Fig. 5a

Production of Cas9 lentivirus

(4-5 days)

AML cells with stable Cas9 expression

Selection with Blasticidin (~1 week)



Single cell sorting for clone selection

Single cell clone expansion with Blasticidin (2-3 weeks)

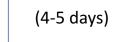
Cas9 expression and efficiency check

(8-10 days)

Guide RNA cloning (~1 week)

Fig. 5b

Production of sgRNA virus



Transduction of AML-Cas9 cells

(~ 3 weeks)

Competitive growth assay using flow cytometry