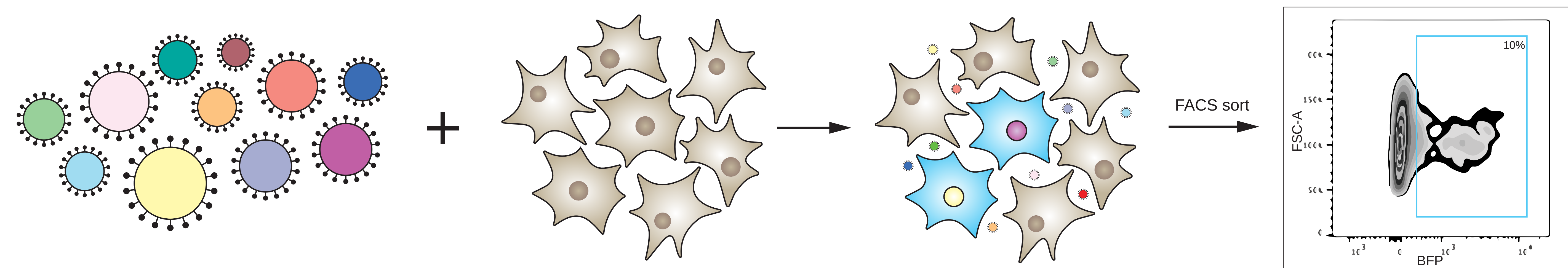


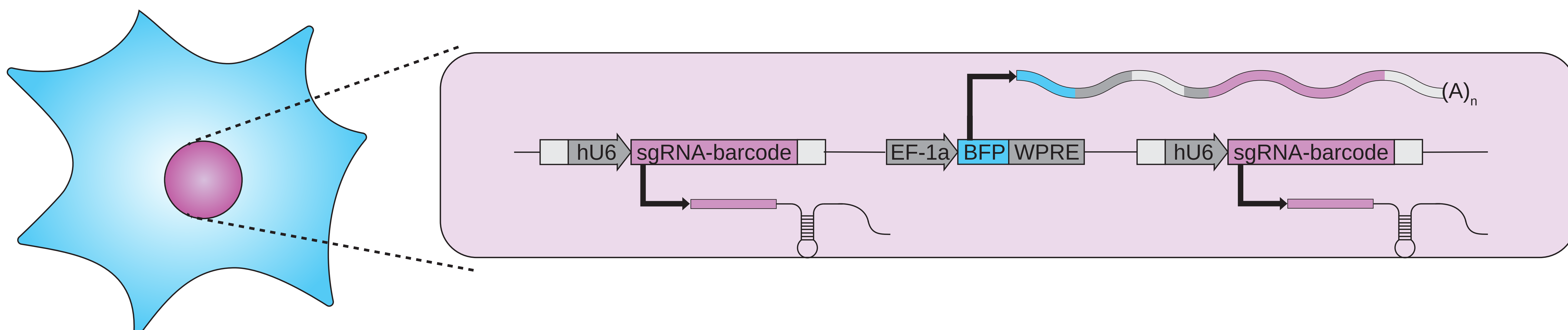
# 1. Assemble sgRNA Barcode Transfer Vector Plasmid Pool



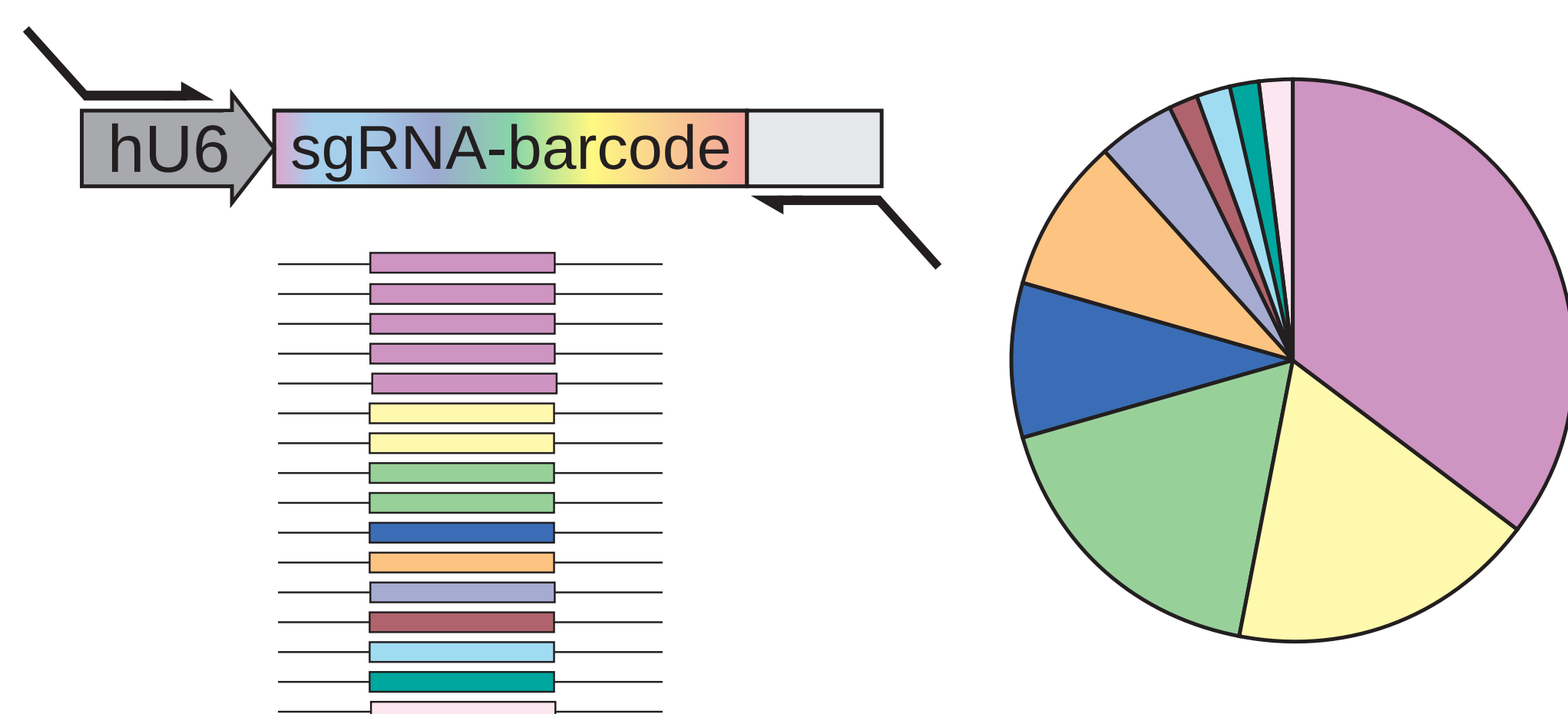
# 2. Package sgRNA Barcode Vector into Lentivirus and Transduce Cells



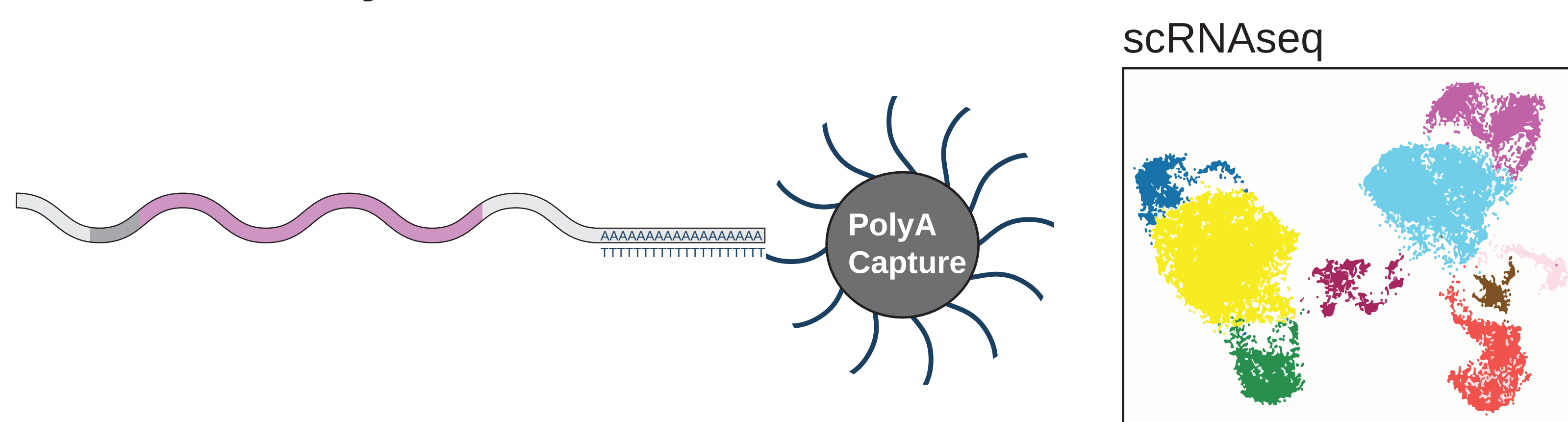
# 3. Transduced Cells Produce a Functional sgRNA Barcode and BFP



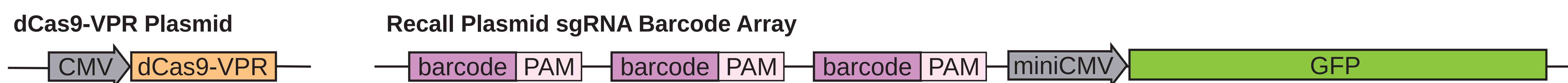
# 4. Barcode Sequence Analysis



# 5. NGS Analysis



# 6. Prepare Recall Plasmids for Lineages of Interest



# 7. Barcode Actuate Gene Expression For Lineage Isolation

