

pDΔpbsSVpuro

**pDΔpbsSVpuro + pDHEneo
or pDΔpSVpuro**

Transfect

Cotransfect

Puro^R helper cell clones

Transfect pDHEneo

Neo^RPuro^R helper cell clones

Neo^RPuro^R helper cell clones

**Harvest virus
Infect NIH3T3 cells**

Select for puromycin or G418

Determine virus titers and recombination frequencies