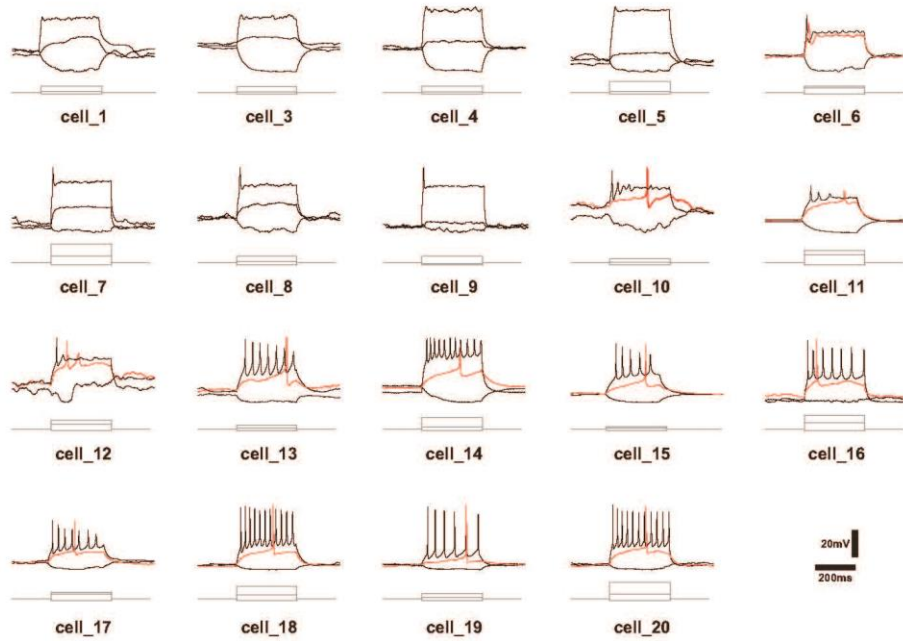
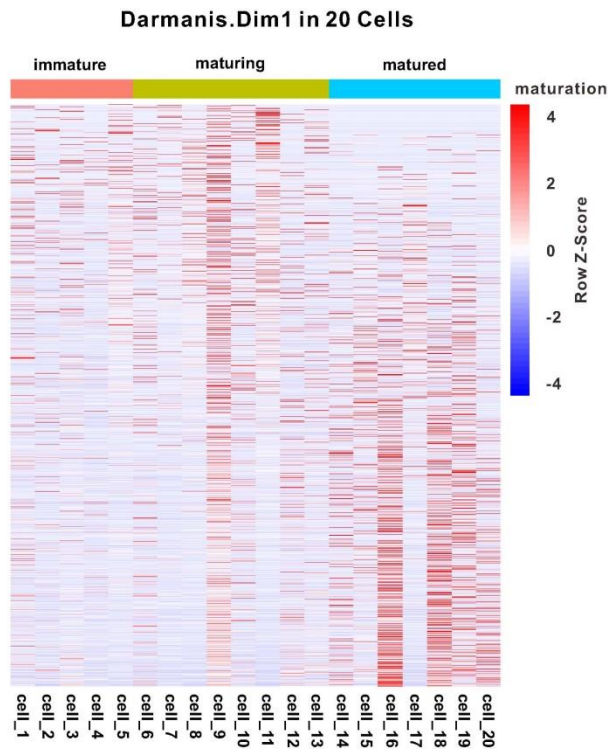


Representative AP Traces in 19 Cells



Supplementary Figure 1

Supplement Fig 1. Representative action potential responses of 19 studied human neurons evoked by current injection (Bars: 200 ms, 20 mv). The red trace represents the AP responses when the initial spike appeared during the injection.



Supplementary Figure 2

Supplement Fig 2. Heatmap of the expression of 1479 genes significantly associated with dimension 1 published by Darmanis et al in 20 studied cultured human neurons.

Supplement table 1. The 9 parameters of electrophysiological properties of human neurons