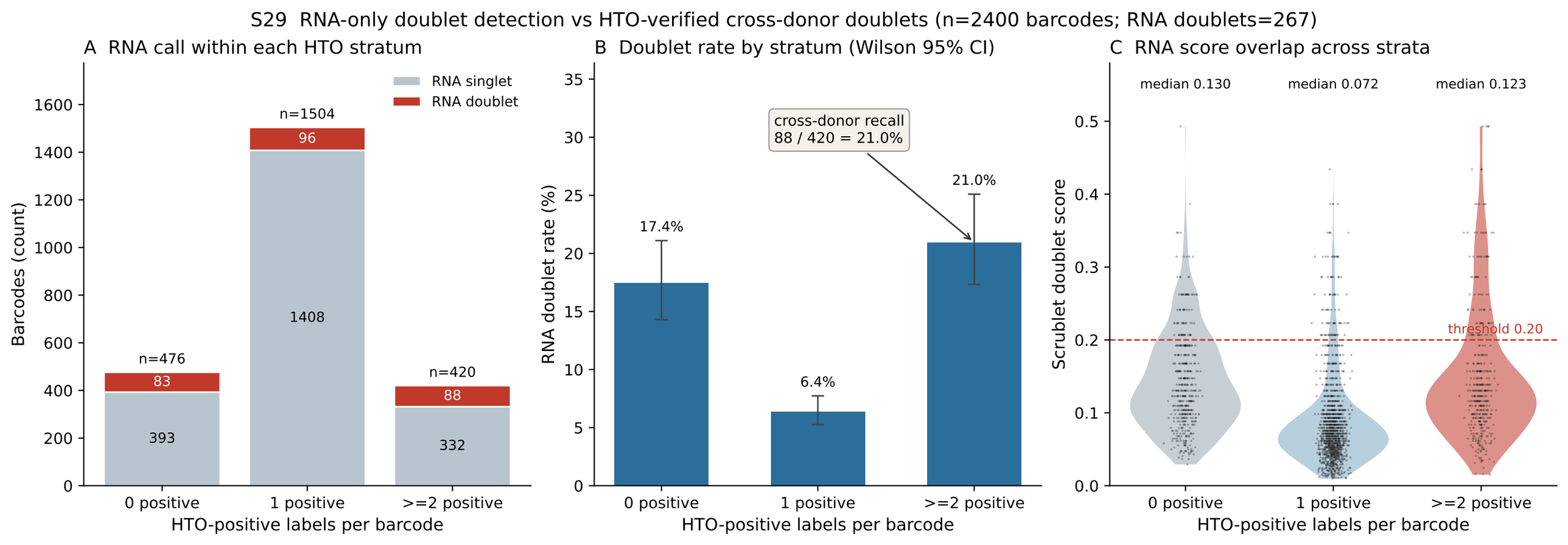

S29 RNA-only doublet detection vs HTO-verified cross-donor doublets (n=2400 barcodes; RNA doublets=267)
A RNA call within each HTO stratum
RNA singlet
RNA doublet
Barcodes (count)
n=476
83
393
n=1504
96
1408
n=420
88
332
0 positive
1 positive
>=2 positive
HTO-positive labels per barcode
B Doublet rate by stratum (Wilson 95% CI)
RNA doublet rate (%)
cross-donor recall
88 / 420 = 21.0%
17.4%
6.4%
21.0%
0 positive
1 positive
>=2 positive
HTO-positive labels per barcode
C RNA score overlap across strata
median 0.130
median 0.072
median 0.123
Scrublet doublet score
threshold 0.20
0 positive
1 positive
>=2 positive
HTO-positive labels per barcode