**Table S1.** Whole-exome sequencing filtered results of patient MR37 with non-sense variants or Indels minor allele frequencies’ <1%



**Table S2.** Whole-exome sequencing filtered results of patient MR39 with homozygous SNPs or Indels minor allele frequencies’ <1%



**Table S3.** Whole-exome sequencing filtered results of patient MR40 with SNPs or Indels minor allele frequencies’ <1%



**Table S4.** Shared variants between MR39 and MR40 with MAF<1%

