**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-