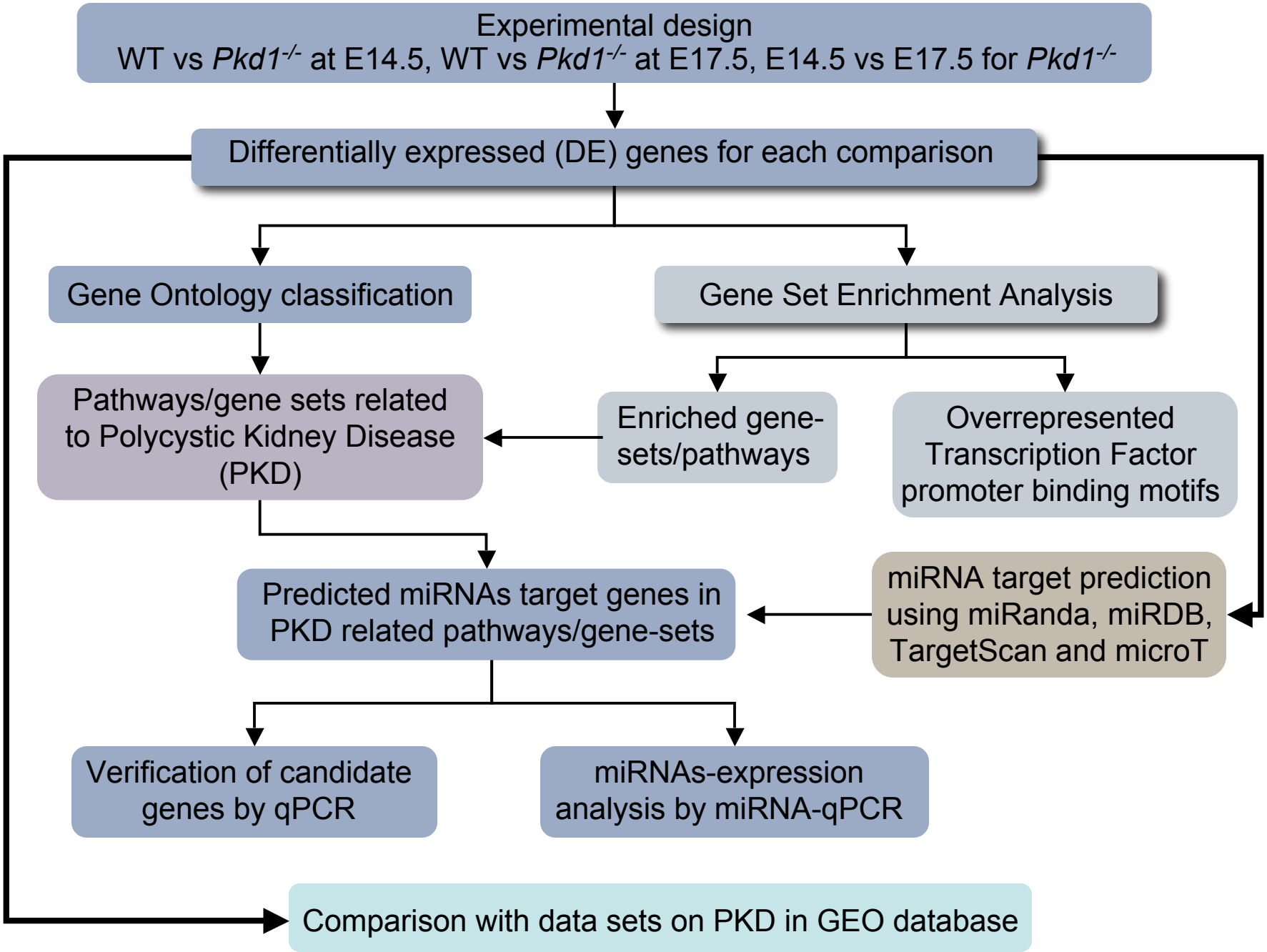
Experimental design
WT vs *Pkd1*$^{-/-}$ at E14.5, WT vs *Pkd1*$^{-/-}$ at E17.5, E14.5 vs E17.5 for *Pkd1*$^{-/-}$
Differentially expressed (DE) genes for each comparison
Gene Ontology classification
Gene Set Enrichment Analysis
Pathways/gene sets related to Polycystic Kidney Disease (PKD)
Enriched gene-sets/pathways
Overrepresented Transcription Factor promoter binding motifs
Predicted miRNAs target genes in PKD related pathways/gene-sets
miRNA target prediction using miRanda, miRDB, TargetScan and microT
Verification of candidate genes by qPCR
miRNAs-expression analysis by miRNA-qPCR
Comparison with data sets on PKD in GEO database