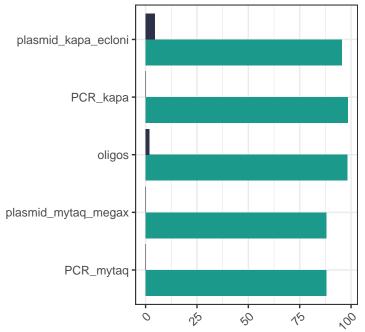
## barcodes matching, rpm cutof



designed barcodes in sequencing data