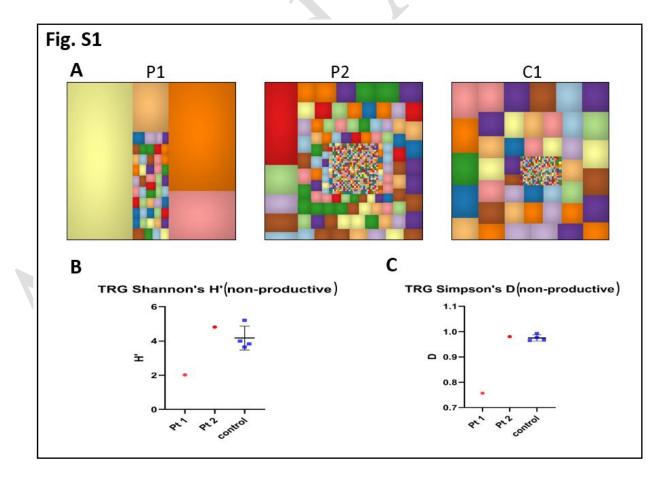**MATERIAL SUPPLEMENTARY**

Figure S1. TRG repertoire of non-productive sequences determined by NGS.

A. Treemaps representation of T cell receptor Gamma (*TRG*) repertoire of non-productive sequences in peripheral blood mononuclear cells (PBMCs) samples from patients with *RMRP* deficiency and one representative healthy control. Each square represents a unique V to J joining and the size of the square represents relative frequency within that sample. **B and C**. Quantification of the unevenness and the diversity the *TRG* repertoire of non-productive sequences using the Simpson-D index of unevenness (**B**) and the Shannon's H index of diversity(**C**) in four healthy controls and in patients with RMRP deficiency. Controls are same that were used in previous studies [30].