2.5 Gy irradiation

2.5 Gy irradiation

IV injection

IV injection

ROSA^KITD 816V GLUC

ROSA^KITD 816V GLUC

4–6 weeks

4–6 weeks

4–6 weeks

Engraftment of neoplastic cells in PB

Engraftment of neoplastic cells in PB

AGS-16C3F
1 or 4 mg/kg IV once each 4 days-4 times

AGS-16C3F
1 or 4 mg/kg IV once each 4 days-4 times

Control ADC
1 or 4 mg/kg IV once each 4 days-4 times

Control ADC
1 or 4 mg/kg IV once each 4 days-4 times

4 days after the last injection:
- Luciferase activity in plasma
- Tryptase in plasma
- Number and % of MCs
Luciferase Activity

hCD45+c-kit+ (%)

Control ADC
4 mg/kg
AGS-16C3F
4 mg/kg
Control ADC
1 mg/kg
AGS-16C3F
1 mg/kg