

Figure 1

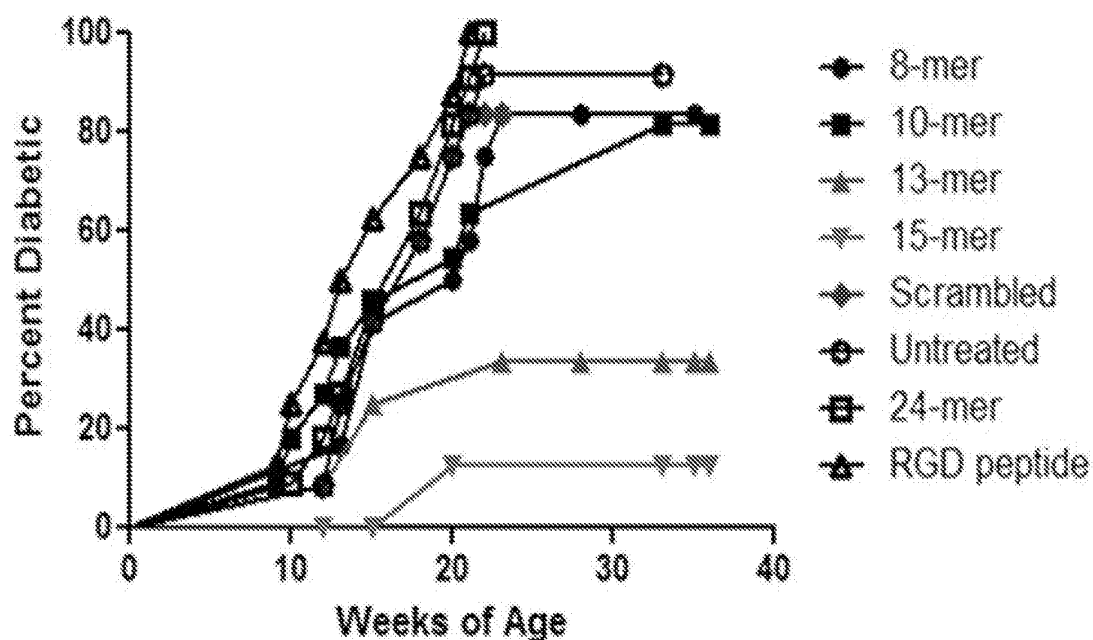


Figure 2A

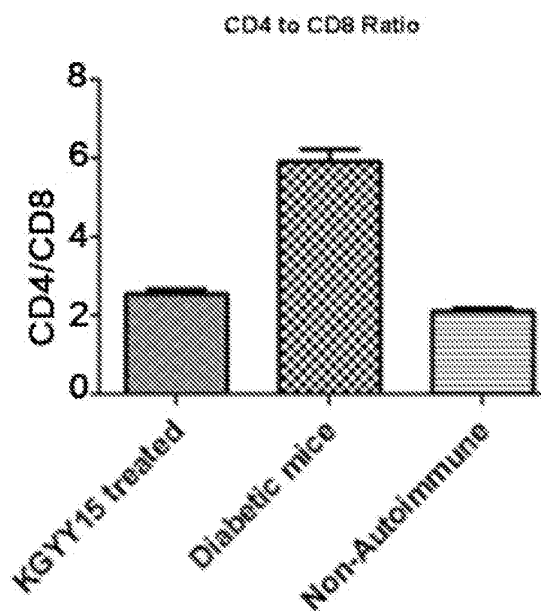


Figure 2B

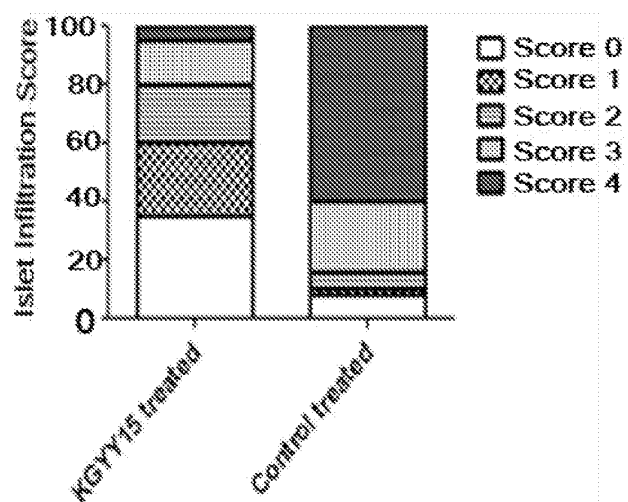


Figure 3

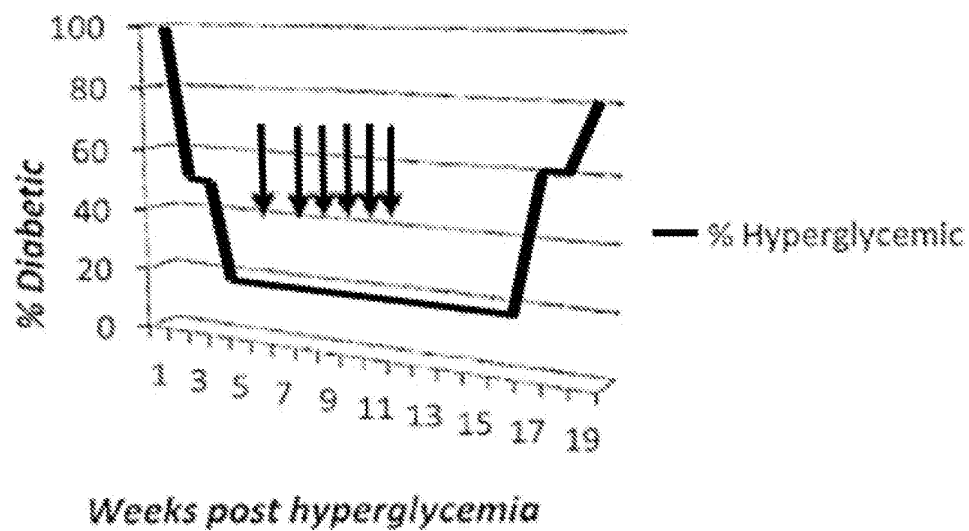


Figure 4

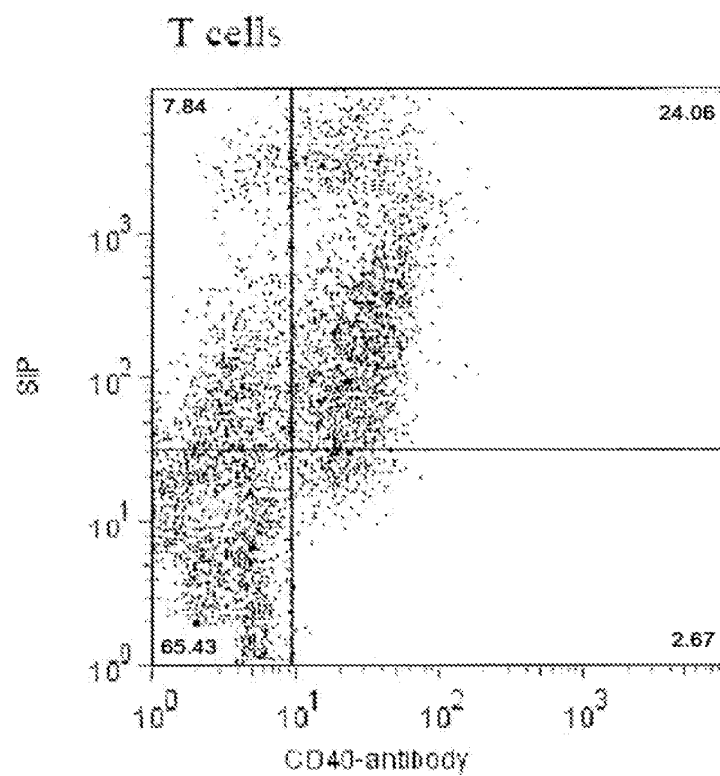
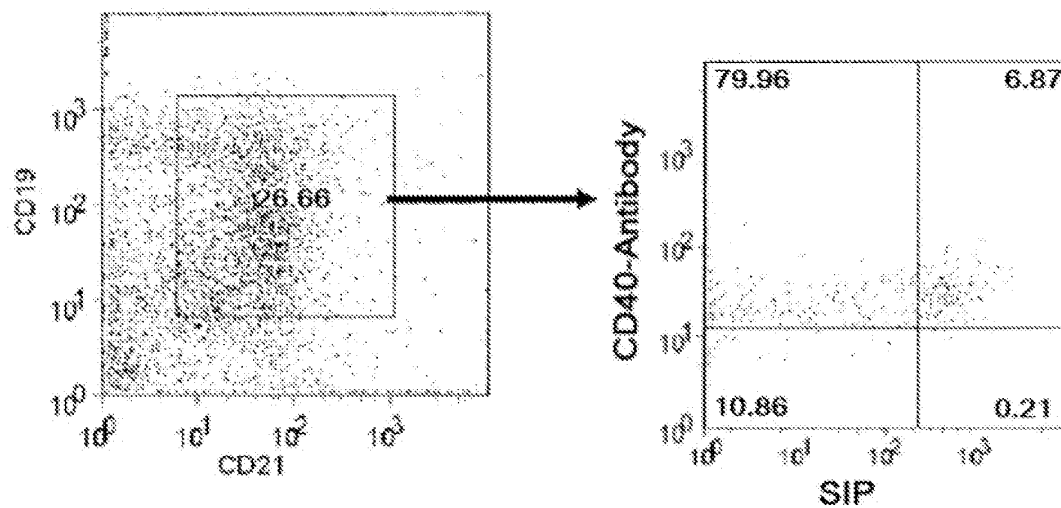


Figure 5



ELISA measuring CD40 in blood samples

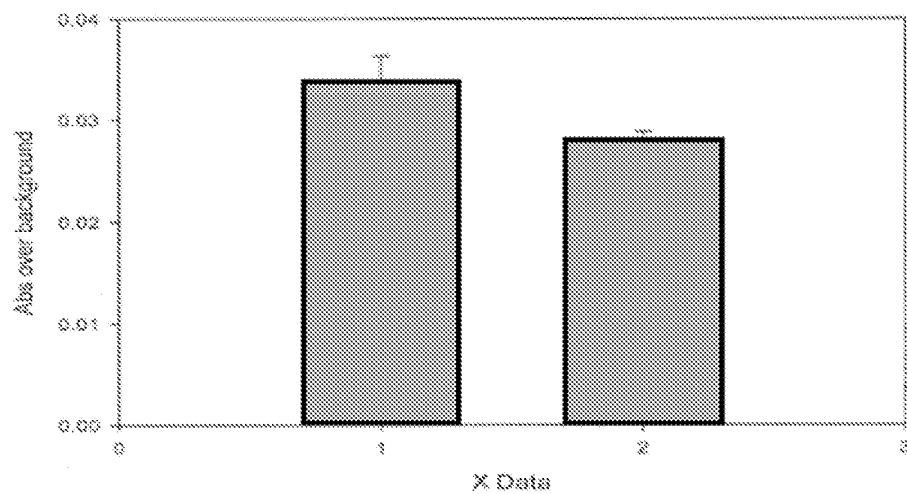


Figure 6

Figure 7

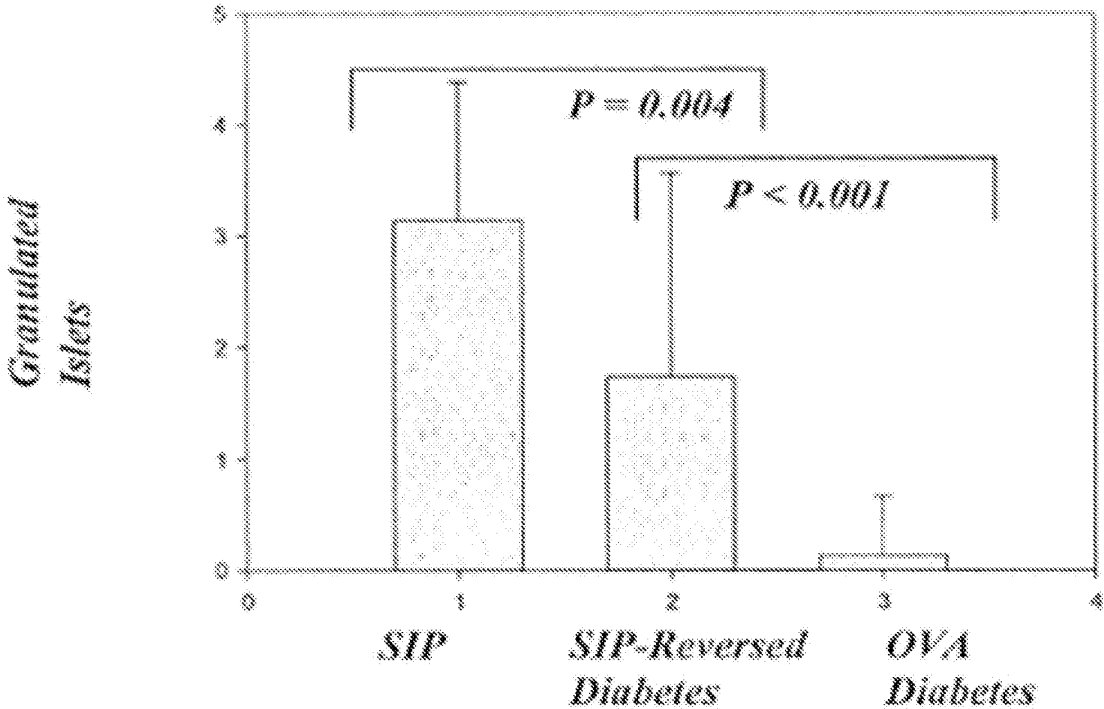
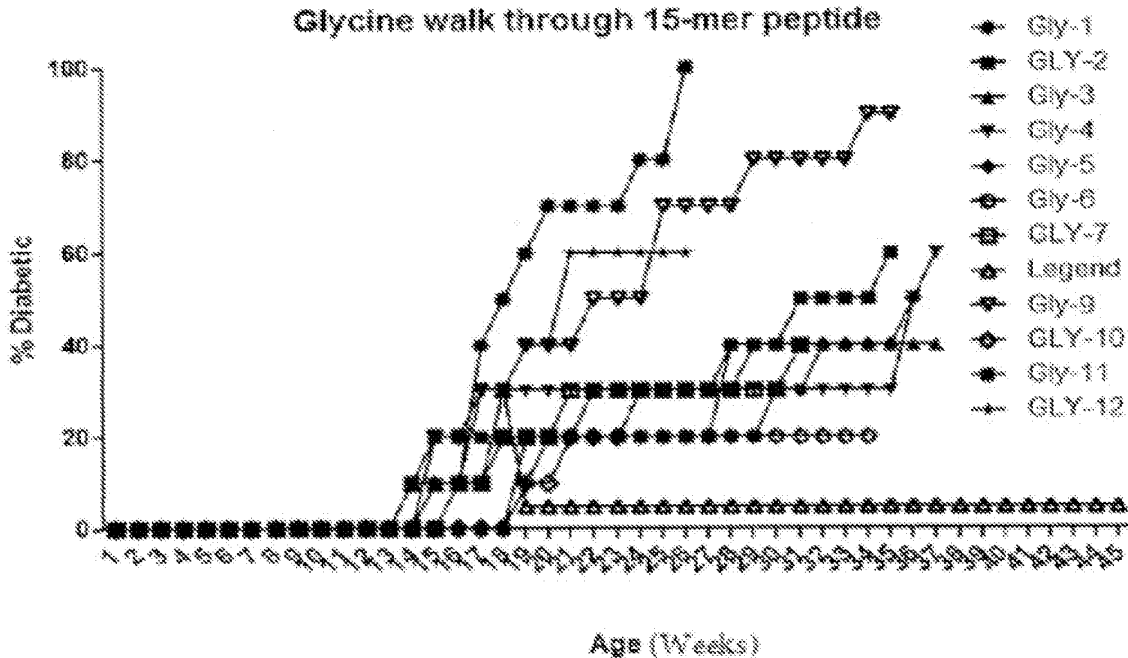


Figure 8



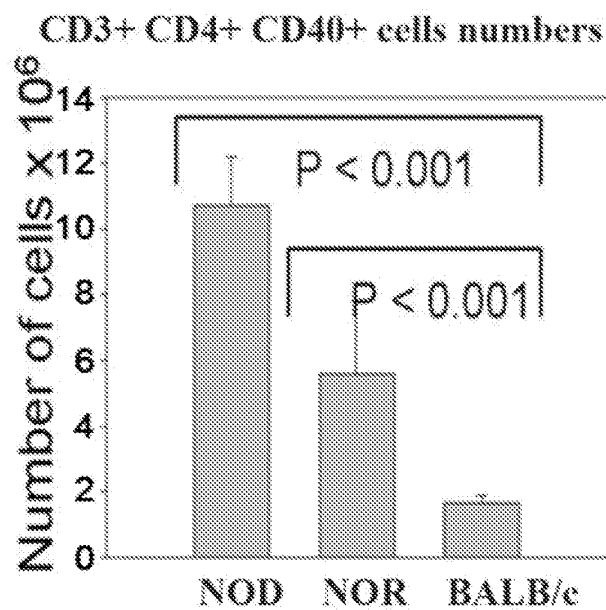


Figure 9

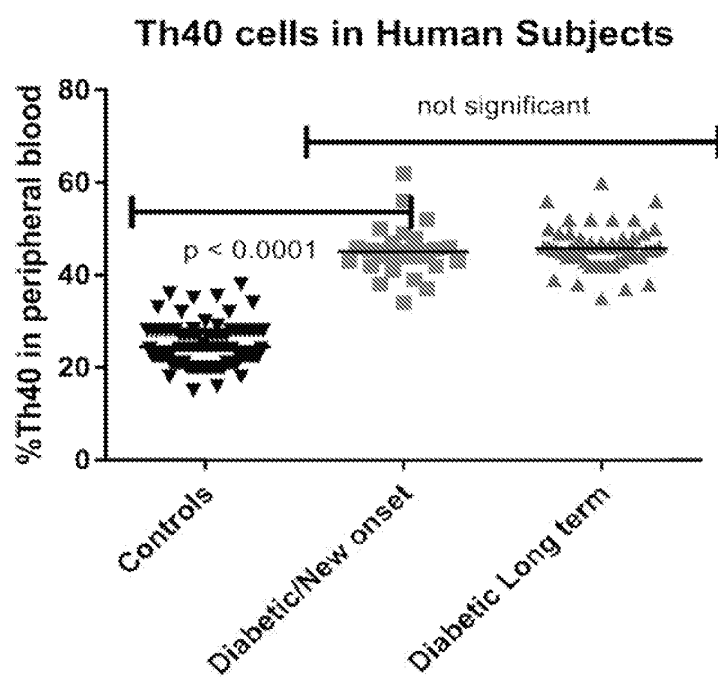


Figure 10

Figure 11

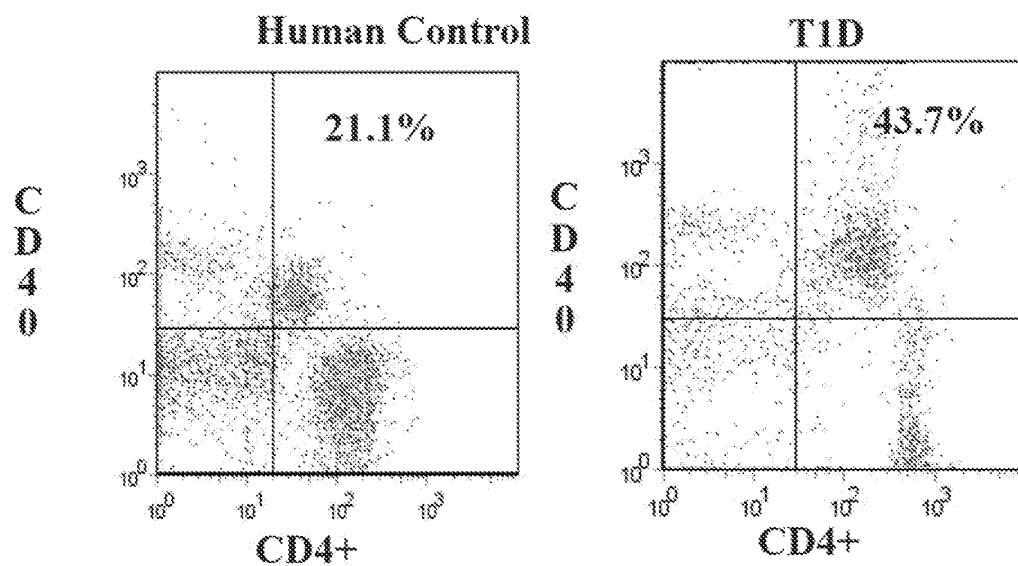


Figure 12

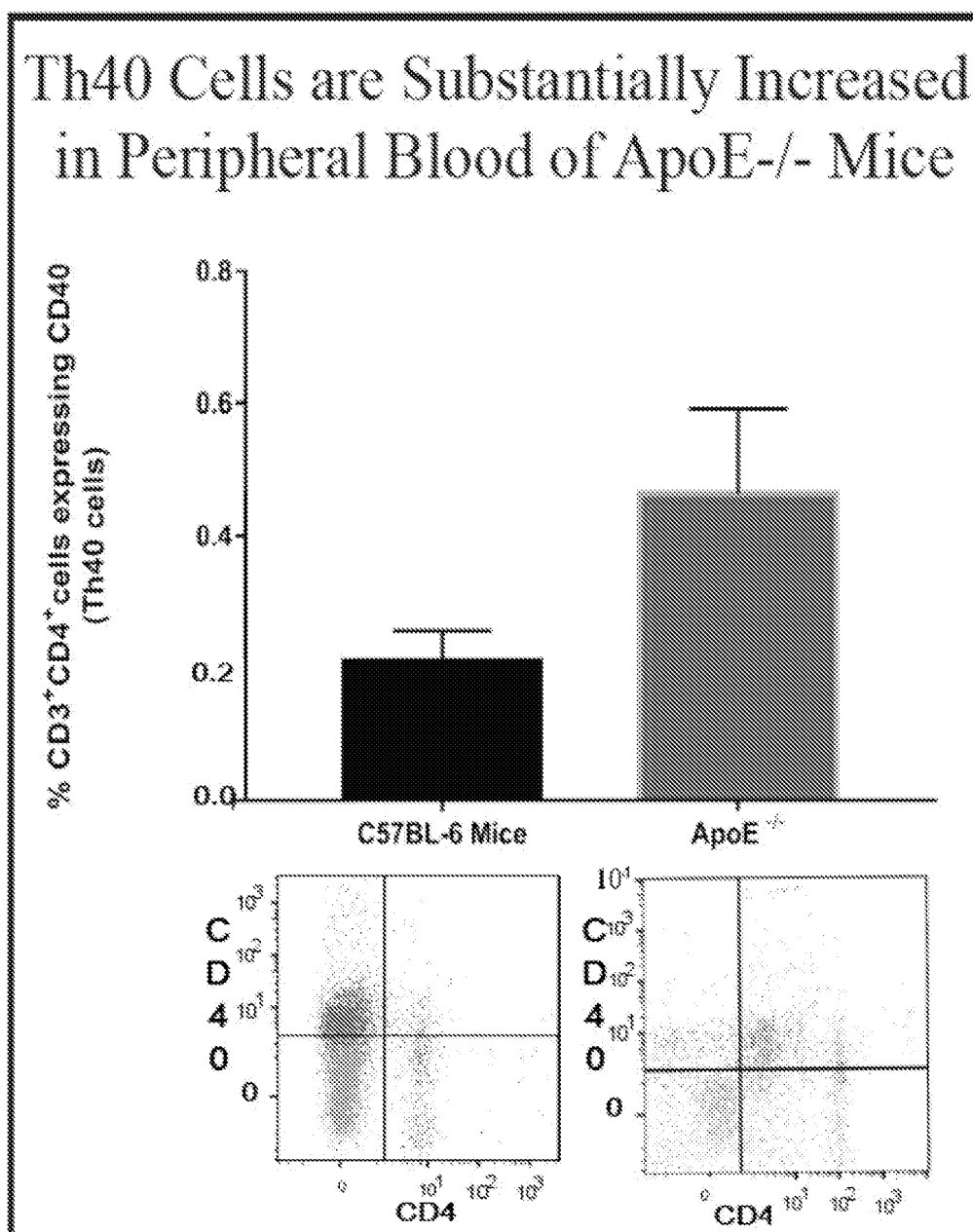


Figure 13

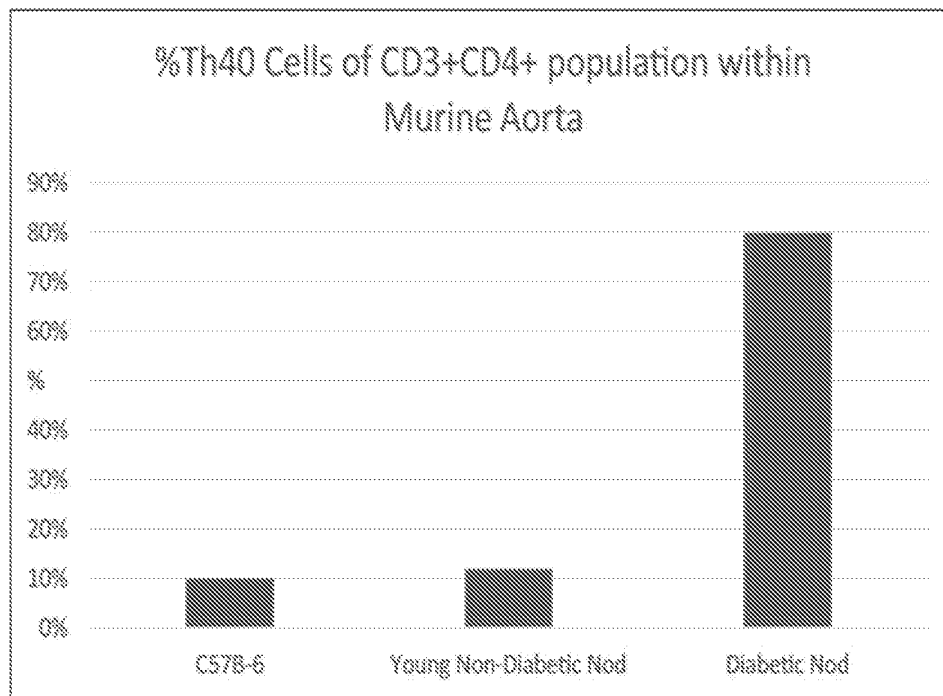


Figure 14

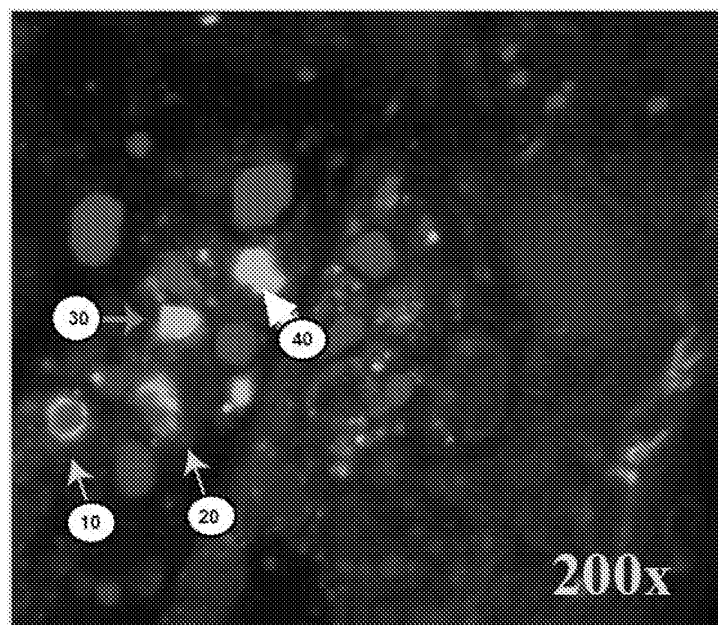
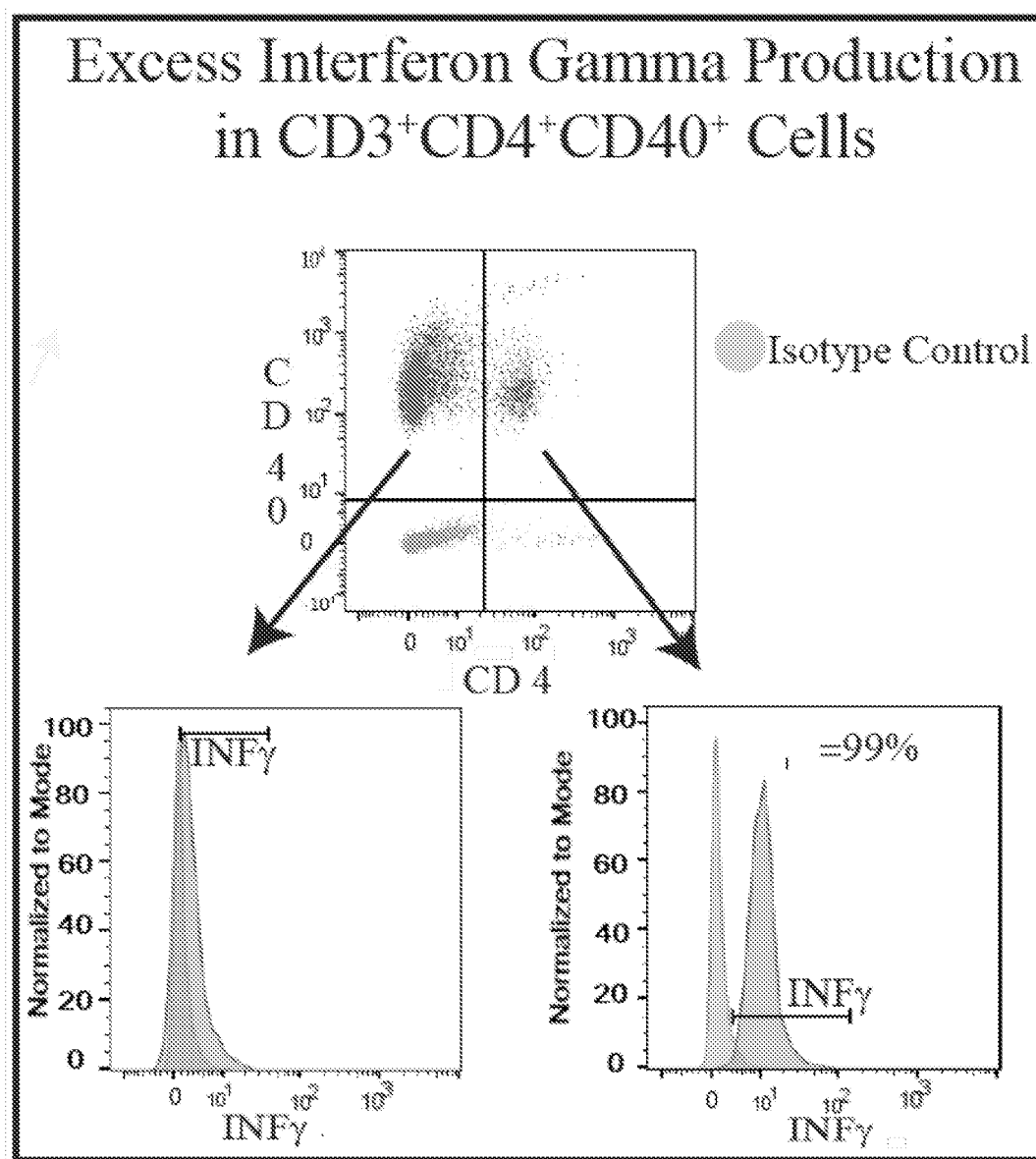


Figure 15



Interferon Gamma Controls Th40 Proliferation

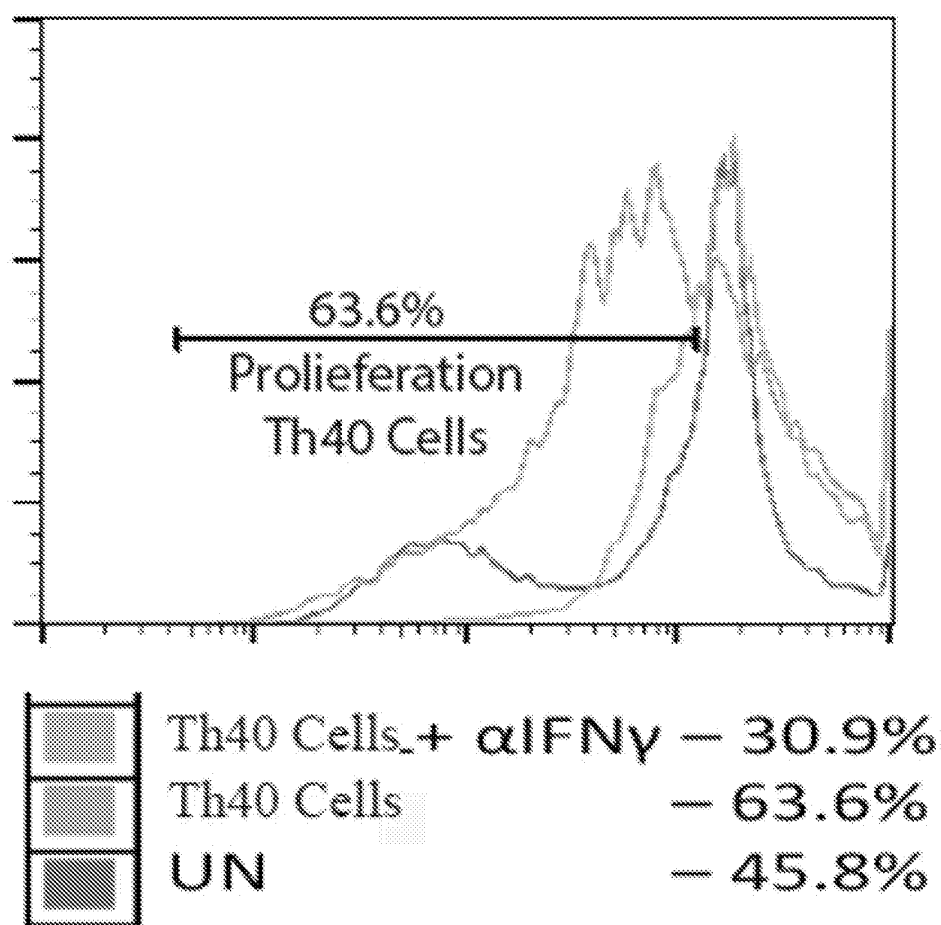


Figure 16

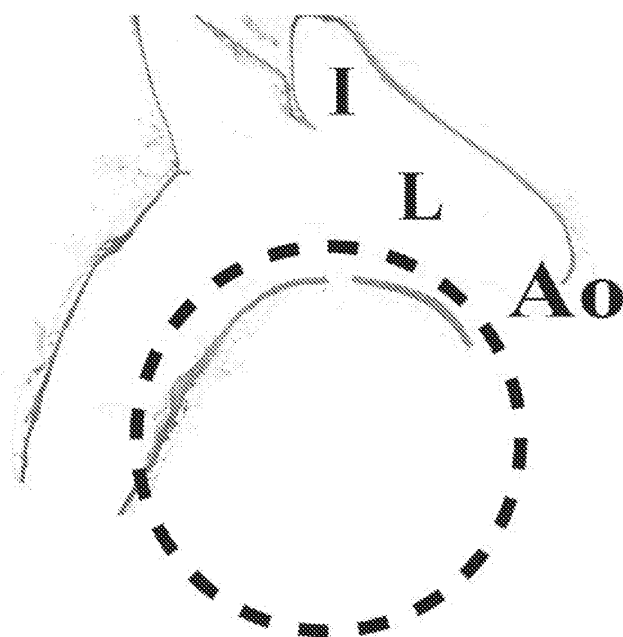


Figure 17

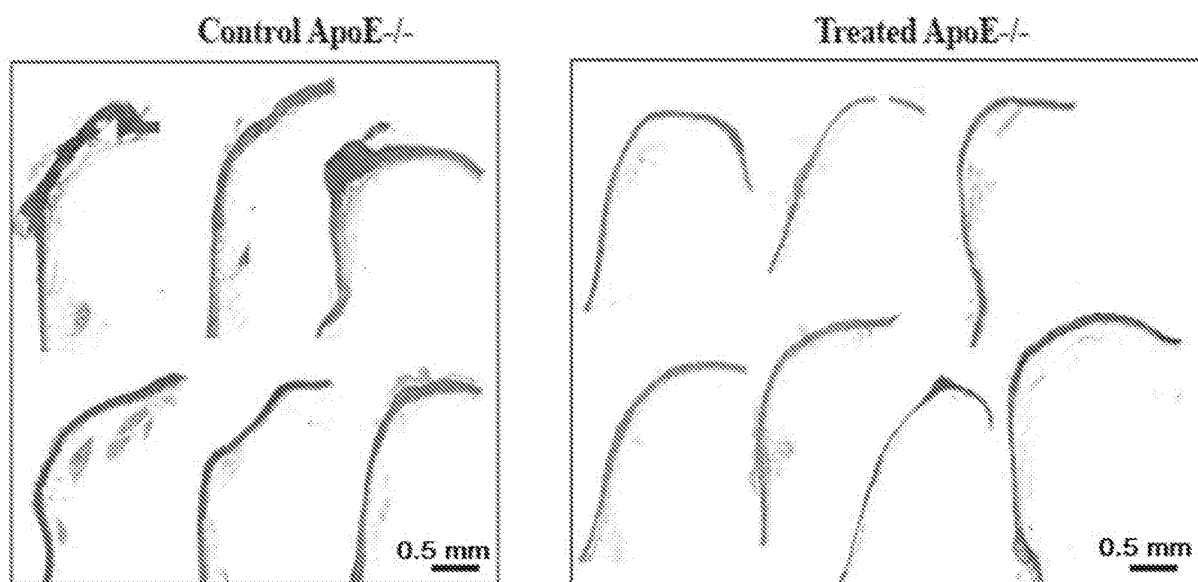


Figure 18

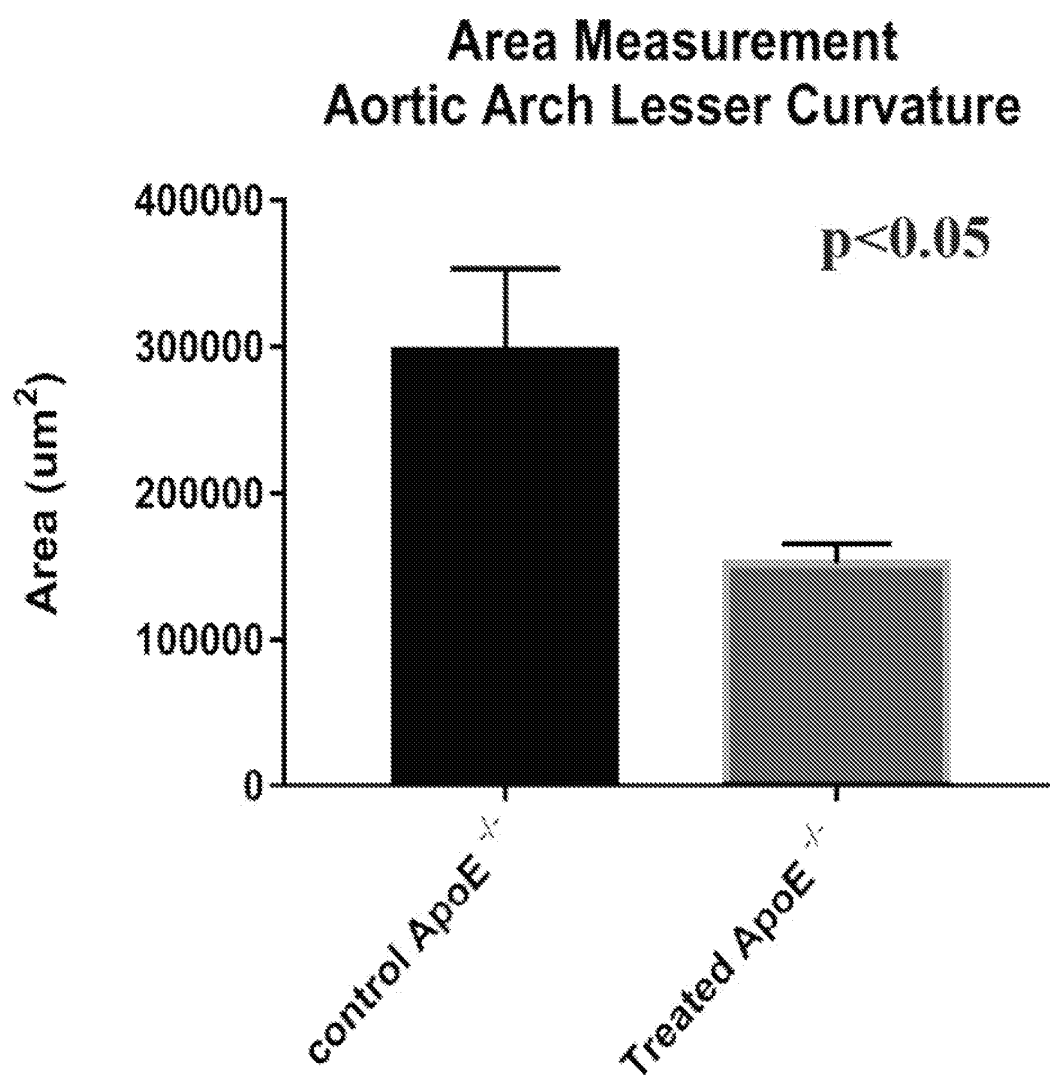


Figure 19

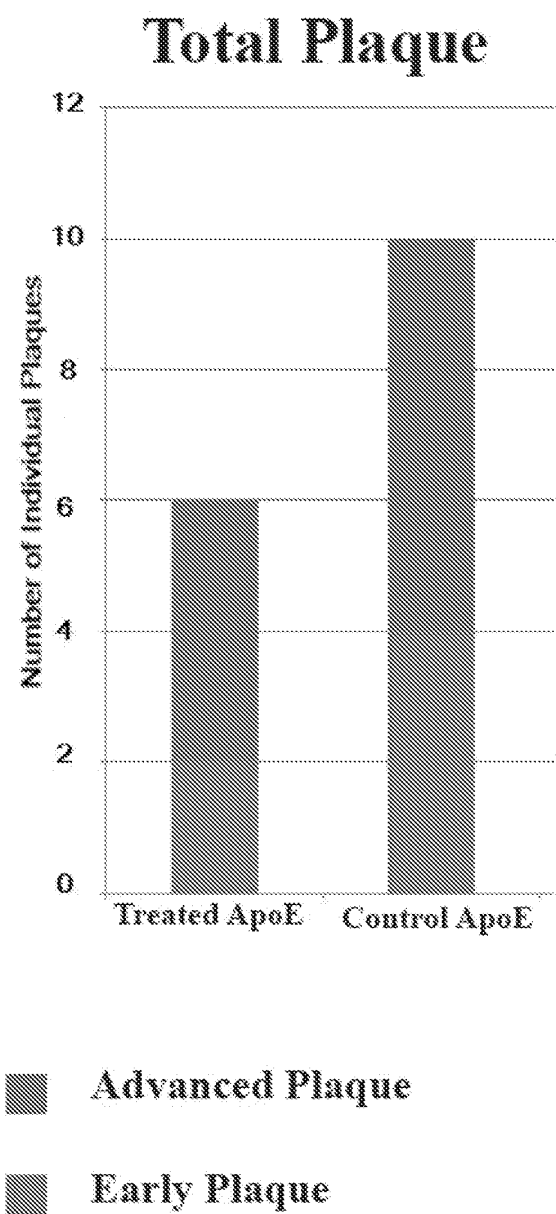


Figure 20

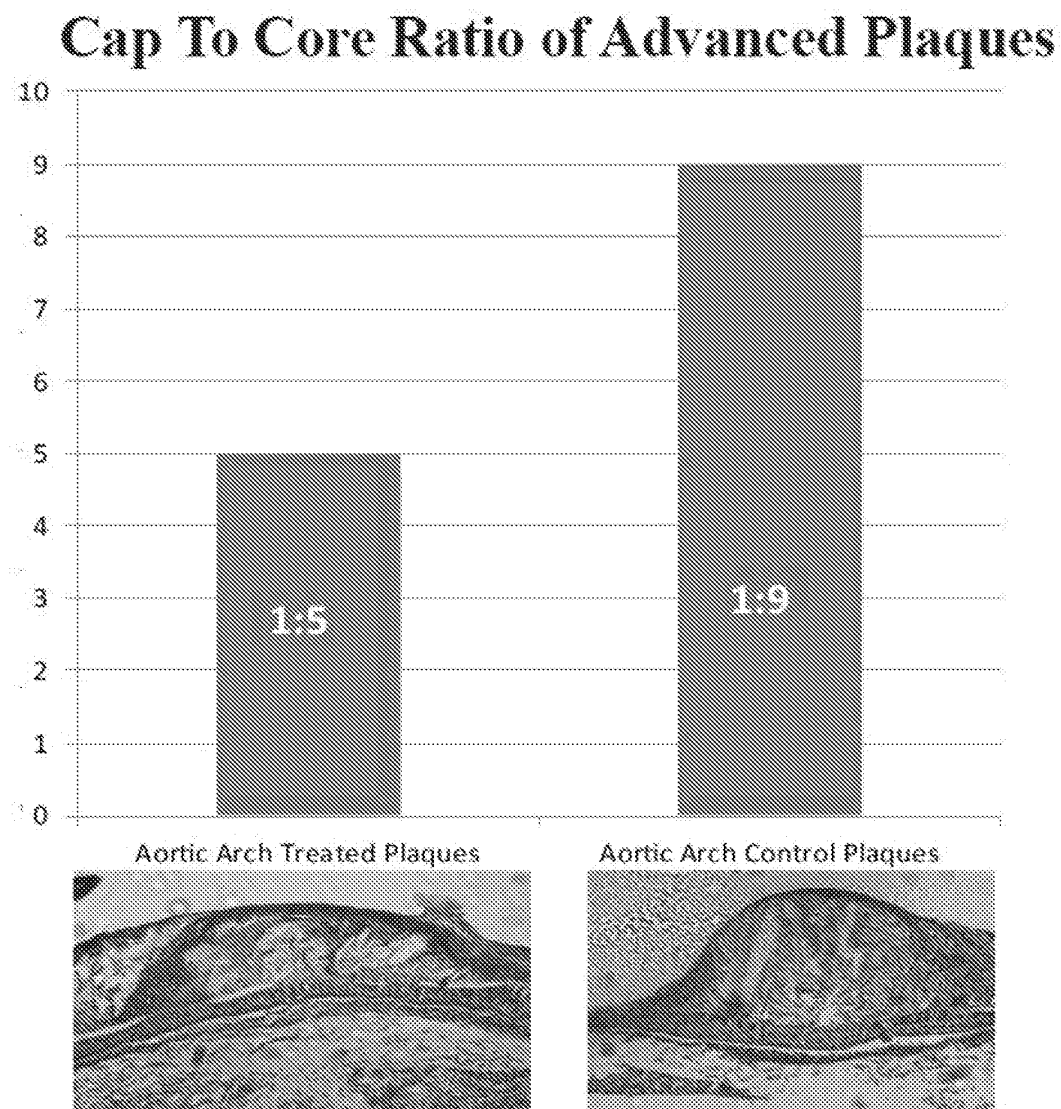


Figure 21

Average Cap Width

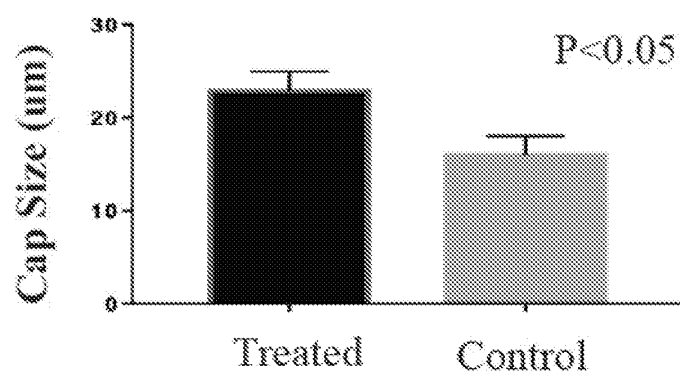


Figure 22

Average Core Width

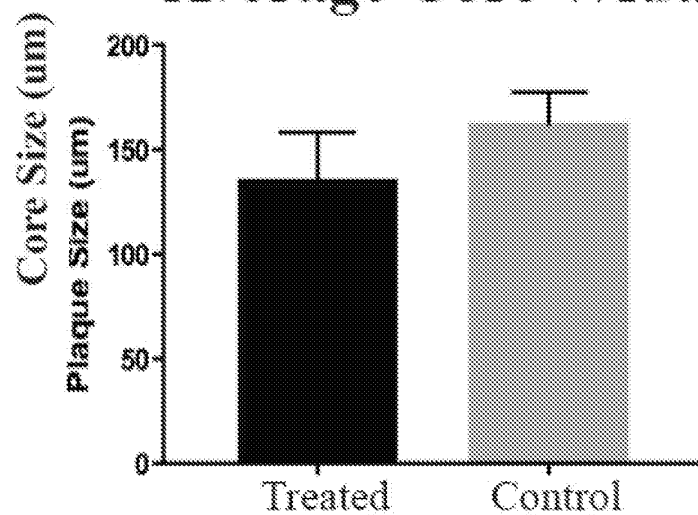


Figure 23

Figure 24

	Observed (Peptide)	Normal
Clot Time:	5.8 mins.	(5 - 10 mins.)
K:	2.0 mins.	(1 - 3 mins.)
Angle:	62.5 deg.	(53 - 72 deg.)
MA:	60.0 mm	(50 - 70 mm)
LY30:	5.5%	(0 - 8 %)
LY60:	13.7%	(0 - 15 %)
TMA:		6 min.
G:	7.5 K d/sc	(4.5 K - 11.0 K)
CI:	-0.9	(-3 - 3)
TPI:	37.5 / sec.	(5 - 90 sec)

Figure 25A

SEQ ID NO: 32	24-mer	AASVLQWAKKGYTMTKSNLVMLEN	4.4 hrs.
SEQ ID NO: 7	15-mer	VLQWAKKGYTMTKSN	>100 hrs.
SEQ ID NO: 25	13-mer	VLQWAKKGYTMTK	100 hrs.
SEQ ID NO: 24	10-mer	WAKKGYTMTK	2.8 hrs.
SEQ ID NO: 5	8-mer	AKKGYTMT	4.4 hrs.
SEQ ID NO: 29	6-mer	AKKGY	4.4 hrs.

Figure 25B

SEQ ID NO	AA Sequence	Description	ExPASy Expected Half-Life
SEQ ID NO:4	KKGYT	6-mer (Form 1)	1.3 hrs.
SEQ ID NO:27	KGYTMT	6-mer (Form 2)	1.3 hrs.
SEQ ID NO:28	AEKGY	6-mer (Form 3)	4.4 hrs.
SEQ ID NO: 29	AKKGY	6-mer (Form 4)	4.4 hrs.
SEQ ID NO: 30	AKGYT	6-mer (Form 5)	4.4 hrs.

Figure 26

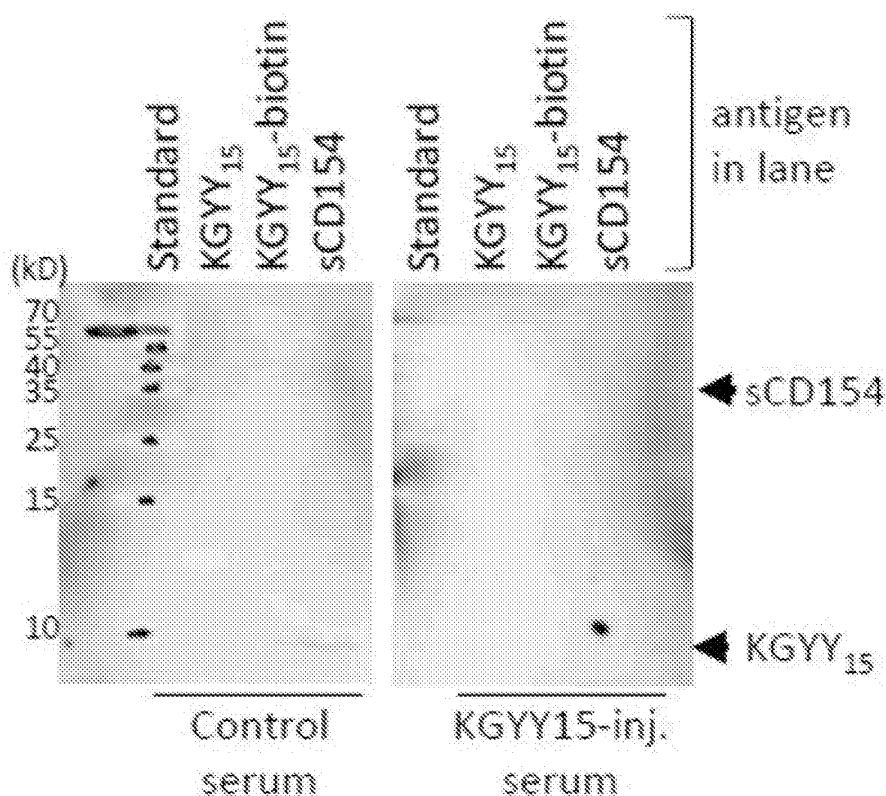
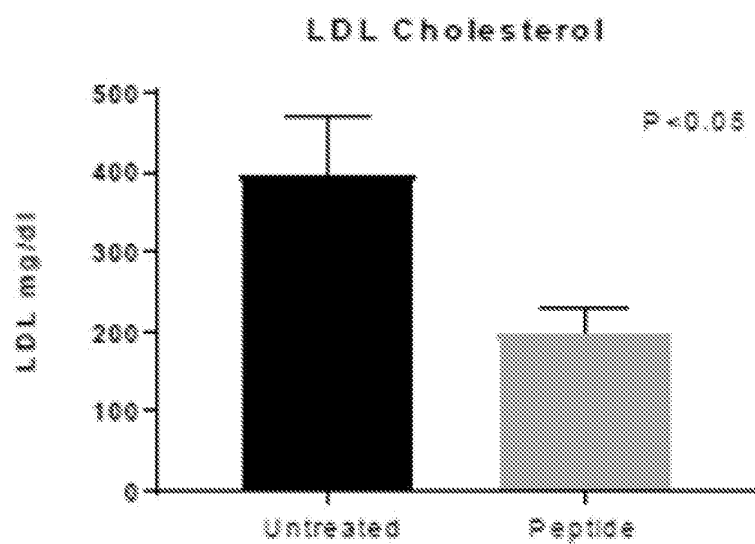


Figure 27



KGY6 treated



Figure 28A

Control



Figure 28B

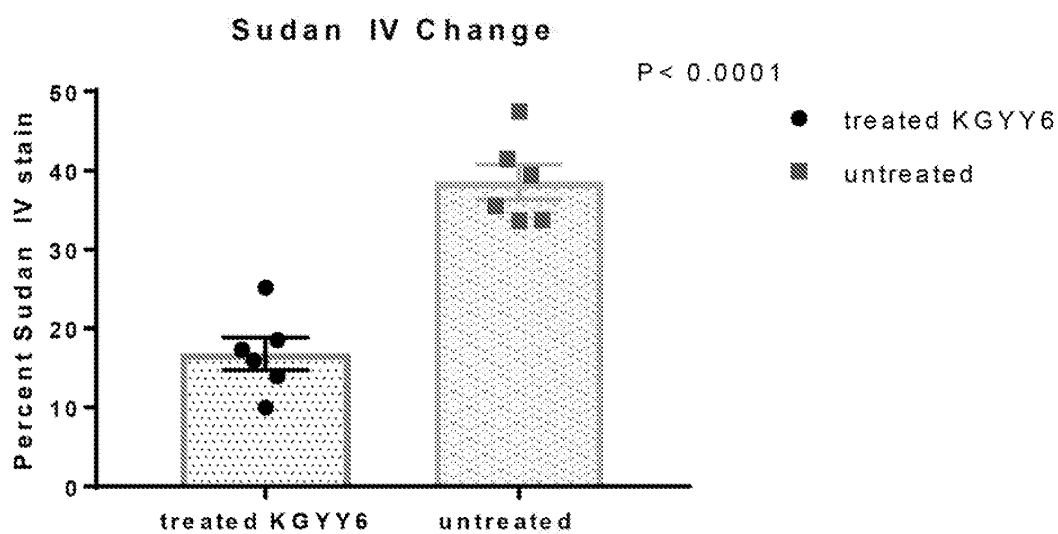


Figure 29

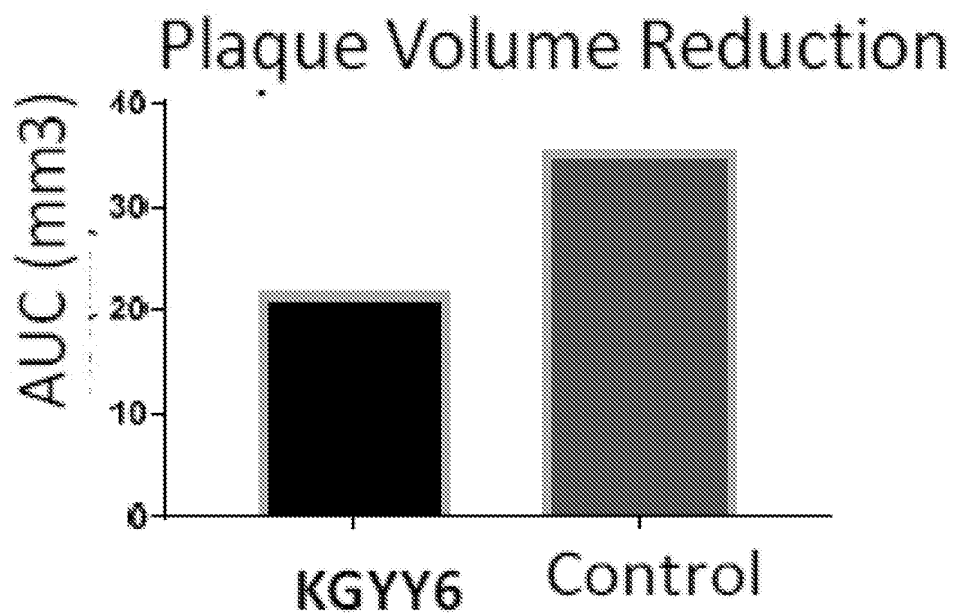


Figure 30

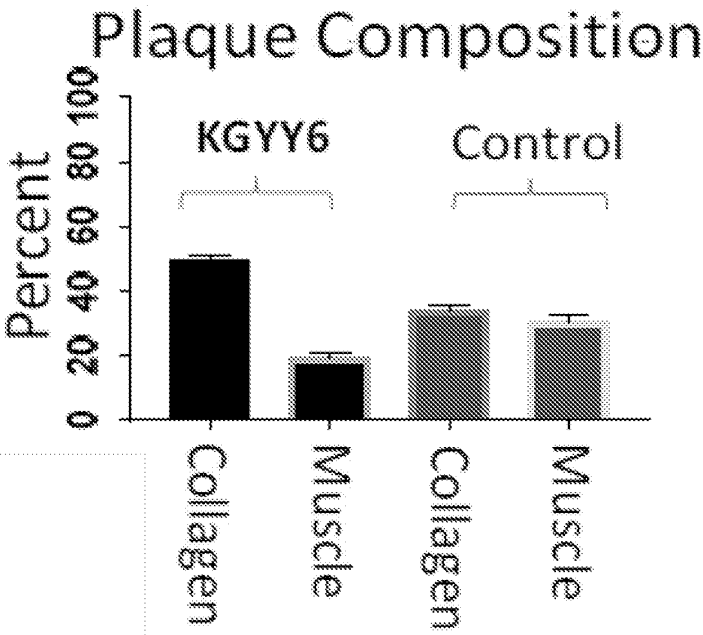


Figure 31

Figure 32A

Figure 32B

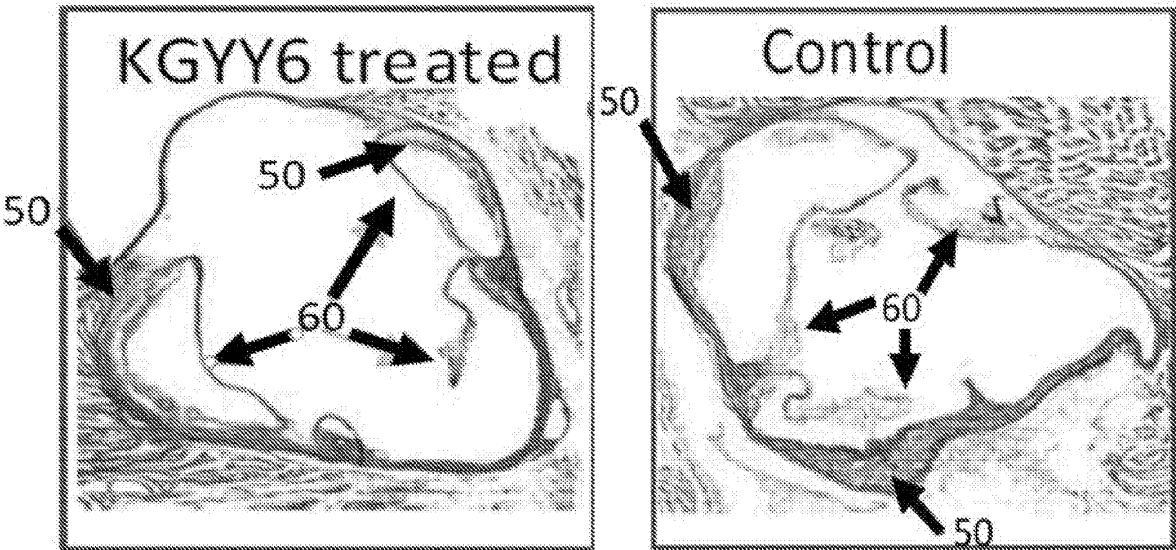


Figure 33 (a)

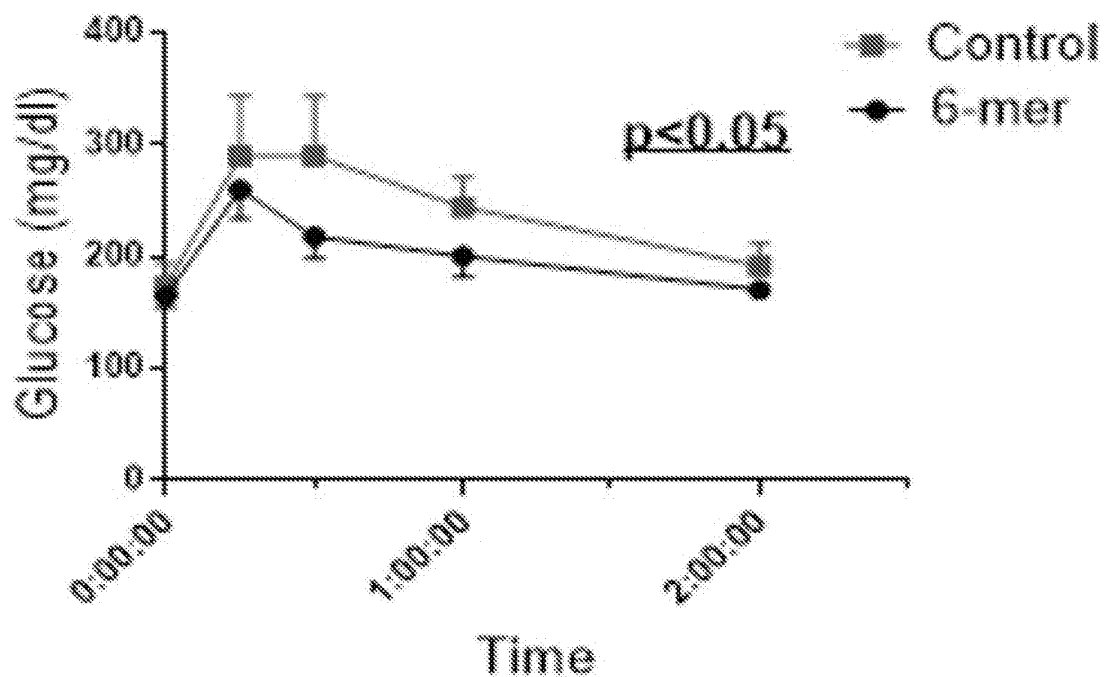
Glucose during GTT

Figure 33(b)

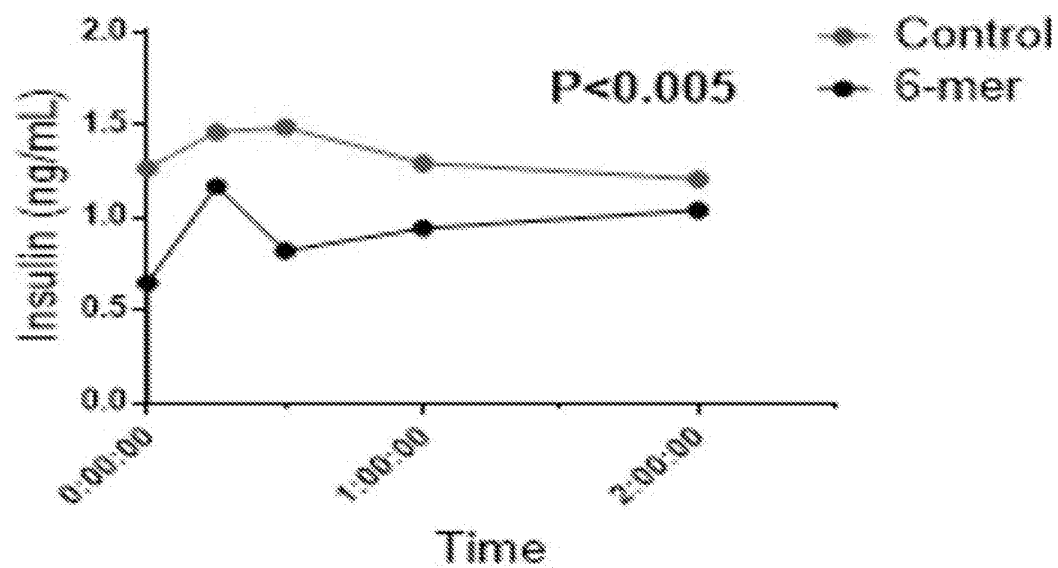
Insulin during GTT

Figure 34
Glut4 Western
6-mer vs Control

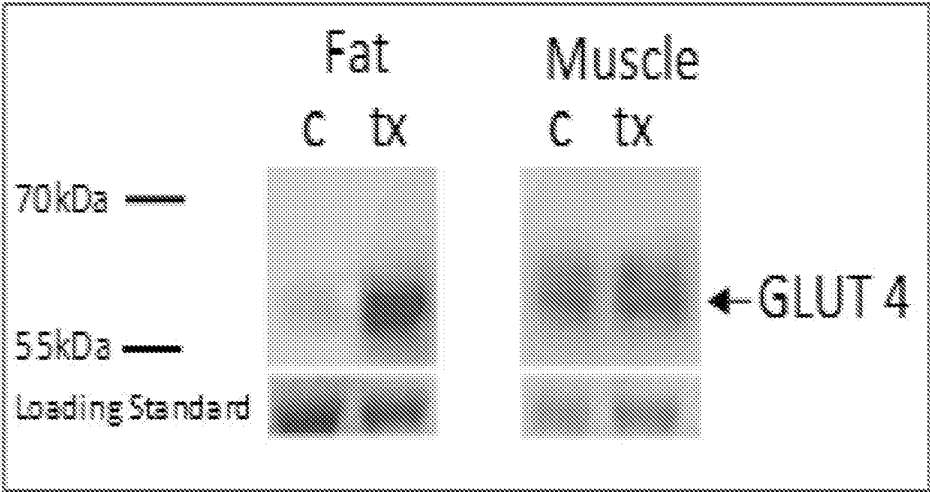


Figure 35

In-Vitro Lymphocyte Cytokine Change
at Varying Concentration of Peptide

