

metanephric distal tubule development	metanephric epithelium development	metanephric nephron tubule morphogenesis		erythrose 4-phosphate/phosphoenolpyruvate family amino acid metabolic process	DNA ligation	
metanephric renal vesicle morphogenesis	positive regulation of epithelial cell differentiation involved in kidney development	pronephros development	nephron tubule formation	erythrose 4-phosphate/phosphoenolpyruvate family amino acid metabolic process	aromatic amino acid family metabolic process	DNA ligation
				L-phenylalanine metabolic process	DNA dealkylation involved in DNA repair	DNA dealkylation
nephron tubule formation	epithelial cell differentiation involved in kidney development	kidney epithelium development		response to gonadotropin	cellular response to gonadotropin stimulus	positive regulation of hormone metabolic process
mesenchymal to epithelial transition involved in metanephros morphogenesis	metanephric nephron tubule development	regulation of nephron tubule epithelial cell differentiation	cell differentiation involved in metanephros development	regulation of cell cycle checkpoint		thyroid gland development