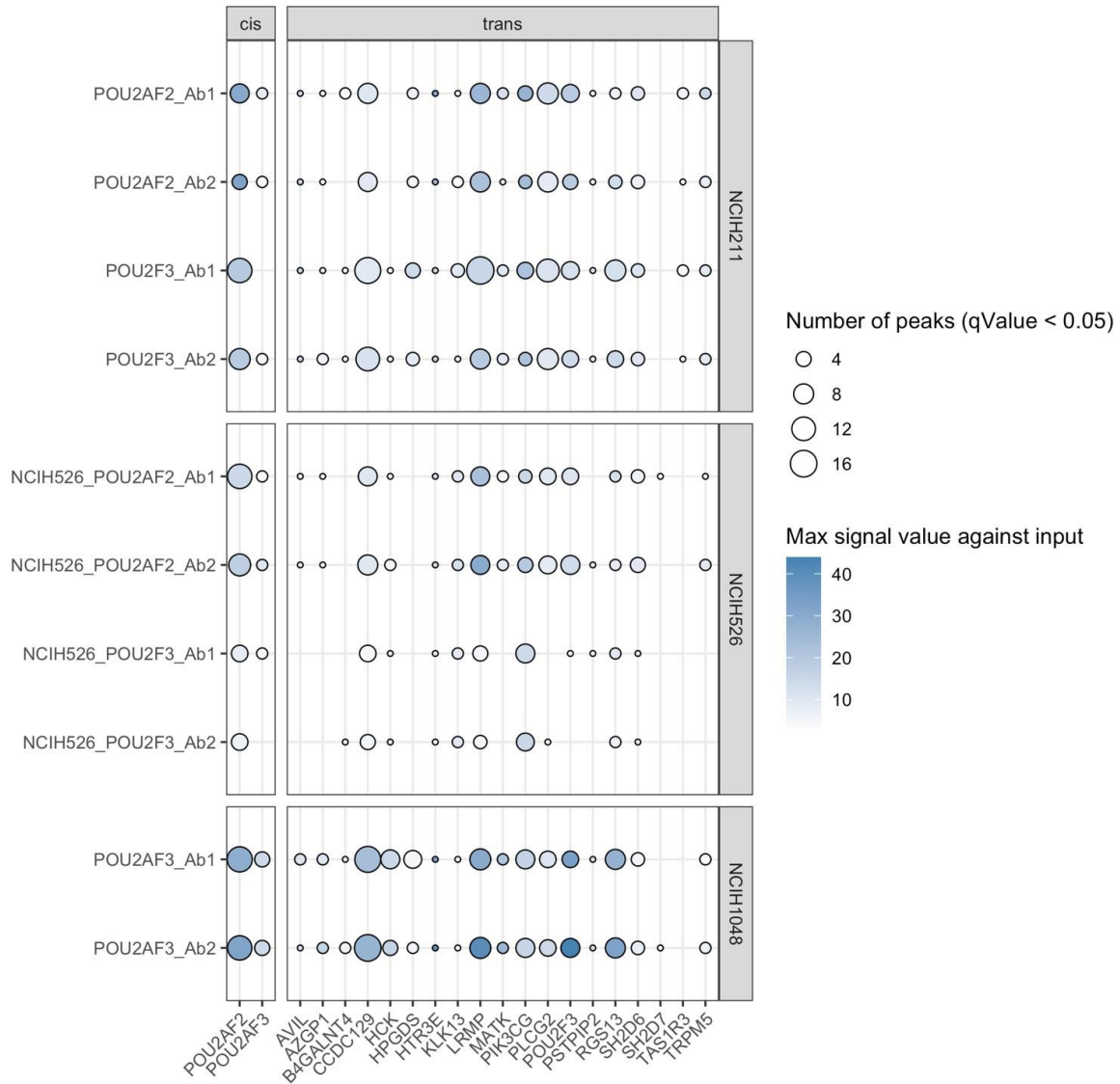


a

Occupancy of POU2AF2, POU2AF3 and POU2F3 at 11q23.1 eQTL targets



C

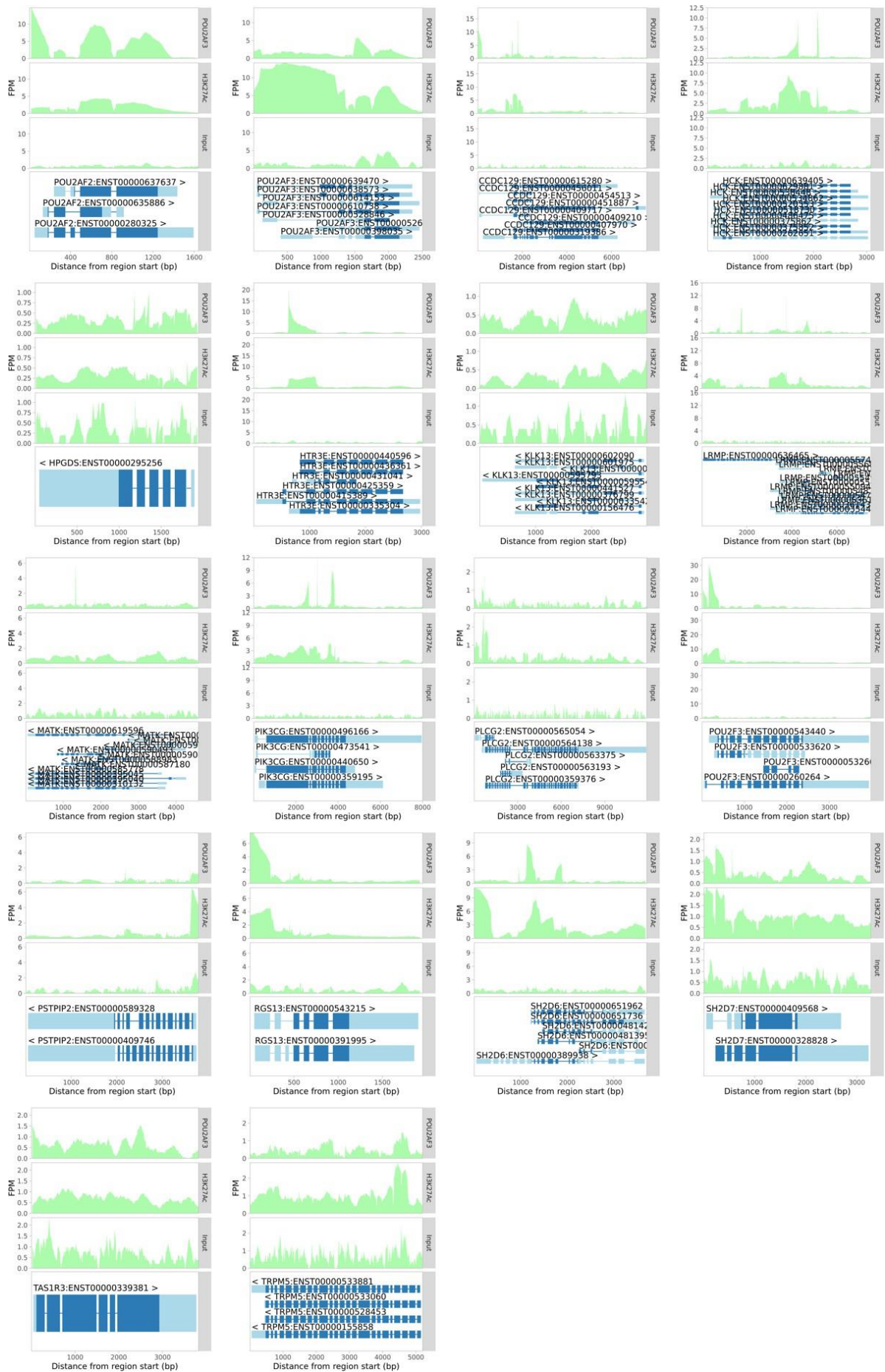


Figure S4. POU2AF2, POU2AF3 and POU2F3 exhibit correlated binding at 11q23.1 trans-eQTL targets in SCLC cell lines indicative of transcriptional activation. (a) The maximum signal value (enrichment over input) and total number of significant peaks (qvalue < 0.05) where 11q23.1 cis- and trans-eQTL targets were the closest gene in POU2AF2, POU2AF3 and POU2F3 ChIPseq experiments. POU2AF2 (b) and POU2F3 (c) enriched reads at *POU2AF2*, *POU2AF3* and 11q23.1 trans-eQTL targets bound by core motif sequence in Figure 4c. POU2AF2 traces are merged across antibody replicates. All other proteins were targeted with a single antibody within each cell-line. Red histogram=NCIH211, Grey histogram=NCIH526, green histogram=NCIH1048.