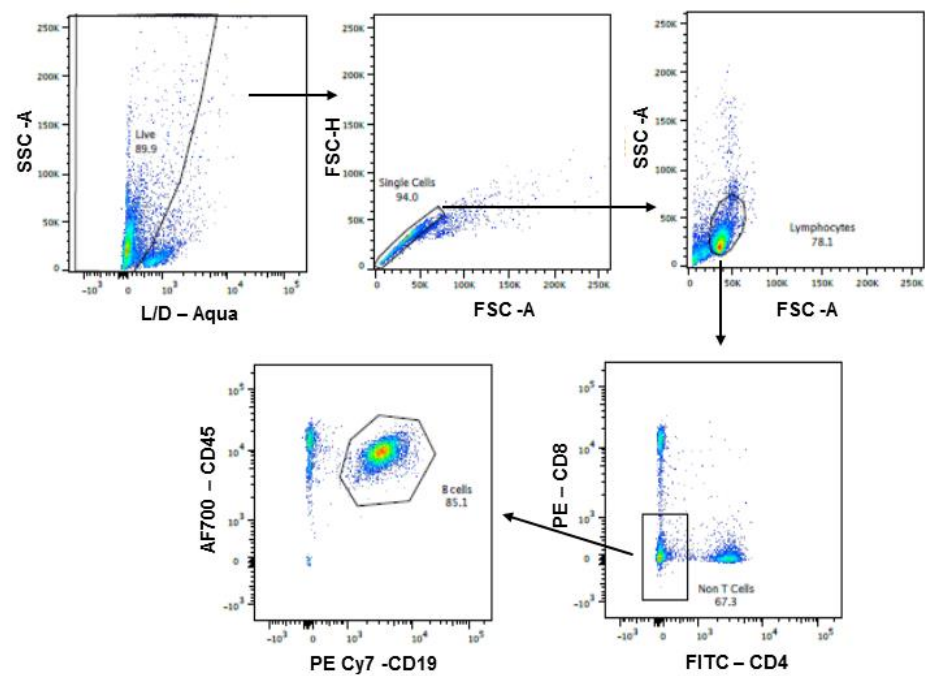


SUPPLE TABLE. 1

Parameters	muMT	
	Ctrl	STZ 8W
<i>BG (mg/dl)</i>	486.4 ± 14.34	514.0 ± 11.23
<i>Or BG (mM)</i>	or 27.0 ± 2.10	or 28.58 ± 1.37
<i>BW (g)</i>	19.4 ± 3.15	16.2 ± 2.38
HbA _{1c} (%)	9.1 ± 0.23	9.9 ± 0.28
Heart rate (bpm)	422.0 ± 19.42	420.0 ± 18.23
<i>LV mass (g/kg)</i>	142.36 ± 20.11	157.93 ± 21.35
<i>Heart weight/tibia length (mg/mm)</i>	0.05 ± 0.01	0.07 ± 0.02
<i>EF%</i>	35.46 ± 4.13	24.41 ± 4.52
<i>FS%</i>	19.07 ± 1.36	12.88 ± 3.14
E velocity (m/s)	0.92 ± 0.18	0.98 ± 0.21
A velocity (m/s)	0.48 ± 0.17	0.42 ± 0.13
<i>E/A ratio</i>	0.92 ± 0.11	0.90 ± 0.10
<i>IVRT (ms)</i>	24.31 ± 3.12	26.24 ± 2.14
<i>LV diastolic posterior wall thickness (mm)</i>	1.18 ± 0.32	1.22 ± 0.23
<i>LV systolic posterior wall thickness (mm)</i>	1.38 ± 0.24	1.44 ± 0.54
<i>Intraventricular diastolic septum diameter (mm)</i>	0.95 ± 0.29	0.99 ± 0.23

<i>Intraventricular systolic septum diameter (mm)</i>	1.30±0.42	1.60±0.42
<i>LV diastolic internal diameter (mm)</i>	4.24 ± 0.49	4.52 ± 0.67
<i>LV internal systolic diameter (mm)</i>	3.10 ± 0.93	3.25 ± 0.52
<i>LV diastolic vol (uL)</i>	70.39 ± 8.34	76.63 ± 9.13
<i>LV systolic vol (uL)</i>	68.23 ± 10.35	75.28 ± 9.36

Supple Figure 1



Supple Figure 2

