



Figure S1. *POLA1* expression levels by RT-PCR study in lymphoblastoid cell lines of GE#1 ID patient and XYWT control (A). Results were normalized using *HPRT1* as reference gene and shown as mean \pm SD from three independent experiments. A cartoon map of *POLA1* and *ARX* loci is shown.

Detection of KDM5C levels by Western blotting analysis in lymphoblastoid cell lines of GE#1 ID patient and XYWT controls. The western blotting experiments were repeated three times. As loading control, β -ACTIN was used. (B).