

Table S2 The significantly enriched GO categories from uniquely expressed gene in HESCs and ESERs

GO category	p-value
HESC	
multicellular organismal process	2.68E-60
single-organism process	4.55E-52
system process	1.86E-42
multicellular organismal signaling	6.14E-38
system development	7.94E-38
passive transmembrane transporter activity	3.27E-32
channel activity	3.27E-32
cell periphery	3.47E-54
extracellular region	9.34E-35
ESER	
immune response	1.60E-03
immune system process	6.80E-03
locomotion	6.80E-03
cellular component movement	1.00E-02
neurotransmitter transporter activity	2.00E-04
neurotransmitter:sodium symporter activity	6.00E-04
gamma-aminobutyric acid:sodium symporter activity	9.00E-04
receptor activity	1.30E-03
L-gamma-aminobutyric acid transmembrane transporter activity	1.30E-03
signal transducer activity	1.60E-03
short-chain fatty acid transporter activity	1.60E-03
molecular transducer activity	1.60E-03
solute:sodium symporter activity	1.60E-03
signaling receptor activity	1.70E-03
membrane part	2.00E-04
plasma membrane part	1.80E-03
integral to membrane	3.70E-03
membrane	3.70E-03
intrinsic to membrane	3.70E-03
plasma membrane	5.40E-03