**UT-7 Infection and Viability Status (**Figure 1, Figure 7**)**

1. Forward Scatter (FSC) Singlets
   1. Side Scatter (SSC) Singlets
      1. Size Exclusion
         1. Ghostdye-
            1. 4G2+ Live, Infected Cells
            2. 4G2- Live, Uninfected Cells
         2. Ghostdye+ Dead Cells

**Megakaryocyte Differentiation** (preparation for infection in Figure 4)

1. FSC Singlets
   1. SSC Singlets
      1. Size Exclusion
         1. CD41a+CD42b+ Mature Megakaryocytes
         2. CD41a+CD42b- Immature Megakaryocytes
         3. CD41a-CD42b+
         4. CD41a-CD42b-

**Infected Megakaryocytes in Hu-NSG Mice (**Figure 6**)**

1. FSC Singlets
   1. SSC Singlets
      1. Size Exclusion
         1. CD45+ Bone Marrow Cells
            1. 4G2+ DENV-Infected Bone Marrow Cells
            2. 4G2-
            3. CD41a+CD42b+ Mature Megakaryocytes

4G2+ DENV-infected Mature Megakaryocytes

4G2-

* + - * 1. CD41a+CD42b- Immature Megakaryocytes

4G2+ DENV-Infected Immature Megakaryocytes

4G2-

* + - * 1. CD41a-CD42b+

4G2+

4G2-

* + - * 1. CD41a-CD42b-

4G2+

4G2-

**Platelet Counts in Hu-NSG Mice (**Figure 5**)**

1. FSC Singlets
   1. SSC Singlets
      1. CountBright Beads Counting Beads
      2. Size Exclusion
         1. mCD41+hCD41+
         2. mCD41+hCD41- Mouse Platelets
         3. mCD41-hCD41+ Human Platelets
         4. mCD41-hCD41-