## Gene Targeting Timeline

Electroporation- Investigator provides facility with construct for transfection. Facility expands ES cells and performs electroporation.



1-3 weeks

Clone selection- Facility will provide investigator with one 96 well plate for initial screening by PCR.



Investigator provides facility with screening results and facility expands 6 identified clones.



1-2 weeks

Investigator is given a 6 well plate for Southern confirmation.



Investigator provides facility with Southern results



1-2 weeks

Microinjection performed by facility.



12-16 weeks

Chimeras ready to breed.



12-16 weeks

Brown pups born. Tails given to investigator for genotyping. Germline transmission confirmed. Mice transferred to investigator