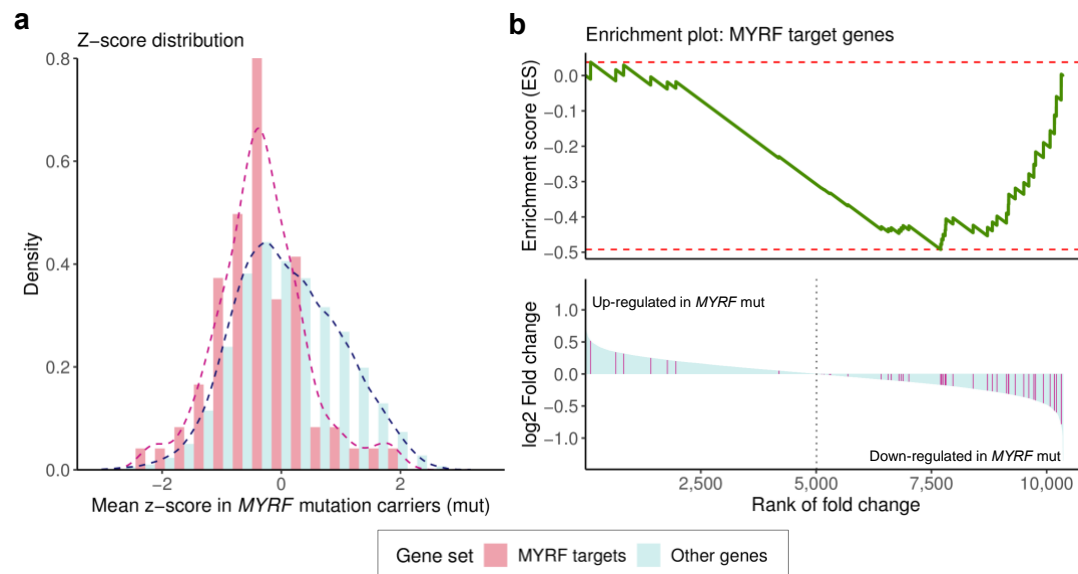


S6 Fig. (Related to Fig 1b and 1c) The impact of *MYRF de novo* missense variants on the patients' transcriptome.



(a) The distribution of mean z-score of gene expressions in two *MYRF de novo* missense variants carriers are shown. *MYRF* target genes are shifted to the left side as compared with other genes ($P=2.8E-5$ by Kolmogorov-Smirnov test).

(b) Genes were ranked based on the differential expression level comparing two *MYRF* missense variants carriers against cases without *MYRF* variants. *MYRF* target genes on average have lower ranks and majority of them are down-regulated (normalized enrichment score=-1.77, $P<5.0E-4$).