

Table SI. GO biological process enrichment analysis.

GO ID	Term	Annotated	Significant	P-value	Gene ID
GO:0070488	Neutrophil aggregation	2	2	2.30x10 ⁻⁵	S100A8;S100A9
GO:0072080	Nephron tubule development	97	5	0.00011	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0060993	Kidney morphogenesis	98	5	0.00011	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0061326	Renal tubule development	100	5	0.00012	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0001657	Ureteric bud development	103	5	0.00014	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0072163	Mesonephric epithelium development	104	5	0.00015	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0072164	Mesonephric tubule development	104	5	0.00015	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0001823	Mesonephros development	108	5	0.00018	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0072009	Nephron epithelium development	111	5	0.0002	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0035502	Metanephric part of ureteric bud development	5	2	0.00023	CALB1;WT1
GO:0001658	Branching involved in ureteric bud morphogenesis	63	4	0.00024	ADAMTS16;BMP2;FOXD1;WT1
GO:0060675	Ureteric bud morphogenesis	69	4	0.00035	ADAMTS16;BMP2;FOXD1;WT1
GO:0072171	Mesonephric tubule morphogenesis	70	4	0.00037	ADAMTS16;BMP2;FOXD1;WT1
GO:0003129	Heart induction	7	2	0.00048	BMP2;WNT3A
GO:0072078	Nephron tubule morphogenesis	78	4	0.00055	ADAMTS16;BMP2;FOXD1;WT1
GO:0072088	Nephron epithelium morphogenesis	80	4	0.00061	ADAMTS16;BMP2;FOXD1;WT1
GO:0072006	Nephron development	142	5	0.00062	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0060923	Cardiac muscle cell fate commitment	8	2	0.00064	WNT3A;WT1
GO:0072073	Kidney epithelium development	144	5	0.00067	ADAMTS16;BMP2;CALB1;FOXD1;WT1
GO:0061333	Renal tubule morphogenesis	82	4	0.00067	ADAMTS16;BMP2;FOXD1;WT1

GO, Gene Ontology.