

SUPPLEMENTARY TABLE S4. THE 36 GENE PANEL
 WAS HIGHLY ENRICHED FOR THE FOLLOWING
 TOP 25 SIGNIFICANT GO TERMS

<i>NO.</i>	<i>Term</i>	<i>Fisher Exact</i>
1	neuron differentiation	9.20E-11
2	regulation of neurogenesis	2.70E-09
3	regulation of nervous system development	8.50E-09
4	regulation of cell development	1.40E-08
5	regulation of neuron differentiation	1.60E-08
6	transmission of nerve impulse	4.90E-07
7	regulation of neuron projection development	6.10E-07
8	regulation of cell projection organization	8.70E-07
9	neurofilament cytoskeleton organization	1.60E-06
10	regulation of action potential in neuron	6.60E-06
11	regulation of axonogenesis	8.20E-06
12	cell-cell signaling	1.20E-05
13	regulation of action potential	1.50E-05
14	synaptic transmission	1.50E-05
15	regulation of system process	1.60E-05
16	regulation of cell morphogenesis involved in differentiation	1.70E-05
17	neuron development	2.70E-05
18	intermediate filament cytoskeleton organization	3.00E-05
19	neurological system process	3.80E-05
20	response to inorganic substance	4.60E-05
21	intermediate filament-based process	5.00E-05
22	mechanoreceptor differentiation	6.20E-05
23	neuron projection development	6.80E-05
24	neuromuscular process controlling balance	9.40E-05
25	regulation of cellular component size	1.00E-04