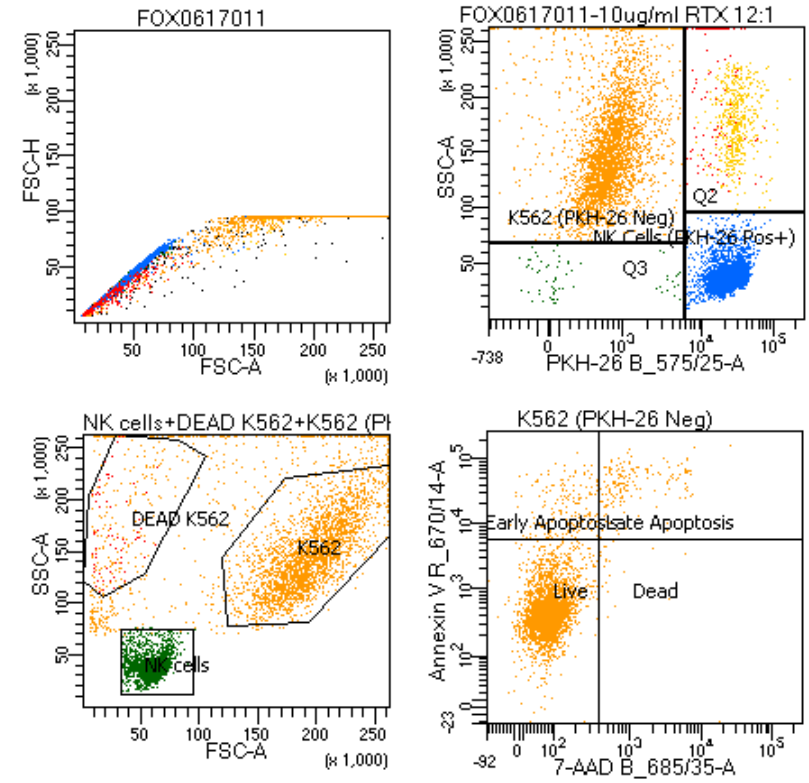
Supplementary Figure 1:

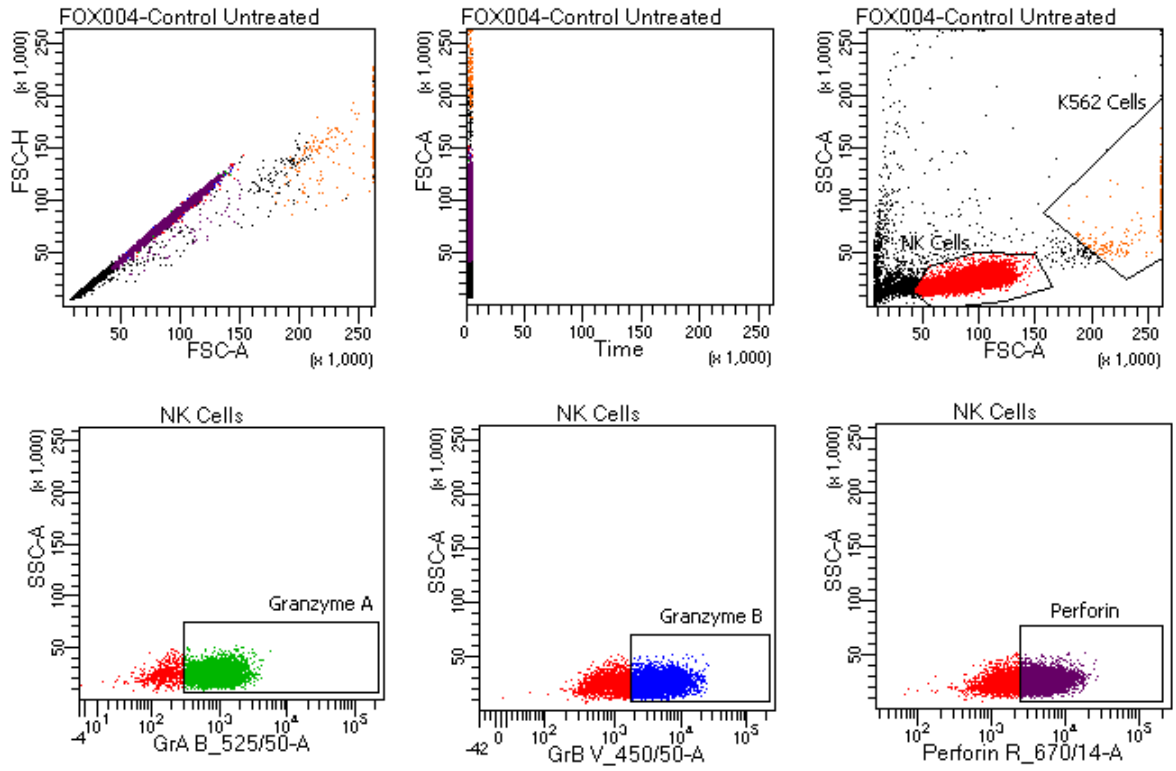


Tube: 10ug/ml RTX 12:1

Population	#Events	%Parent	%Total
All Events	10,000	####	100.0
K562	3,132	31.3	31.3
NK cells	4,473	44.7	44.7
K562 (PKH-26 Neg)	3,335	33.4	33.4
Early Apoptosis	177	5.3	1.8
Late Apoptosis	177	5.3	1.8
Live	2,957	88.7	29.6
Dead	24	0.7	0.2
Q1-1	0	0.0	0.0
Q2-1	0	0.0	0.0
Q3-1	18	75.0	0.2
Q4-1	6	25.0	0.1
Q2	1,187	11.9	11.9
Q3	691	6.9	6.9
NK Cells (PKH-26 Pos+)	4,787	47.9	47.9
DEAD K562	283	2.8	2.8

Supplementary Figure 1: Representative flow cytometric plot of NK cell cytotoxic activity. PKH-26 was used to gate NK cells. PKH-26 negative cells were identified as K562 cells and used to determine apoptosis. Annexin V was used to determine events undergoing apoptosis and 7-AAD was used to determine cells undergoing late apoptosis and cells that were dead.

Supplementary Figure 2:

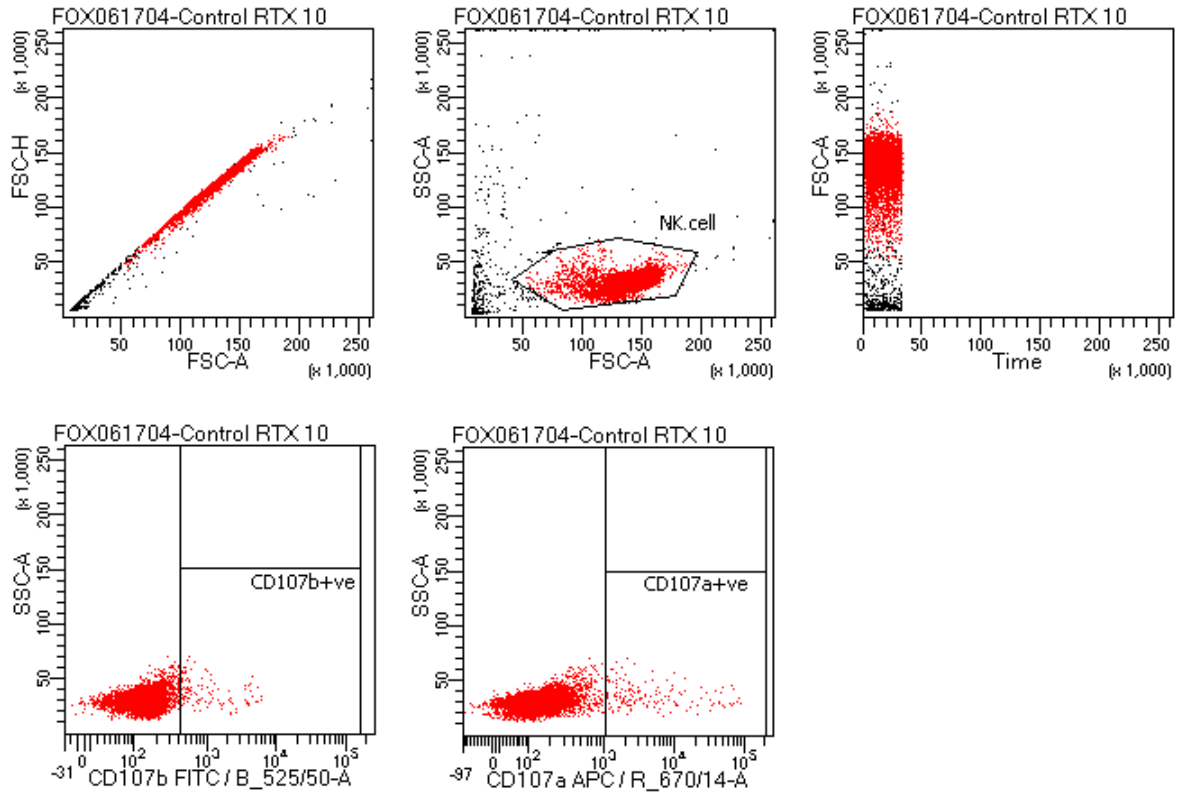


Experiment Name:	NK Lytic Proteins_001
Specimen Name:	FOX004
Tube Name:	Control Untreated
Record Date:	Jun 8, 2017 7:36:00 PM
$OP:	Natalie

Population	#Events	%Parent	%Total	GrA B_525/5... Median	Perforin R_67... Median	GrB V_450/5... Median
NK Cells	7,951	79.5	79.5	858	3,671	3,280
K562 Cells	188	1.9	1.9	2,547	11,300	9,992
Granzyme A	7,353	92.5	73.5	903	3,905	3,542
Granzyme B	5,927	74.5	59.3	958	4,360	4,249
Perforin	5,820	73.2	58.2	936	4,553	4,060

Supplementary Figure 2: Representative flow cytometric plot of intracellular staining analysis of lytic proteins. NK cells were isolated and were used if isolation purity was ≥95%. NK cells were selectively gated on using flow cytometry and isotype controls were used to determine the positive population for Granzyme A and Granzyme B expression.

Supplementary Figure 3:



Experiment Name:	NK Cell Degranulation_001
Specimen Name:	FOX061704
Tube Name:	Control RTX 10
Record Date:	Jun 8, 2017 6:10:51 PM
$OP:	Natalie

Population	#Events	%Parent	%Total	CD107b FITC / B... Median	CD107a APC / R... Median
All Events	10,130	####	100.0	131	169
NK cell	9,648	95.2	95.2	131	167
CD107b+ve	112	1.2	1.1	733	5,064
CD107a+ve	148	1.5	1.5	511	2,925

Tube: Control RTX 10

Population	#Events	%Parent	%Total
All Events	10,130	####	100.0
NK cell	9,648	95.2	95.2
CD107b+ve	112	1.2	1.1
CD107a+ve	148	1.5	1.5

Supplementary Figure 3: **Representative flow cytometric plots for degranulation markers.** NK cells were isolated and were used if isolation purity was ≥95%. NK cells were gated and selected using flow cytometry to determine CD107a and CD107b expression. Isotype controls were used to determine the positive population.