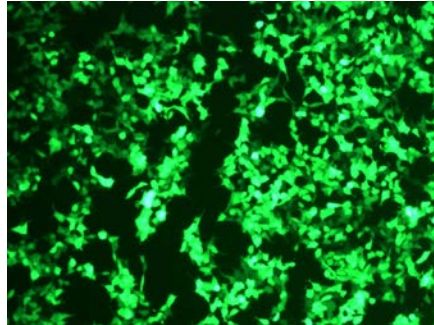
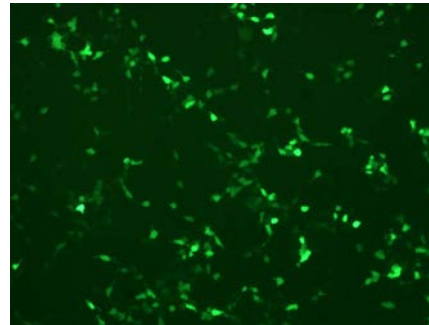


QC: Preparation of lentiviral particles, HEK293T transfection (48 hr)

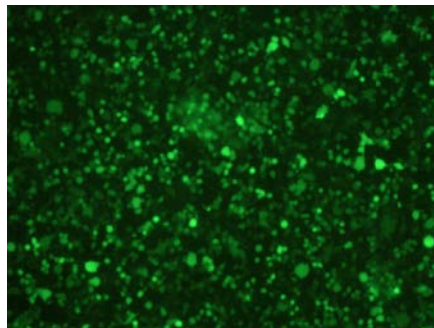


Lenti Vector only

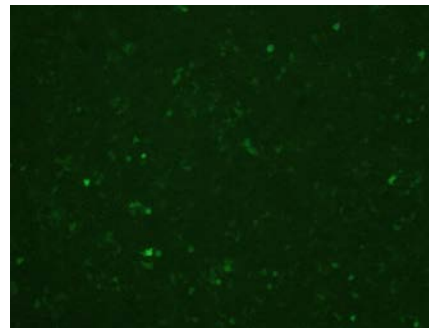


Lenti-shRNA targeting tGFP

QC: Transduction test (4 days)



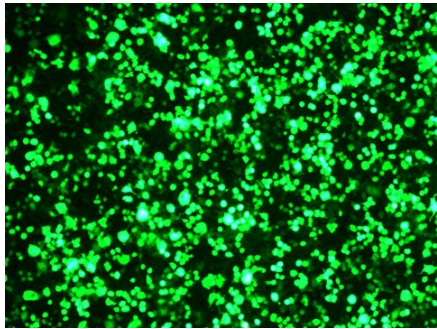
Vector only



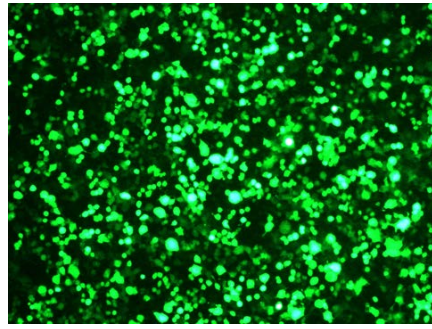
shRNA targeting tGFP

QC: With MegaTran1.0 and TR300022

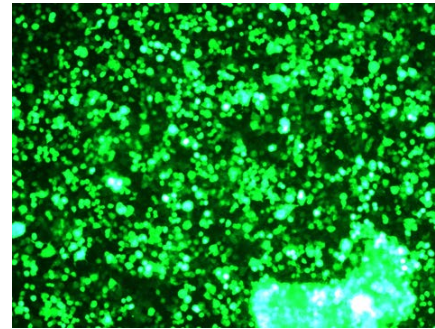
Transfection (72 hr)



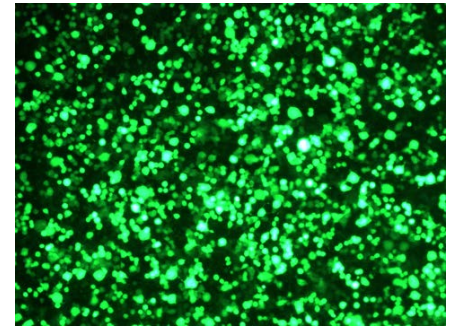
Construct A



Construct B

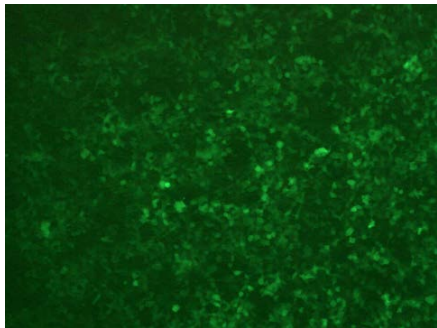


Construct C

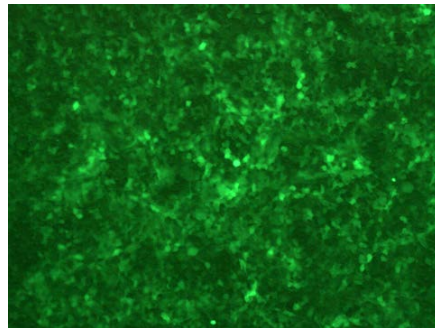


Construct D

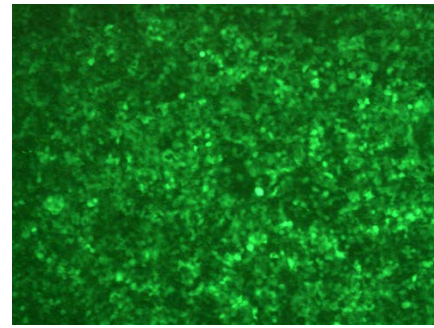
Transduction (72 hr 2mL)



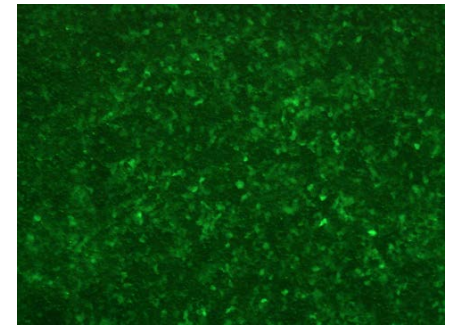
Construct A



Construct B

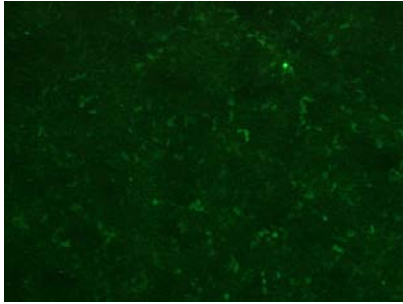


Construct C

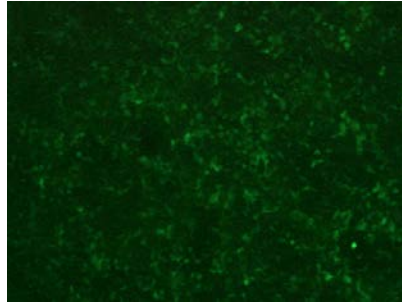


Construct D

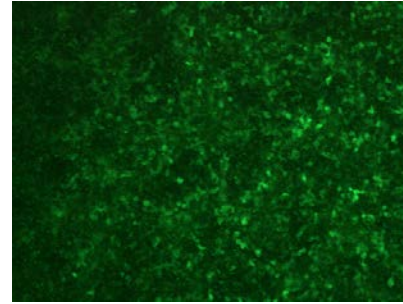
QC: Empty vector transduction (72 hr)



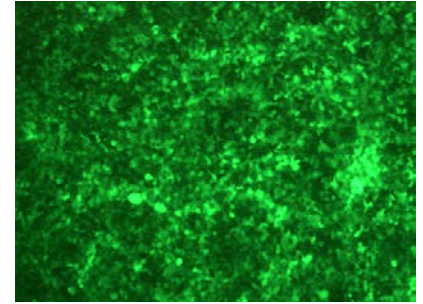
0.2 mL



0.5 mL



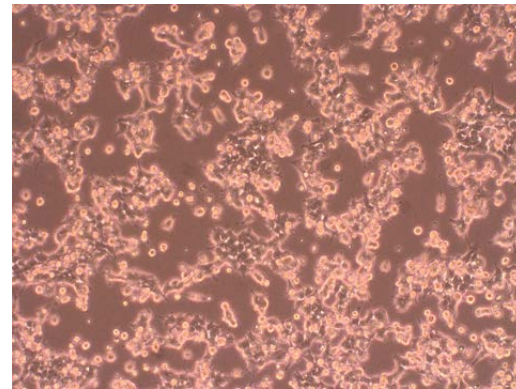
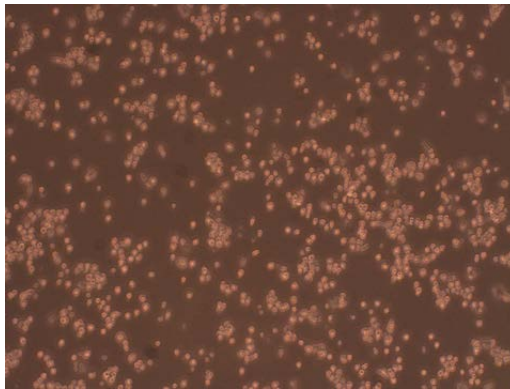
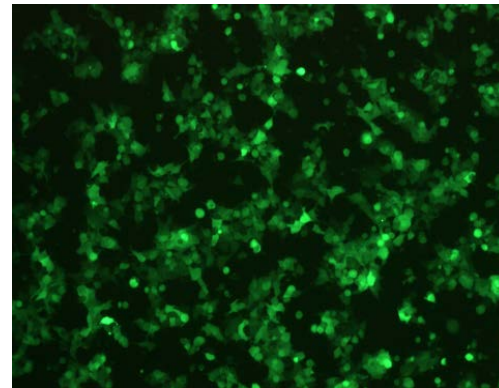
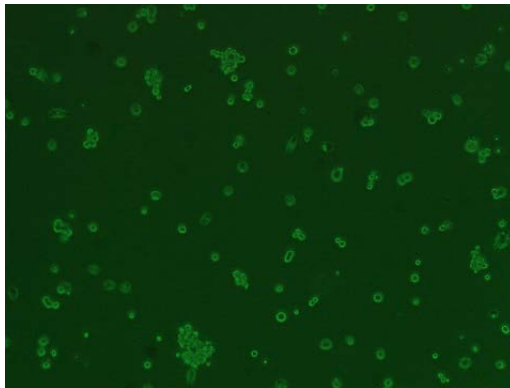
1.0 mL



2 mL

QC: Puromycin selection

Transduction for 4 days and split the cells in puro containing media
20 percent H293Tcells in 1ug per ml puromycin media. (72hr no GFP)



No transduction cells

TR300023 transduction cells