

**Supplementary Table 4A. Gene ontology biological processes – SSNS vs. control**

SL No.	Name of the process	Overlap of genes	Members
1	Type I interferon signalling pathway	9	<i>EGR1</i> (1058), <i>IFI6</i> (2537), <i>OAS2</i> (4939), <i>SOCS3</i> (9021), <i>MX2</i> (4600), <i>BST2</i> (684), <i>OASL</i> (8638), <i>IFIT3</i> (3437), <i>IFI35</i> (3430)
2	Cellular response to gonadotropin stimulus	4	<i>EGR1</i> (1058), <i>EGR2</i> (1059), <i>EGR3</i> (1060), <i>EGR4</i> (1061),
3	Negative regulation of transcription from RNA polymerase II promoter	15	<i>TNF</i> (7124), <i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>DLX2</i> (1746), <i>EGR1</i> (1058), <i>FOSB</i> (2354), <i>HES1</i> (3280), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>JUNB</i> (7326), <i>SMAD7</i> (4092), <i>PER1</i> (5187), <i>SNAI1</i> (6616), <i>KLF10</i> (7071), <i>BHLHE40</i> (8553)
4	Circadian rhythm	7	<i>EGR1</i> (1058), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>PER1</i> (5187), <i>KLF10</i> (7071), <i>BHLHE40</i> (8553), <i>EGR3</i> (1059)
5	Cytokine-mediated signaling pathway	10	<i>EGR1</i> (1058), <i>IFI6</i> (2537), <i>OAS2</i> (4939), <i>SOCS3</i> (9021), <i>MX2</i> (4600), <i>BST2</i> (684), <i>CLCF1</i> (23539), <i>OASL</i> (8638), <i>IFIT3</i> (3437), <i>IFI35</i> (3430)
6	Response to virus	7	<i>BCL3</i> (602), <i>TNF</i> (7124), <i>OAS2</i> (4939), <i>MX2</i> (4600), <i>BST2</i> (684), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
7	Cellular response to cAMP	5	<i>EGR1</i> (1058), <i>EGR3</i> (1060), <i>KCNQ1</i> (3784), <i>EGR2</i> (1059), <i>EGR4</i> (1061)
8	Response to cAMP	5	<i>FOSB</i> (2354), <i>JUNB</i> (7326), <i>PER1</i> (5187), <i>DUSP1</i> (1843), <i>FOS</i> (2353)
9	Defense response to virus	7	<i>DDIT4</i> (54541), <i>OAS2</i> (4939), <i>MX2</i> (4600), <i>IFI44L</i> (10964), <i>BST2</i> (684), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
10	Negative regulation of sequence-specific DNA binding transcription factor activity	5	<i>DDIT3</i> (1649), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>SMAD7</i> (4092), <i>BHLHE40</i> (8553)

SSNS, steroid-susceptible nephrotic syndrome; cAMP, chronic kidney disease.

**Supplementary Table 4B. Gene ontology biological processes – SRNS vs. control**

SL No.	Name of the process	Overlap of genes	Members
1	Type I interferon signaling pathway	8	<i>EGR1</i> (1058), <i>IFITM1</i> (8519), <i>RSAD2</i> (91543), <i>IFI6</i> (2537), <i>XAF1</i> (54739), <i>MX2</i> (4600), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
2	Circadian rhythm	6	<i>EGR1</i> (1058), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>KLF10</i> (7071), <i>BHLHE40</i> (8553), <i>KLF9</i> (687)
3	Negative regulation of sequence-specific DNA binding transcription factor activity	5	<i>ID1</i> (3397), <i>ID3</i> (3399), <i>SMAD7</i> (4092), <i>BHLHE40</i> (8553), <i>TRIB1</i> (10221)
4	Cytokine-mediated signaling pathway	9	<i>EGR1</i> (1058), <i>IFITM1</i> (8519), <i>RSAD2</i> (91543), <i>IFI6</i> (2537), <i>XAF1</i> (54739), <i>MX2</i> (4600), <i>CSF3</i> (1440), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
5	Response to virus	6	<i>BCL3</i> (602), <i>IFITM1</i> (8519), <i>RSAD2</i> (91543), <i>MX2</i> (4600), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
6	Negative regulation of transcription from RNA polymerase II promoter	13	<i>DLX2</i> (1746), <i>TSC22D3</i> , <i>EGR</i> (1058), <i>FOSB</i> (2354), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>JUNB</i> (7326), <i>SMAD7</i> (4092), <i>SNAI1</i> (6616), <i>KLF10</i> (7071), <i>BHLHE40</i> (8553), <i>KLF4</i> (9314), <i>BCOR</i> (54880)
7	Response to corticosterone	3	<i>FOSB</i> (2354), <i>JUNB</i> (7326), <i>AVPR1A</i> (552)
8	Defense response to virus	6	<i>IFITM1</i> (8519), <i>RSAD2</i> (91543), <i>MX2</i> (4600), <i>IFI44L</i> (10964), <i>OASL</i> (8638), <i>IFIT3</i> (3437)
9	Platelet-derived growth factor receptor signaling pathway	3	<i>TIPARP</i> (25976), <i>PDGFB</i> (5155), <i>CSRNP1</i> (64651)
10	Cellular response to hormone stimulus	4	<i>FOSB</i> (2354), <i>JUNB</i> (7326), <i>DUSP1</i> (1843), <i>AVPR1A</i> (552)

SRNS, steroid-resistant nephrotic syndrome.