Table SVI. GO term and KEGG pathway enrichment analysis of the 19 genes in the microRNA-mRNA network.

A, KEGG pathway			
Term	Count	P-value	Genes
hsa04666: Fc gamma R-mediated phagocytosis	2	0.071091	WASF3, MARCKSL1
B, Biological process			
Term	Count	P-value	Genes
GO:0001822: kidney development	3	0.003354	SOX11, SIX1, HAS2
GO:0008284: positive regulation of cell proliferation	4	0.010807	CCND2, MARCKSL1, SOX11, HAS2
GO:0045944: positive regulation of transcription from RNA polymerase II promoter	5	0.014948	STAT4, SOX11, SIX1, TCF4, FOXD1
GO:0014003: oligodendrocyte development	2	0.023042	WASF3, SOX11
GO:0030513: positive regulation of BMP signaling pathway	2	0.030939	SOX11, FOXD1
GO:0048704: embryonic skeletal system morphogenesis	2	0.038776	SOX11, SIX1
GO:0003151: outflow tract morphogenesis	2	0.045584	SOX11, SIX1
GO:0045666: positive regulation of neuron differentiation	2	0.076134	SOX11, TCF4
GO:0006366: transcription from RNA polymerase II promoter	3	0.093682	SOX11, SIX1, FOXD1
GO:0045893: positive regulation of transcription, DNA-templated	3	0.094305	SOX11, SIX1, TCF4

C, Cellular component			
Term	Count	P-value	Genes
GO:0070062: extracellular exosome	7	0.035982	CYP4A11, PXDN, WASF3, MARCKSL1, SLC22A6, PIGR, CDH11
GO:0031090: organelle membrane	2	0.078163	CYP4A11, CYP8B1
GO:0005737: cytoplasm	9	0.083064	CYP4A11, STAT4, WASF3, MARCKSL1, SOX11, SIX1, HAS2, MACC1, CDH11
D, Molecular function			
Term	Count	P-value	Genes
GO:0001077: transcriptional activator activity, RNA polymerase II core promoter proximal region sequence-specific binding	4	0.001587	SOX11, SIX1, TCF4, FOXD1
GO:0020037: heme binding	3	0.00821	CYP4A11, PXDN, CYP8B1
GO:0003700: transcription factor activity, sequence-specific DNA binding	5	0.013691	STAT4, SOX11, SIX1, TCF4, FOXD1
GO:0019825: oxygen binding	2	0.046313	CYP4A11, CYP8B1
GO:0000978: RNA polymerase II core promoter proximal region sequence-specific DNA binding	3	0.048715	SIX1, TCF4, FOXD1
GO:0016705: oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	2	0.055903	CYP4A11, CYP8B1
GO:0004497: monooxygenase activity	2	0.056857	CYP4A11, CYP8B1

GO, Gene Ontology; KEGG, Kyoto Encyclopedia of Genes and Genomes.