



Extended data figure 1. Changes in DNA damage markers expression in leukocytes with age in DSD and TGCT-patients. γ H2AX relative protein expression levels from DSD (a) and TGCT (b) samples groups correlated with age. (c) H2AX relative transcripts levels were plotted to correlate with age for DSD-patients. Pearson's correlation test was applied for statistical analysis and was positive for control group in (c). Colored dots correspond to different DSD-groups: Swyer-green, DSD-GCT-red, CAIS-yellow, Turner-blue; and control group - grey. Correlation coefficient and p values are indicated. All other cases didn't have statistically significant correlation. The deregulated pathways from whole proteome mass spectrometry analysis are represented from three Swyer (d) and three DSD-GCT (e) or CAIS (f) patients.