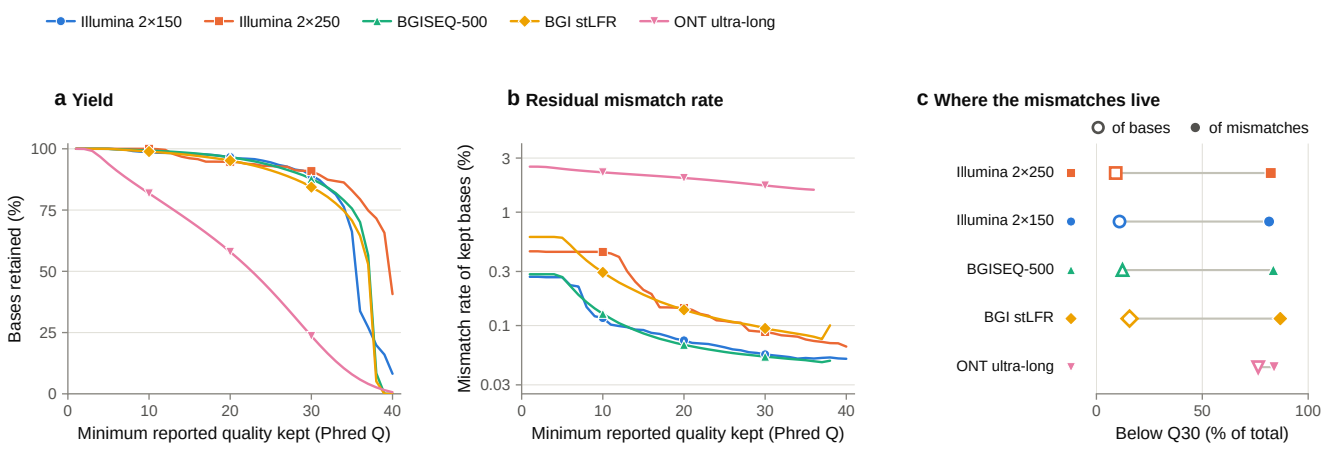
Illumina 2×150
Illumina 2×250
BGISEQ-500
BGI stLFR
ONT ultra-long
a Yield
Bases retained (%)
100
75
50
25
0
0
10
20
30
40
Minimum reported quality kept (Phred Q)
b Residual mismatch rate
Mismatch rate of kept bases (%)
3
1
0.3
0.1
0.03
0
10
20
30
40
Minimum reported quality kept (Phred Q)
c Where the mismatches live
of bases
of mismatches
Illumina 2×250
Illumina 2×150
BGISEQ-500
BGI stLFR
ONT ultra-long
0
50
100
Below Q30 (% of total)