

```

mEpo 1 MGVPHPPTLTLTLLSLTTPGLPVLCAPRUCICNSRVLEXYLLAKRAENVTMCACBCPLUSEA11VPDIKVNYAMKRMHVBZQAL=VMQG_SLLTSHA 100
LEPO 1 MGVEHCRAWLWLLTLLSLTTPGLPVLCAPRUCICNSRVLEXYLLAKRAENITTCACBCHSUNEN11VPDIKVNYAMKRMHVBZQAV-VMQG_ALLTSHA 100

mEpo 100 TLCAQALLANSOPPETLOLHDKALSGURSHTSLRVLCAGOKELNSPPDTPPA2LRU1_VDTFCKLPRVYANFLHGKLLXYGVCRREGDR 192
LEPO 101 VLEGQALLVNSCPWEZQLHVIKAVSCIRSLTILRALCAQEAISP2DASAAPIRTTATFRKLPVYVNFLECKLKLITCEACRTUDR 193

mEpo (SEQ ID NO:2)
LEPO (SEQ ID NO:4)

```



hEPO knock-in allele

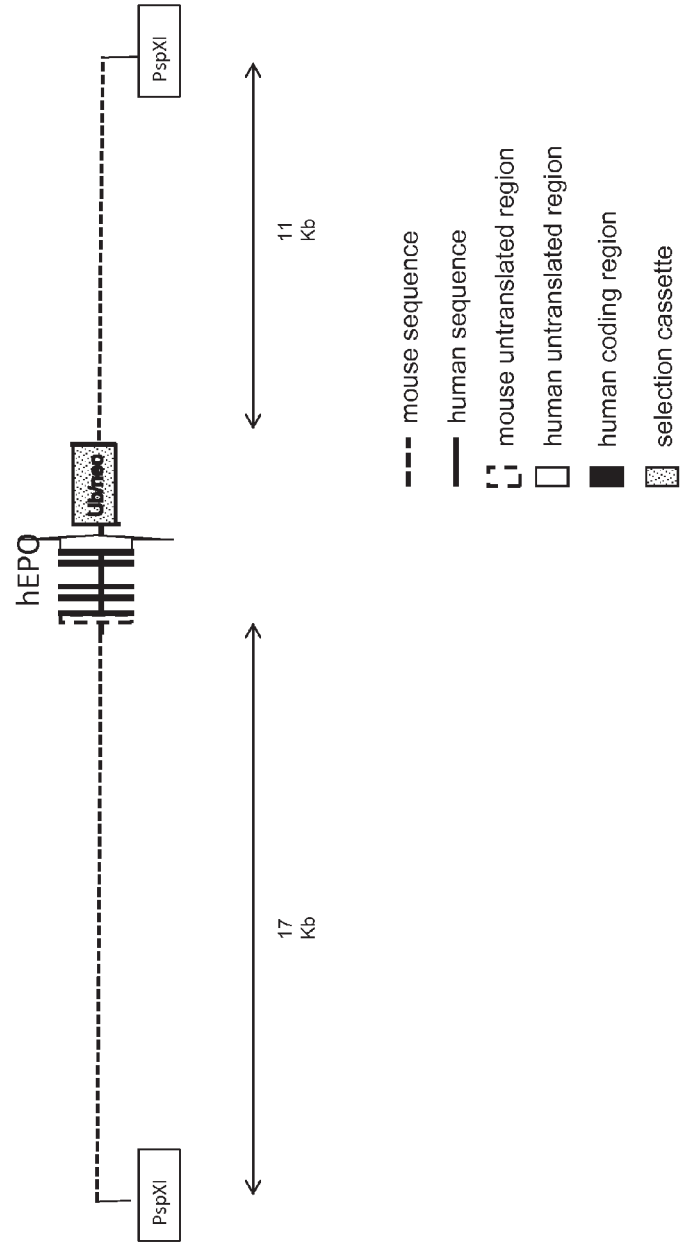


FIG. 3

Sirpa humanization Schematic

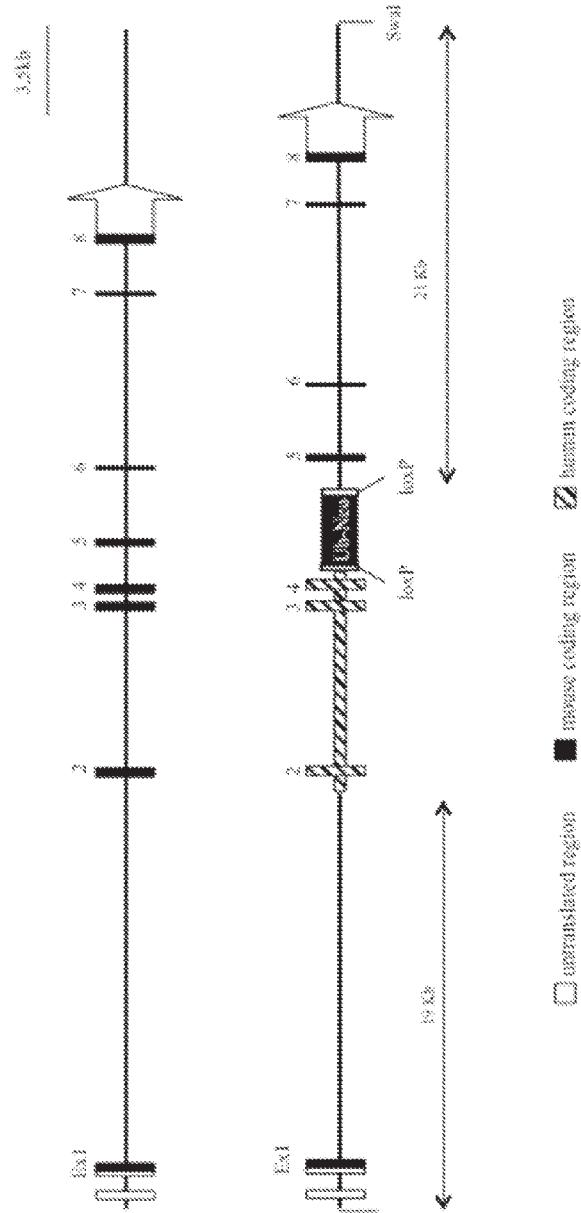


FIG. 4

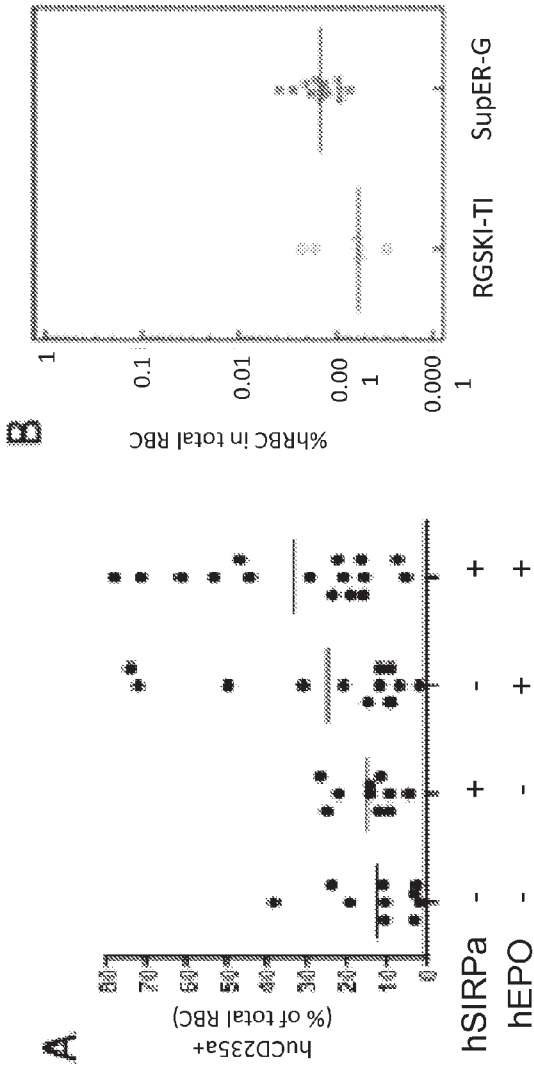


FIG. 5

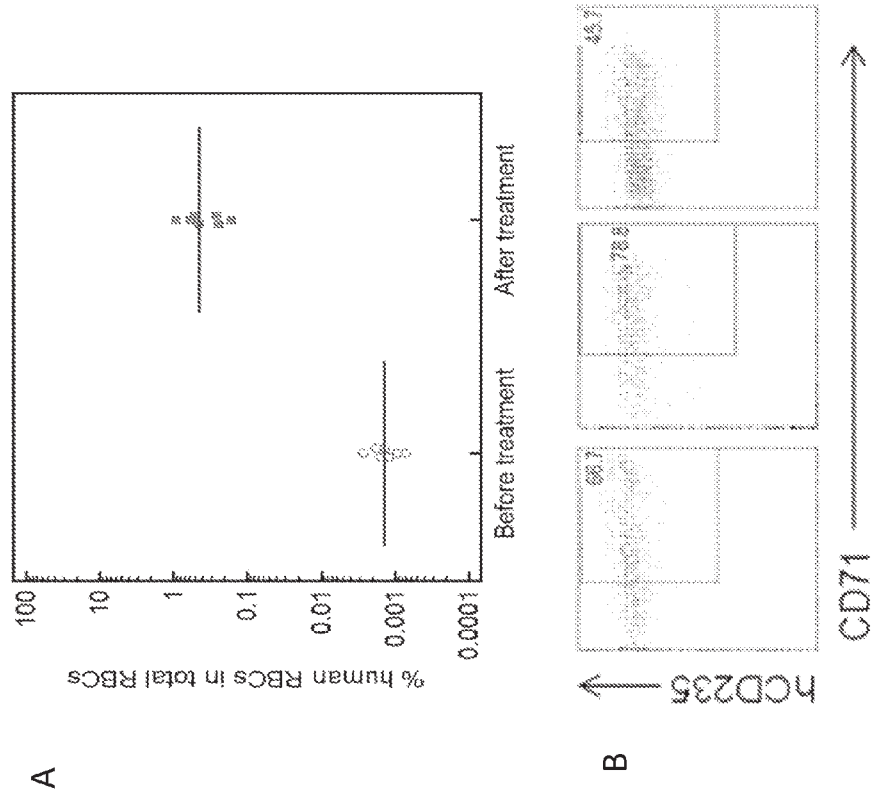


FIG. 6

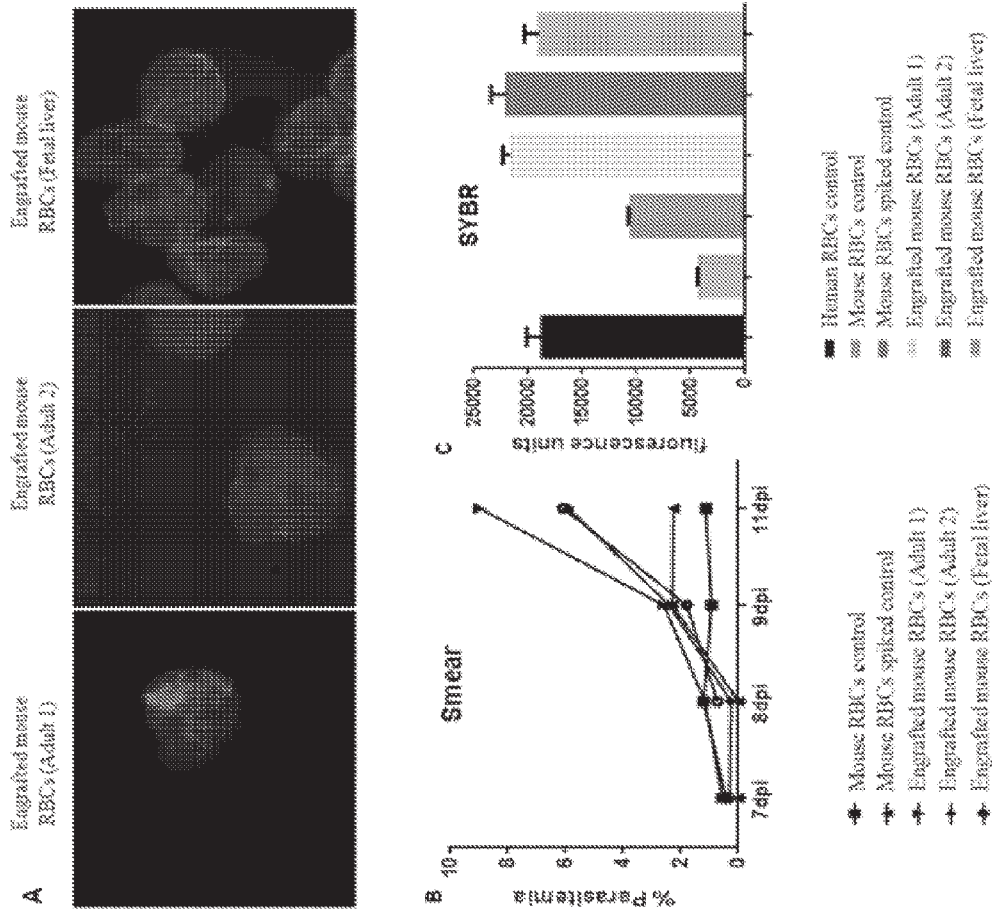


FIG. 7

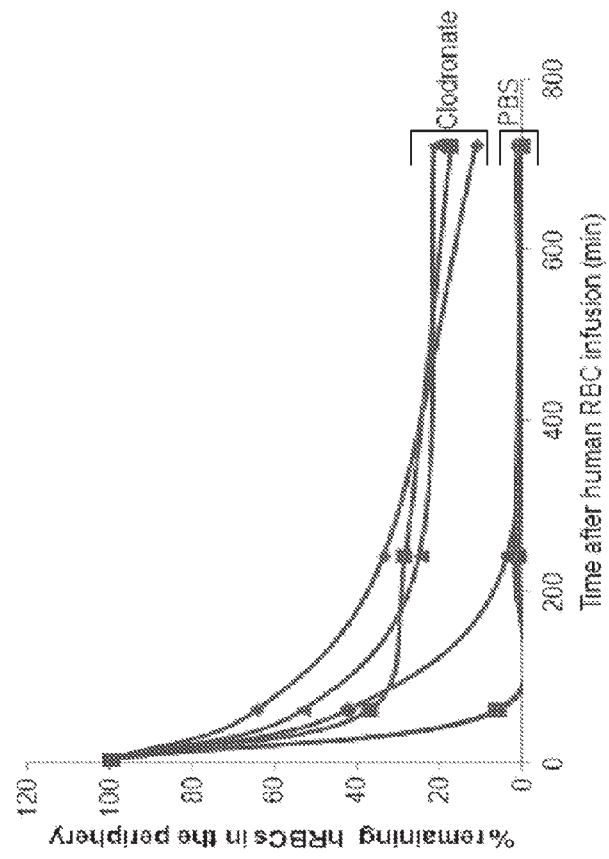


FIG. 8