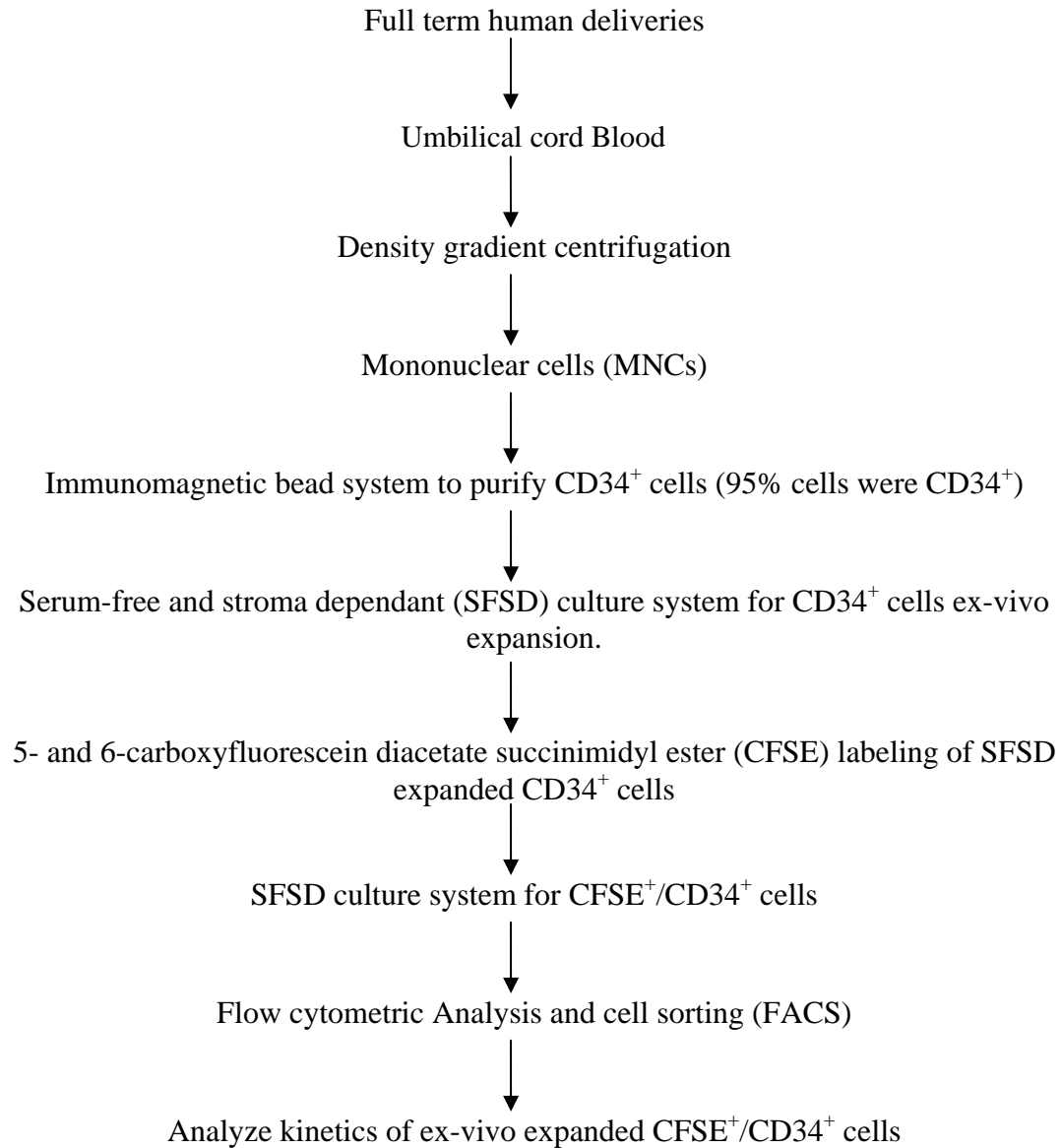
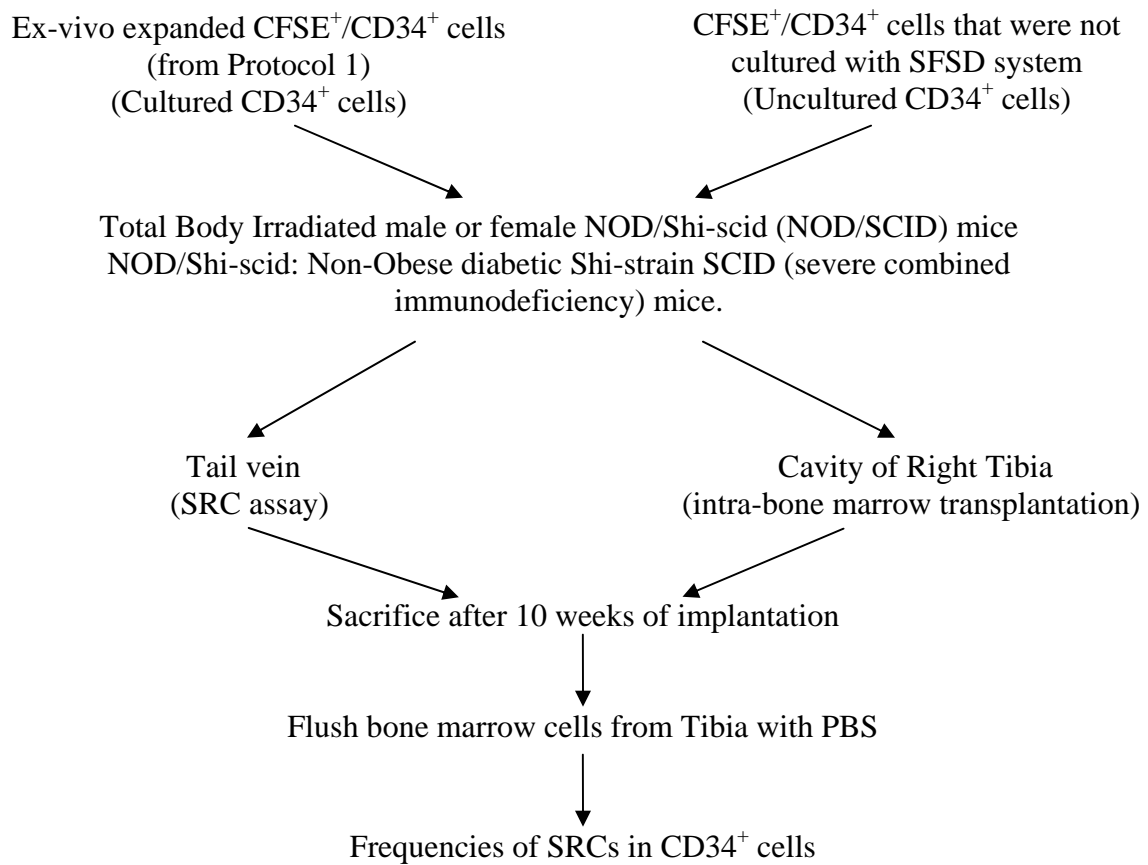


Protocol 1: Isolation of human CD34⁺ cells or human Hematopoietic stem cells (hHSCs)



Protocol 2: In-vivo expansion of hHSCs



Protocol 3: Generation of a lentivirus and clonal analysis

Retrovirus / lentivirus transfection of HSC – transiently cotransfect 4 plasmids – self-inactivating vector construct pCS –CG, Vesicular stomatitis virus G protein (VSG-G) expressing construct, reverse transcriptase expressing vectors and packaging construct.

