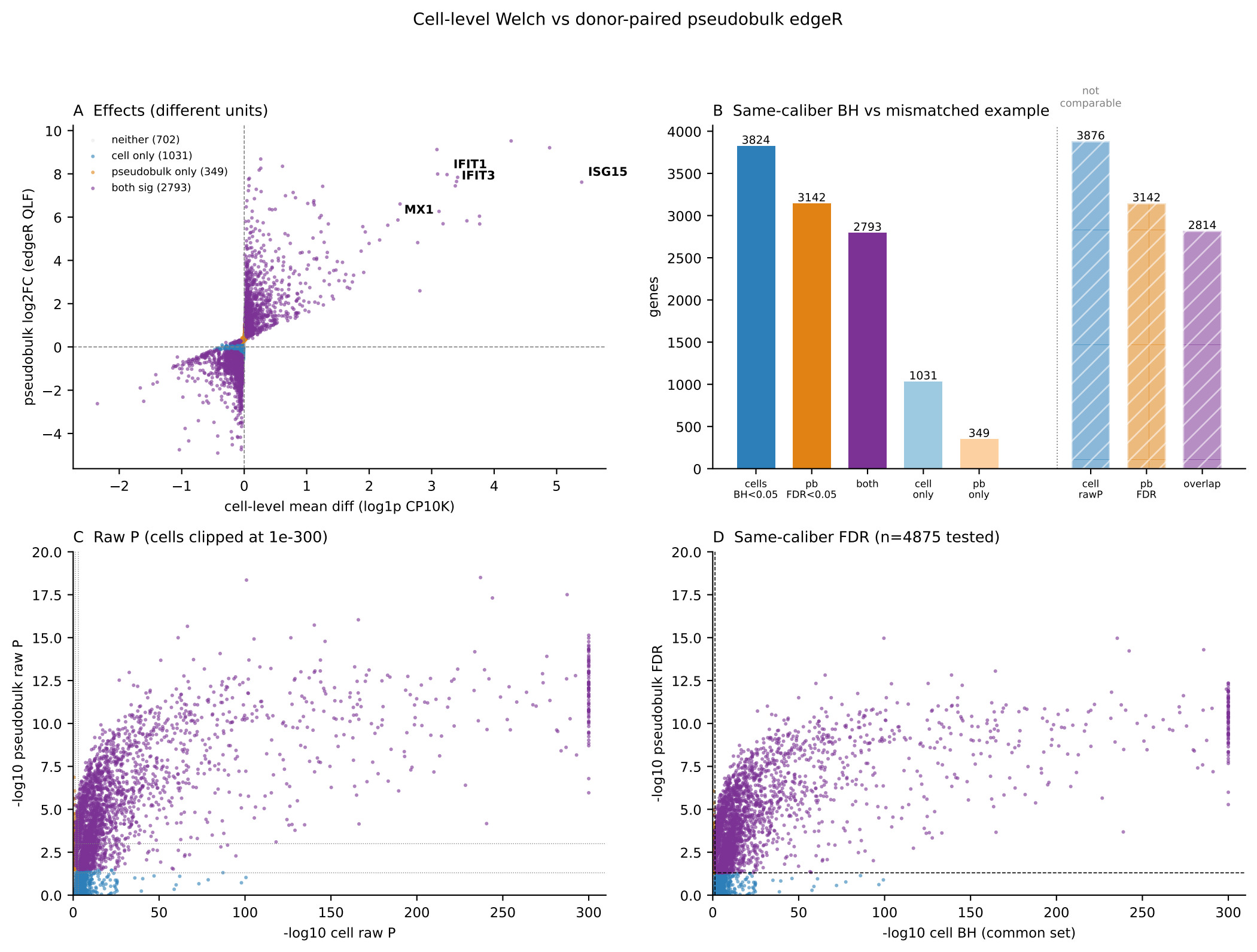
Cell-level Welch vs donor-paired pseudobulk edgeR
A Effects (different units)
neither (702)
cell only (1031)
pseudobulk only (349)
both sig (2793)
IFIT1
IFIT3
ISG15
MX1
pseudobulk log2FC (edgeR QLF)
cell-level mean diff (log1p CP10K)
B Same-caliber BH vs mismatched example
not comparable
genes
3824
3142
2793
1031
349
3876
3142
2814
cells BH<0.05
pb FDR<0.05
both
cell only
pb only
cell rawP
pb FDR
overlap
C Raw P (cells clipped at 1e-300)
-log10 pseudobulk raw P
-log10 cell raw P
D Same-caliber FDR (n=4875 tested)
-log10 pseudobulk FDR
-log10 cell BH (common set)