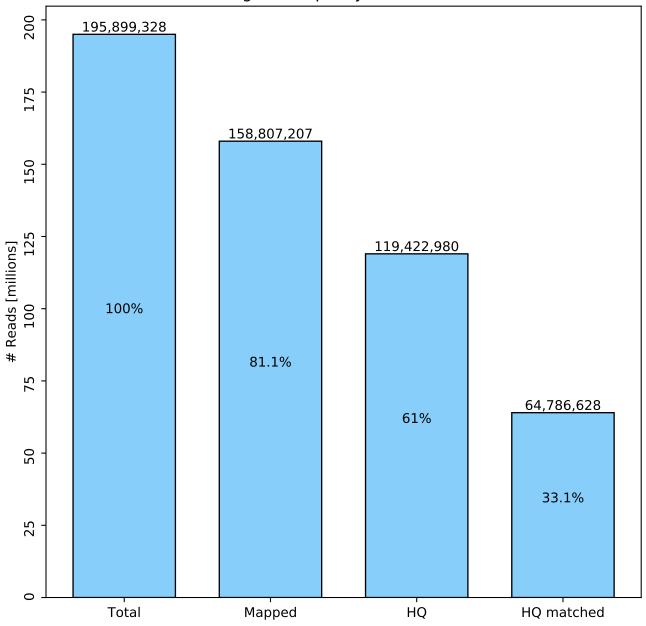
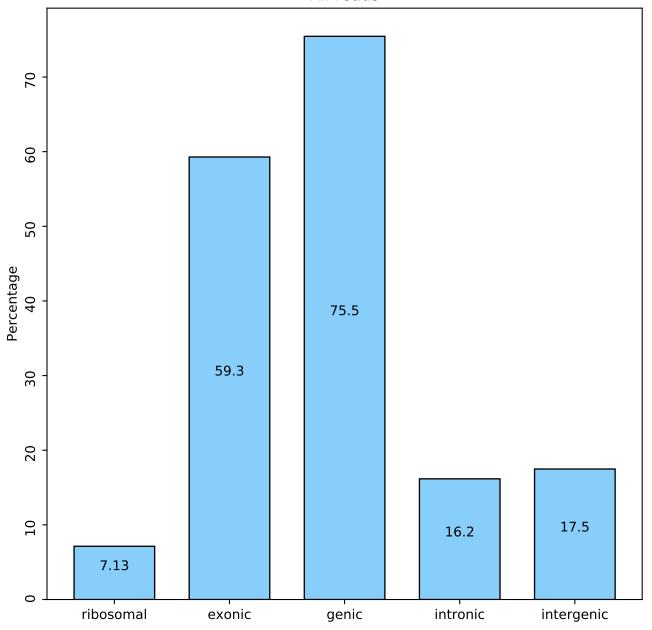
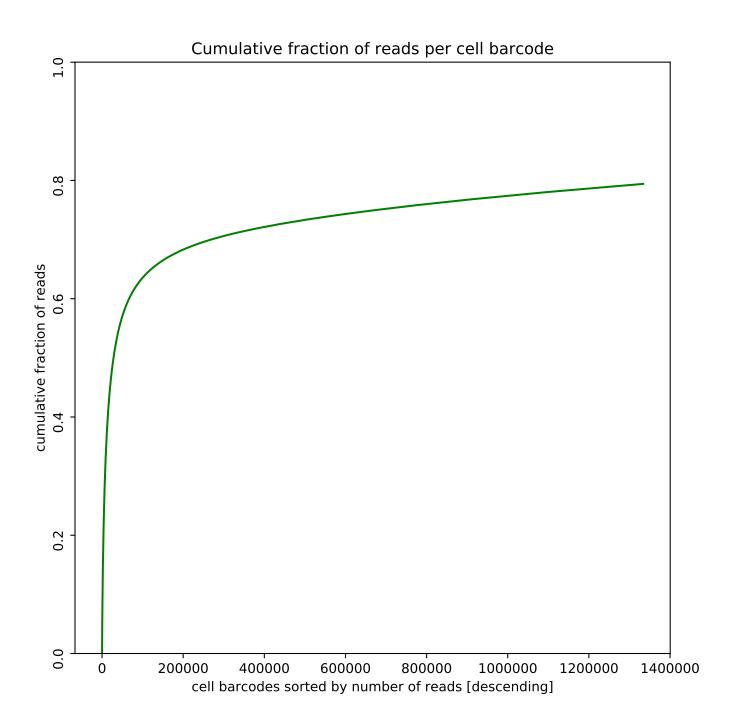
Alignment quality for all reads

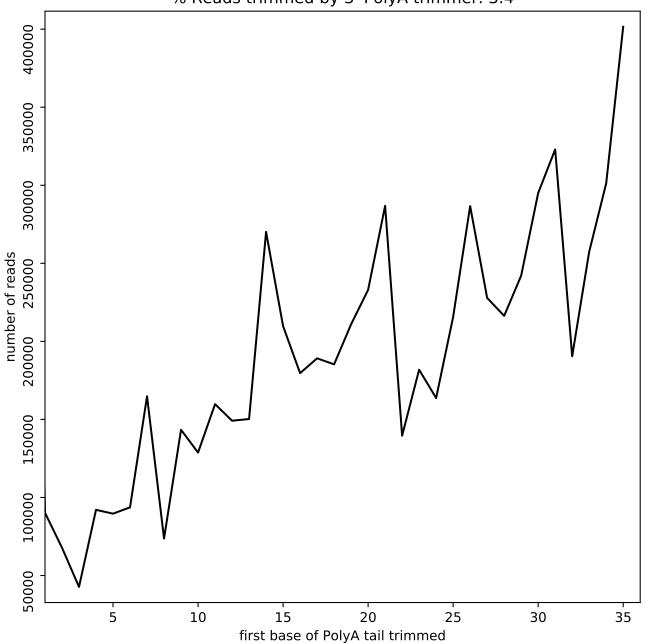




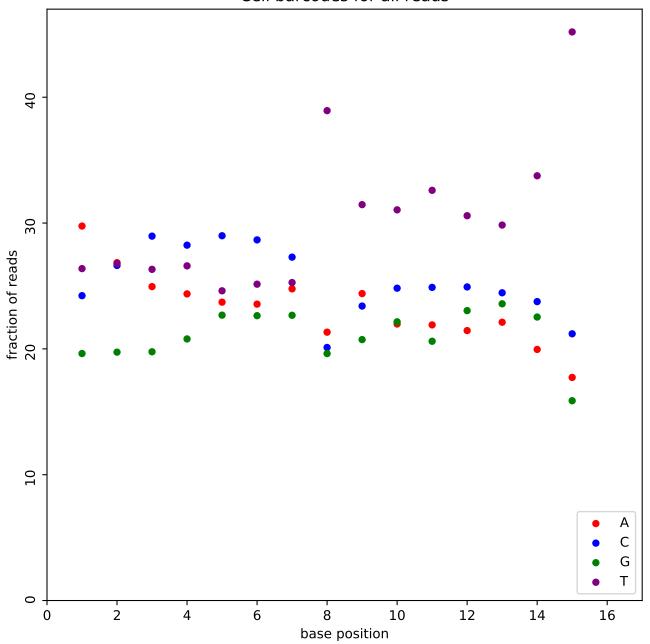


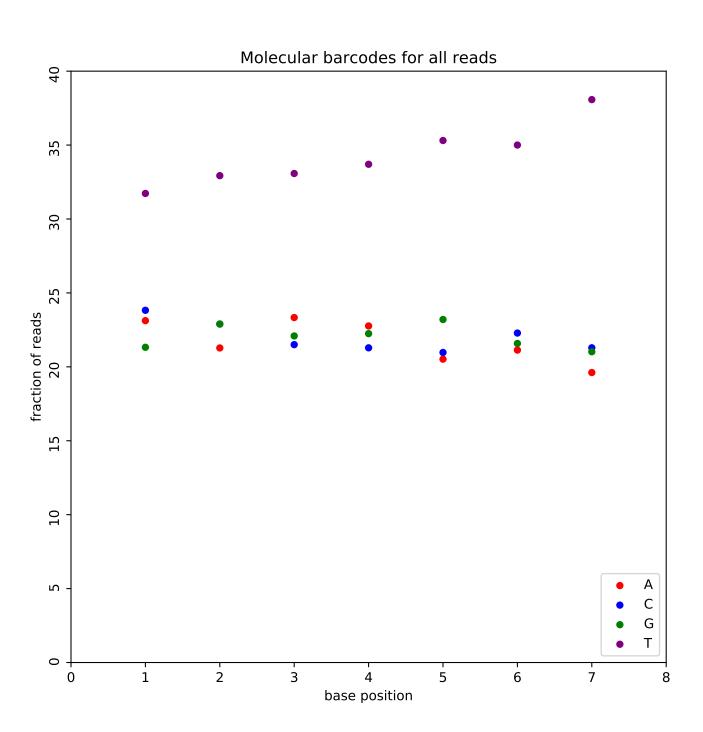


% Reads trimmed by 3' PolyA trimmer: 3.4

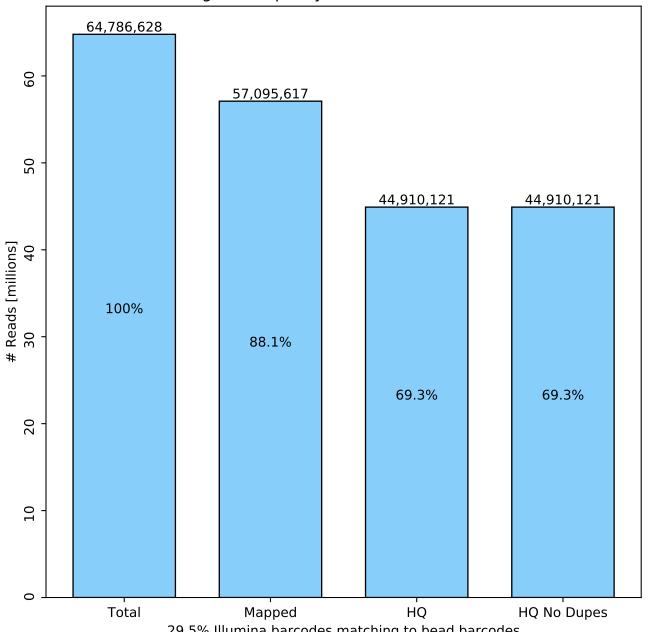


Cell barcodes for all reads



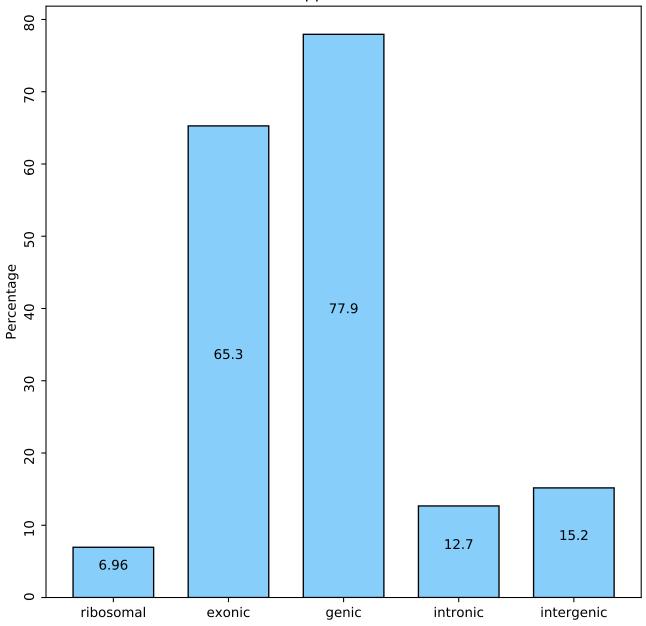


Alignment quality for matched barcodes

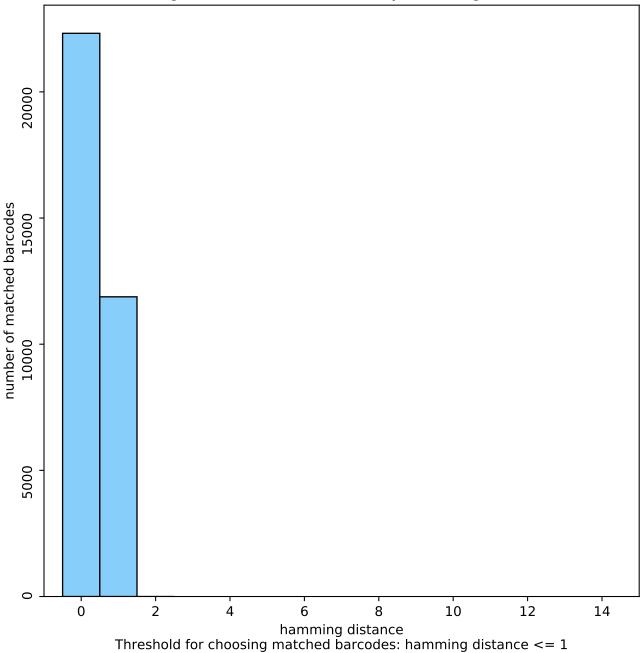


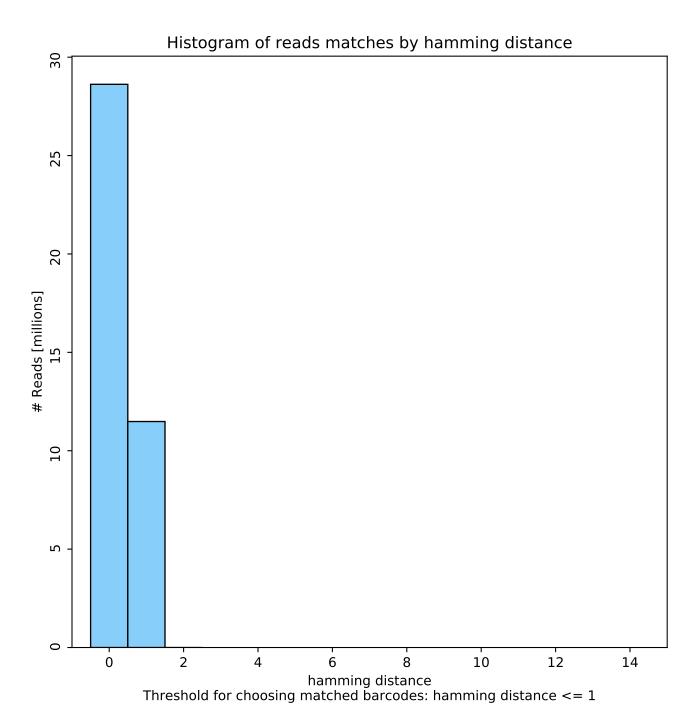
29.5% Illumina barcodes matching to bead barcodes 41.4% bead barcodes matching to Illumina barcodes

All reads that mapped to matched barcodes

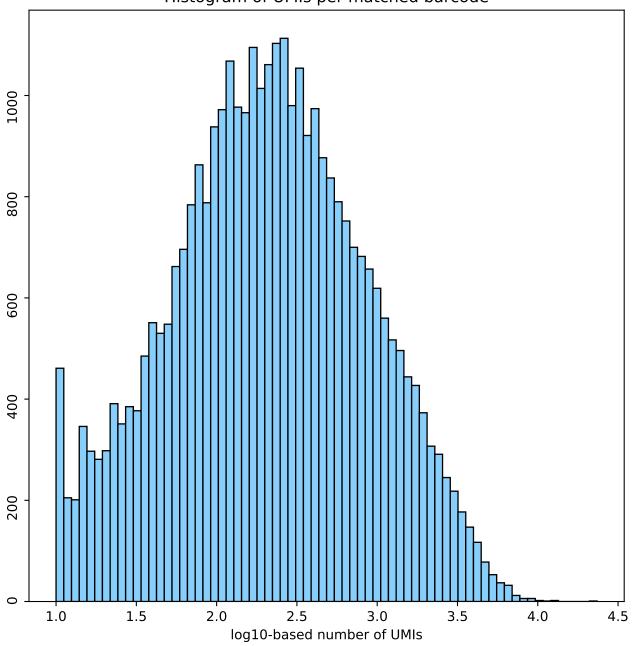


Histogram of barcode matches by hamming distance

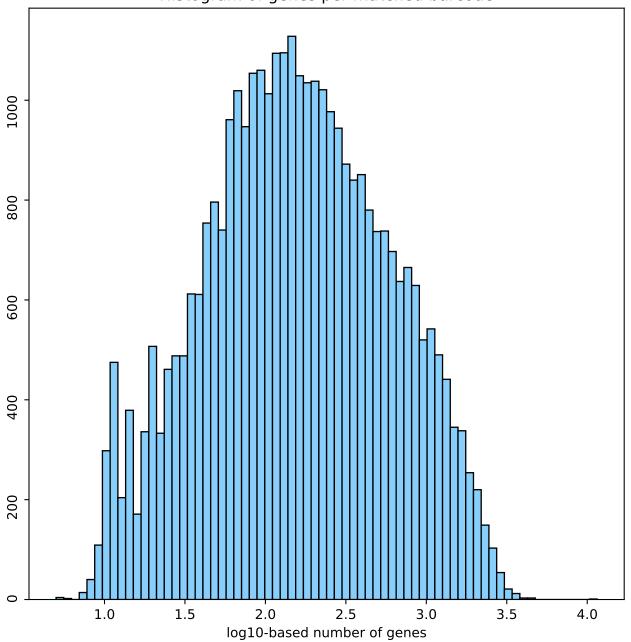


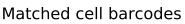


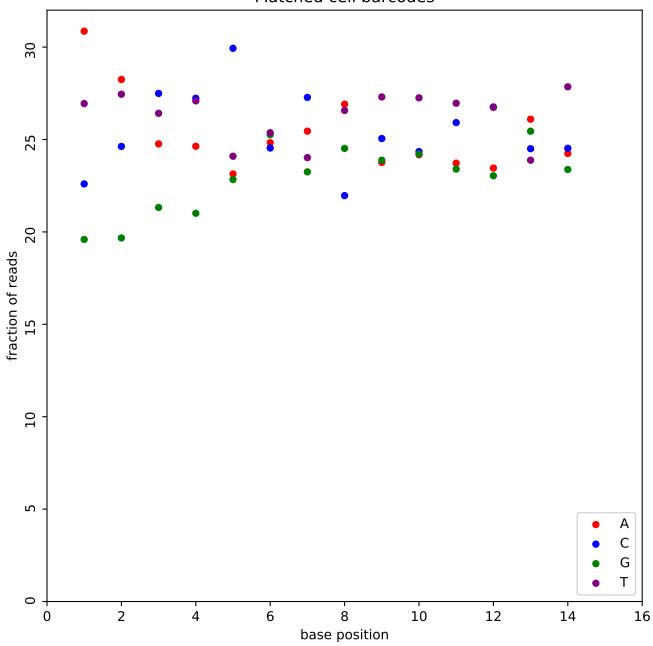
Histogram of UMIs per matched barcode



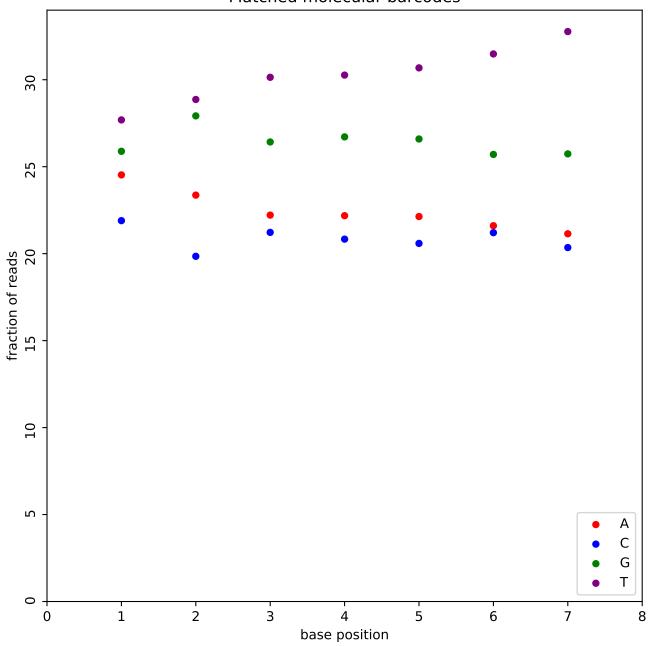
Histogram of genes per matched barcode



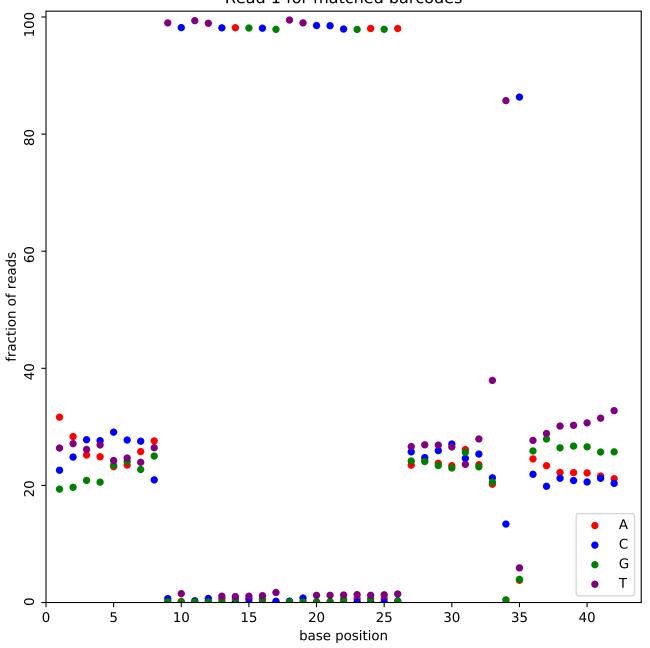




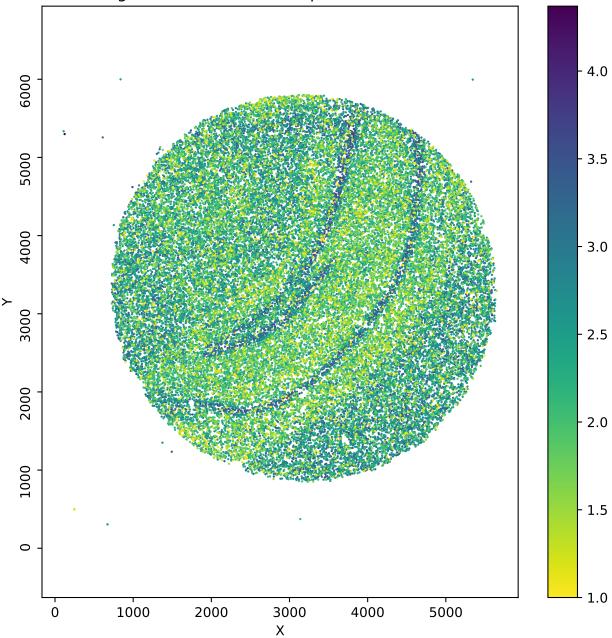
Matched molecular barcodes



Read 1 for matched barcodes

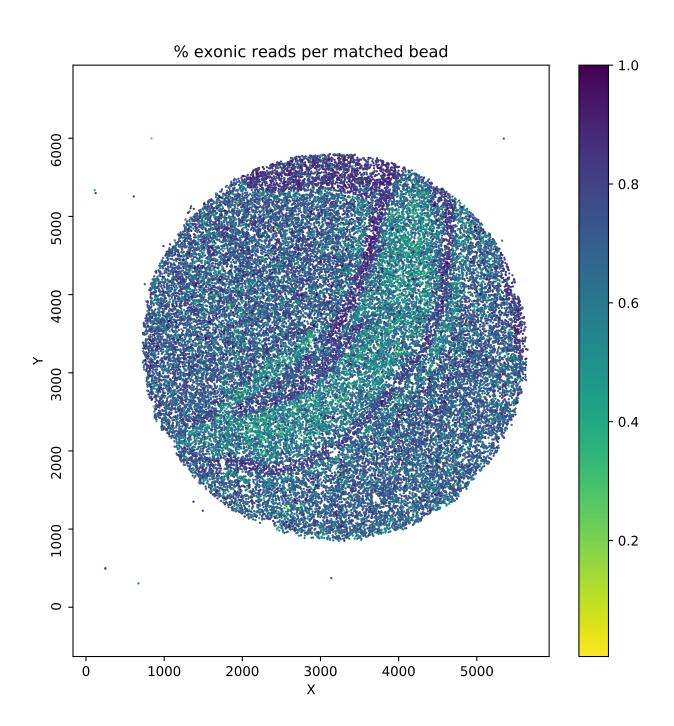


log10 based total # UMIs per matched bead



% mitochondrial reads per matched bead 0009 - 0.8 5000 4000 0.6 3000 0.4 2000 1000 0.2 0 0.0 Ó 1000 2000 5000 3000 4000

Χ



% ribosomal reads per matched bead 0.6 0009 - 0.5 5000 0.4 4000 - 0.3 3000 2000 - 0.2 1000 - 0.1 0 0.0 Ó 1000 2000 5000 3000 4000 Χ