

Cell hashing assay scheme – 10x Genomics single cell 3' v2 chemistry

cDNA production from 10x single cell 3' v2 chemistry (From 10x Genomics)



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Gel bead oligo primer annealed to antibody-conjugated oligo – partial TruSeq read 2 handle

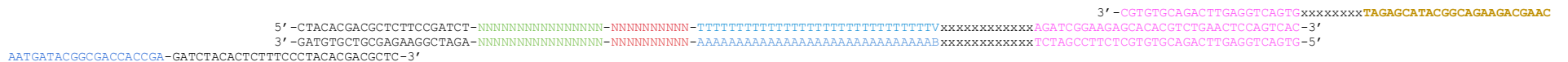


double stranded cDNA after RT (and cDNA PCR with additive) – 125 nt

HTO cDNA additive primer: 5' -GTGACTGGAGTTCAGACGTGTC*T*C-3'



Library PCR – addition of P5 and P7 ends. SI-PCR (P5) and D7xx_s (P7)



Cell hashing HTO final library – 193 nt



Cell hashing assay scheme. 10x Genomics single cell 3' v2 chemistry. Marlon Stoeckius & Peter Smibert. Contact: nygctech@gmail.com