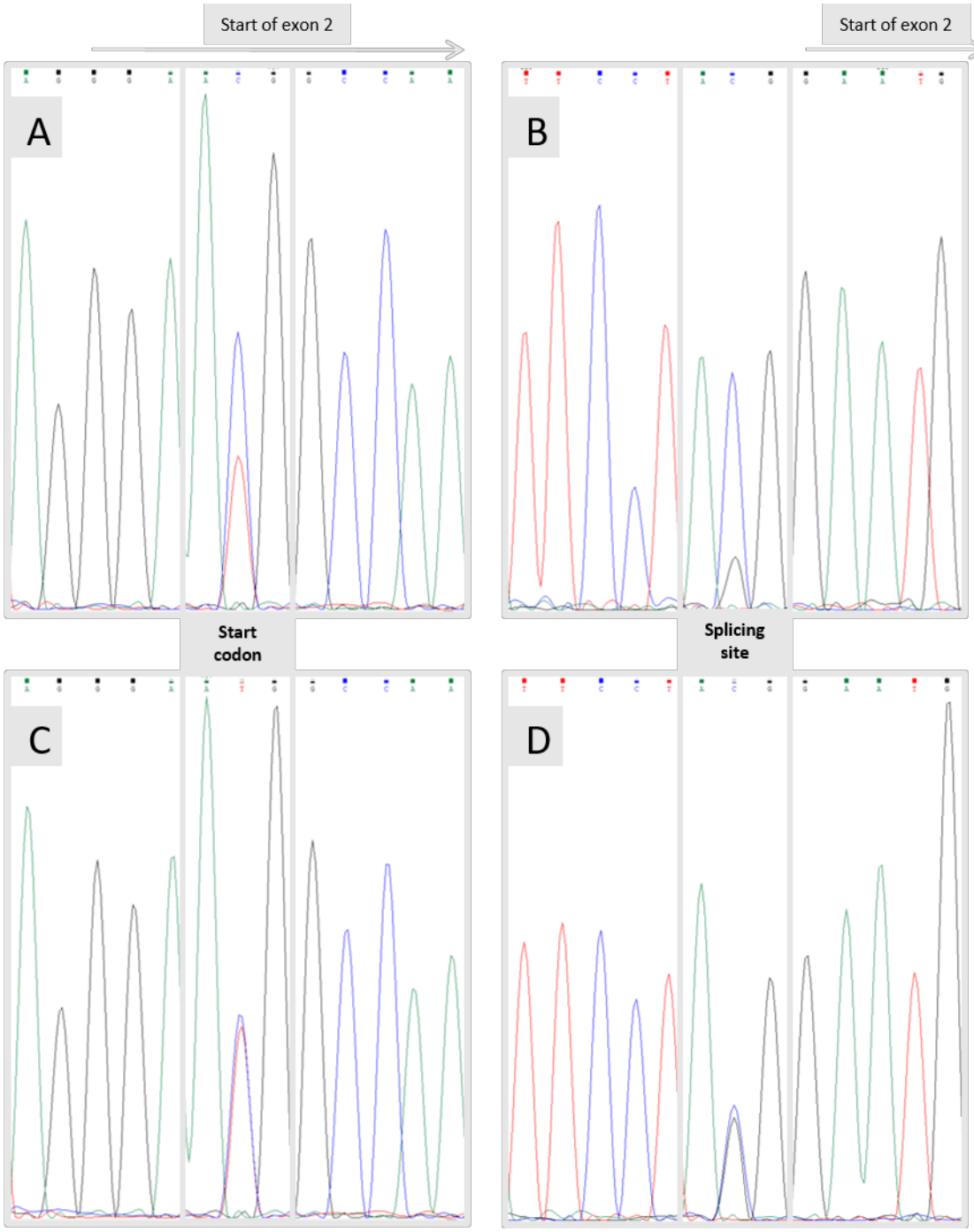
This supplemental material has been provided by the authors to give readers additional information about their work.

eTable. Haematological features of patients.

Patient Id	Hematological disorder	Bone marrow findings	Vacuoles in BM precursors	Karyotype	Somatic mutations in BM sample (allelic frequency in %)	Somatic mutations in skin infiltrate (allelic frequency in %)
Patient #1	- MDS-MLD - MM	Dysgranulopoiesis (hyposegmentation, persistence of basophilia and toxic granules), dysmegakaryopoiesis (segmentation anomalies)	Present	NK	No mutation	Not documented
Patient #2	MDS-SLD	Dysgranulopoiesis (anomalies of segmentation, chromatin condensation, Döhle bodies and toxic granules)	Present	Del(6q)	ZRSR2 (75%), BRCA (38%), DNMT3A (33%)	ZRSR2 (12%), BRCA (12%), DNMT3A (4%)
Patient #3	CCUS	Moderate dysgranulopoiesis (segmentation anomalies) and dyserythropoiesis (megaloblastic changes)	Present	NK	Not documented	No mutation
Patient #4	- ET - CCUS	Dyserythropoiesis	Present	-7	DNMT3A (41%), CALR (1%)	Not documented
Patient #5	MDS-MLD	Dysgranulopoiesis (hyposegmentation, abnormal chromatin condensation, Döhle bodies and toxic granules), dysmegakaryopoiesis (multiple widely separated nuclei	Present	-Y	No mutation	No mutation
Patient #6	- MDS-MLD - MGUS	Dysgranulopoiesis (agranularity, hyposegmentation and Döhle bodies), dyserythropoiesis (multinuclearity) and dysmegakaryopoiesis (hypo-lobated nuclei)	Present	NK	No mutation	Not documented
Patient #7	MDS-MLD	Dysgranulopoiesis and dyserythropoiesis	Not documented	Not documented	Not documented	No mutation

Patient #8	MDS-EB	Dysgranulopoiesis and dyserythropoiesis with blast excess	Not documented	Not documented	Not documented	TP53 (3%)

eFigure. Sanger profiles of the *UBA1* gene in bone marrow (BM) and skin lesion for two patients.



Patient #5: c.T122C mutation in the BM (Panel A) and in a skin lesion (Panel C)
Patient #7: c.118-1G>C splice mutation observed in the BM (Panel B) and in a skin lesion (Panel D).
The height of the mutated peak is proportional to the clonal infiltrate in the sample.