

Supplementary Table 5A. Gene ontology molecular function – SSNS vs. control

SL No.	Name of the function	Overlap of genes	Members
1	Sequence-specific DNA binding transcription factor activity	18	<i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>EGR1</i> (1058), <i>EGR2</i> (1059), <i>FOS</i> (2353), <i>BHLHE40</i> (8553), <i>KLF10</i> (7071), <i>HES1</i> (3280), <i>CSRNP1</i> (64651), <i>DLX2</i> (1746), <i>FOSB</i> (2354), <i>BCL3</i> (602), <i>EGR3</i> (1060), <i>EGR4</i> (1061), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>SMAD7</i> (4092), <i>ZIC1</i> (7545)
2	Transcription factor binding	9	<i>DDIT3</i> (1649), <i>EGR1</i> (1058), <i>JUNB</i> (7326), <i>PER1</i> (5187), <i>FOS</i> (2353), <i>HES1</i> (3280), <i>FOSB</i> (2354), <i>BCL3</i> (602), <i>ID3</i> (3399)
3	Transcription regulatory region sequence-specific DNA binding	3	<i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>EGR1</i> (1058)
4	Transcription regulatory region DNA binding	6	<i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>EGR2</i> (1059), <i>FOS</i> (2353), <i>TNF</i> (7124), <i>SMAD7</i> (4092)
5	Transcription factor activity involved in negative regulation of transcription	4	<i>ATF3</i> (467), <i>SNAI1</i> (6616), <i>BHLHE40</i> (8553), <i>HES1</i> (3280)
6	Double-stranded DNA binding	4	<i>EGR1</i> (1058), <i>JUNB</i> (7326), <i>FOS</i> (2353), <i>FOSB</i> (2354)
7	Transcription corepressor activity	5	<i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>JUNB</i> (7326), <i>BHLHE40</i> (8553), <i>ID3</i> (3399)
8	RNA polymerase II core promoter proximal region sequence-specific DNA binding	5	<i>ATF3</i> (467), <i>DDIT3</i> (1649), <i>EGR2</i> (1059), <i>JUNB</i> (7326), <i>PER1</i> (5187)
9	Transcription factor activity involved in positive regulation of transcription	4	<i>DDIT3</i> (1649), <i>EGR1</i> (1058), <i>EGR2</i> (1059), <i>NR4A3</i> (8013)
10	Sequence-specific DNA binding	6	<i>EGR1</i> (1058), <i>NR4A3</i> (8013), <i>HES1</i> (3280), <i>CSRNP1</i> (64651), <i>DLX2</i> (1746), <i>FOSB</i> (2354)

SSNS, steroid-susceptible nephrotic syndrome.

Supplementary Table 5B. Gene ontology molecular function – SRNS vs. control

SL No.	Name of the function	Overlap of genes	Members
1	Sequence-specific DNA binding transcription factor activity	15	<i>EGR1</i> (1058), <i>EGR2</i> (1059), <i>BHLHE40</i> (8553), <i>KLF4</i> (9314), <i>KLF10</i> (7071), <i>CSRNP1</i> (64651), <i>DLX2</i> (1746), <i>FOSB</i> (2354), <i>BCL3</i> (602), <i>KLF9</i> (687), <i>TSC22D3</i> (1831), <i>ID1</i> (3397), <i>ID3</i> (3399), <i>SMAD7</i> (4092), <i>ZIC1</i> (7545)
2	Transcription factor binding	7	<i>EGR1</i> (1058), <i>JUNB</i> (7326), <i>FOSB</i> (2354), <i>BCL3</i> (602), <i>ID3</i> (3399), <i>BCOR</i> (54880), <i>TRIB1</i> (10221)
3	Double-stranded DNA binding	4	<i>EGR1</i> (1058), <i>JUNB</i> (7326), <i>KLF4</i> (9314), <i>FOSB</i> (2354)
4	Growth factor activity	4	<i>CSF3</i> (1440), <i>IL11</i> , <i>GDF6</i> (392255), <i>PDGFB</i> (5155)
5	Transcription regulatory region DNA binding	4	<i>EGR2</i> (1059), <i>KLF4</i> (9314), <i>SMAD7</i> (4092), <i>BCOR</i> (54880)
6	Transcription corepressor activity	4	<i>JUNB</i> (7326), <i>BHLHE40</i> (8553), <i>ID3</i> (3399), <i>BCOR</i> (54880)
7	Transcription factor activity involved in positive regulation of transcription	4	<i>EGR1</i> (1058), <i>EGR2</i> (1059), <i>KLF4</i> (9314), <i>NR4A3</i> (8013)
8	GTPase activity	4	<i>RHOB</i> , <i>MX2</i> (4600), <i>RASD1</i> (51655), <i>RAB42</i> (115273)
9	GTP binding	5	<i>RHOB</i> , <i>MX2</i> (4600), <i>RASD1</i> (51655), <i>RAB42</i> (115273), <i>RASL12</i> (51285)
10	cytokine activity	3	<i>CSF3</i> (1440), <i>IL11</i> (3589), <i>GDF6</i> (392255)

SRNS, steroid-resistant nephrotic syndrome.