

Description of Additional Supplementary Files

Supplementary Data 1: anti TBPL2 immunoprecipitation coupled with mass spectrometry from ovary whole cell extracts (FDR5%, 1 peptide per protein);

Supplementary Data 2: anti TBP immunoprecipitation coupled with mass spectrometry from ovary whole cell extracts (FDR5%, 1 peptide per protein);

Supplementary Data 3: anti TAF7, anti TAF10 and anti TBPL2 sequential immunoprecipitation coupled with mass spectrometry from ovary whole cell extracts (FDR5%, 1 peptide per protein);

Supplementary Data 4: anti TBPL2 immunoprecipitation coupled with mass spectrometry from gel filtration fraction (FDR5%, 1 peptide per protein);

Supplementary Data 5: Differential gene expression analysis from post-natal (P) 7 and P14 oocytes (wild type vs *Tbpl2*^{-/-});

Supplementary Data 6: Gene ontology analyses using PANTHER from RNA seq data;

Supplementary Data 7: Gene ontology analyses using PANTHER from SLIC CAGE data (down regulated promoters TSS cluster).