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**Fig. S1. Chromatogram illustrating the *GPNMB* c.565C>T (p.Arg189\*) mutation.** The left panel shows the chromatogram of the patient sample, demonstrating a homozygous c.565C>T transition in both the forward and reverse sequences, indicated by the presence of thymine (T) peaks at the mutated position (highlighted in blue). The right panel shows the corresponding wild-type sequence from a control sample, with a clear cytosine (C) peak at the same position (highlighted in blue)

