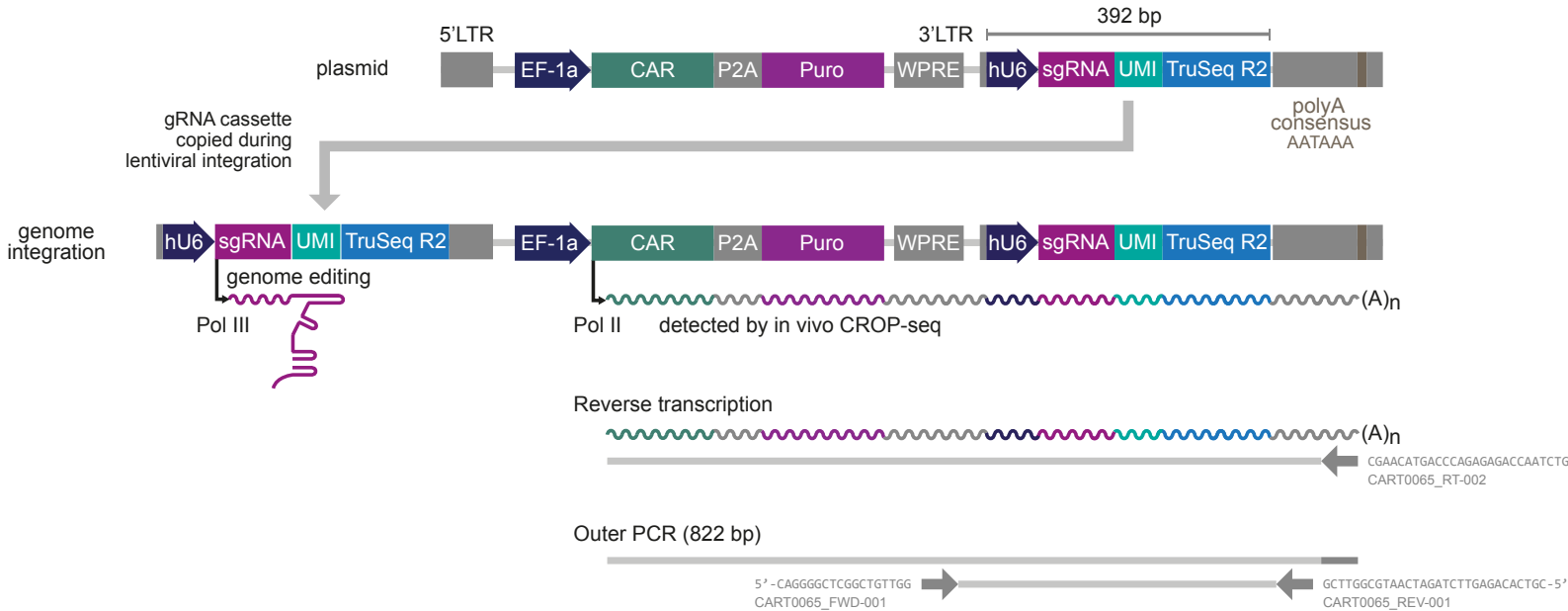


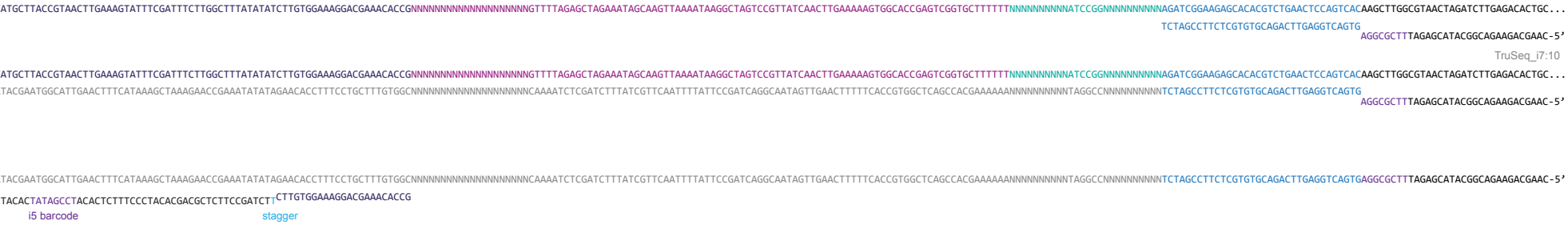
a gRNA library cloning for *in vivo* CROP-seq



b Sequencing library preparation for screening with *in vivo* CROP-seq



Inner PCR with NGS extensions (288 bp)



Next-generation sequencing



Read structure

Read1: ≥ 50 bases (1-7 stagger, 23 partial hU6, 20 gRNA protospacer)

Read2: ≥ 26 bases (10 N, CCGAT, 10 N)

Index1: 8 bases

Index2: 8 bases