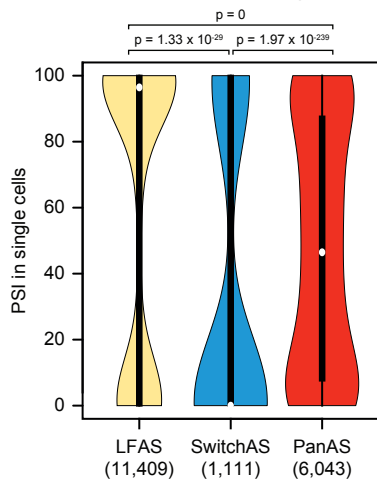
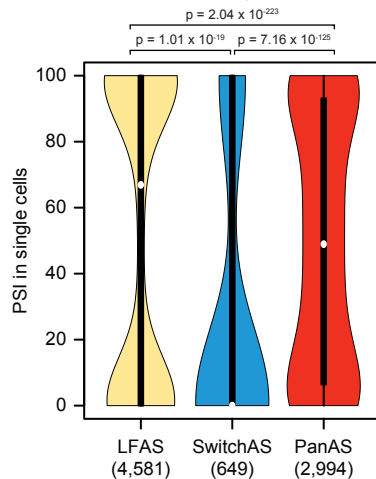
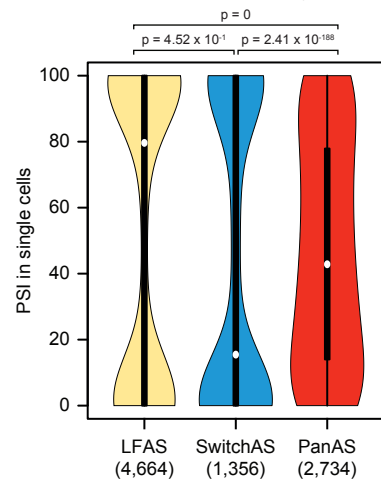
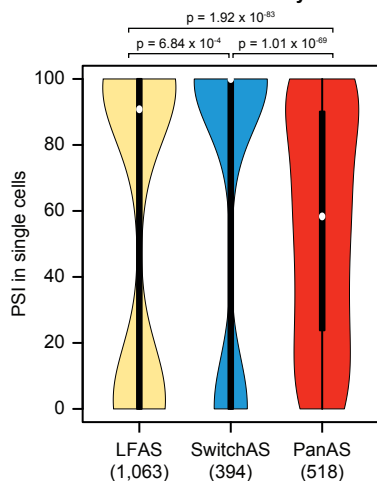
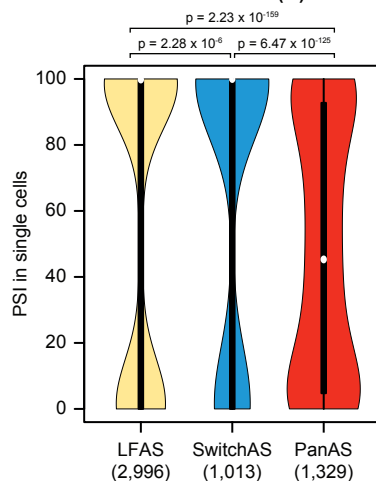
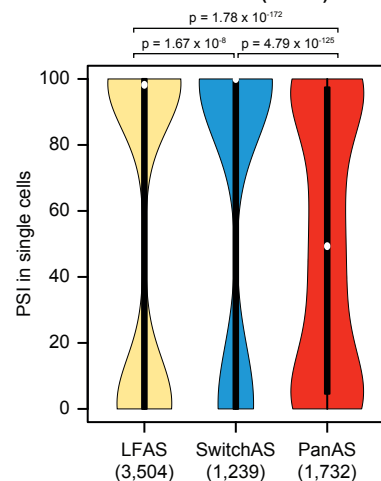
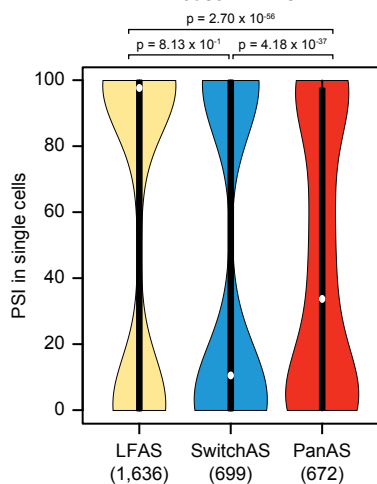
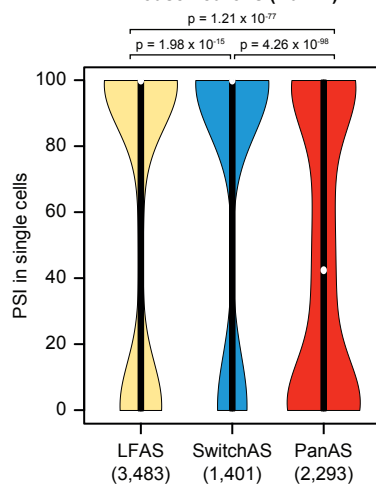
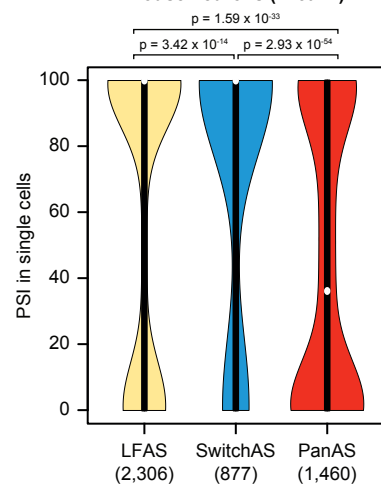


Human ESCs (passage 10)**Human lung cancer****Mouse 2-cell embryos****Mouse 8-cell embryos****Mouse ESCs (2i)****Mouse ESCs (serum)****Mouse BMDCs****Mouse neurons (Cux2+)****Mouse neurons (Nr5a1+)**

Supplemental Figure S11 – Co-expression of PanAS isoforms in single cells

For each regulatory category (low-frequency AS [LFAS], SwitchAS and PanAS), PSI distributions across individual cells from different human and mouse cell types. Human: ESCs (hESCs) and lung cancer cells; Mouse: 2-cell and 8-cell stage embryo, ESCs cultured in 2i (mESCs 2i) or serum (mESCs serum) conditions, bone marrow derived dendritic cells (BMDCs), and two populations of neurons (Cux2⁺ and Nr5a1⁺). The number of tested exons for each category is provided in parenthesis. P-values correspond to two-sided Fisher's exact tests between the numbers of events with PSI values corresponding to alternative (10%<PSI<90%) versus non-alternative in each regulatory group.