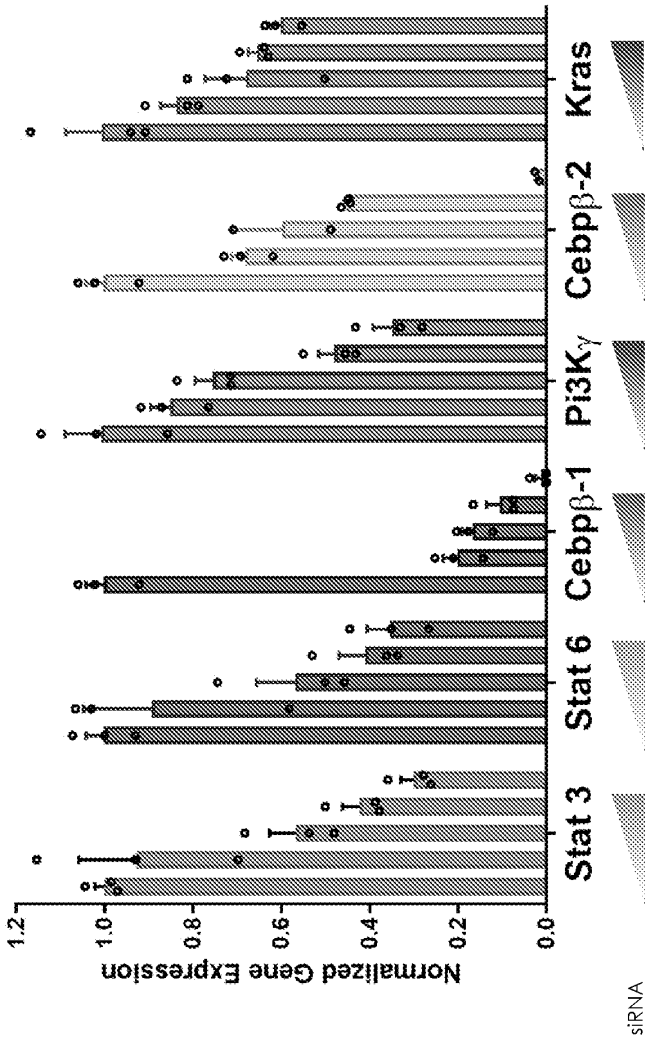

Normalized Gene Expression
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Stat 3
Stat 6
Cebpβ-1
Pi3Kγ
Cebpβ-2
Kras
siRNA conc.

FIGURE 1

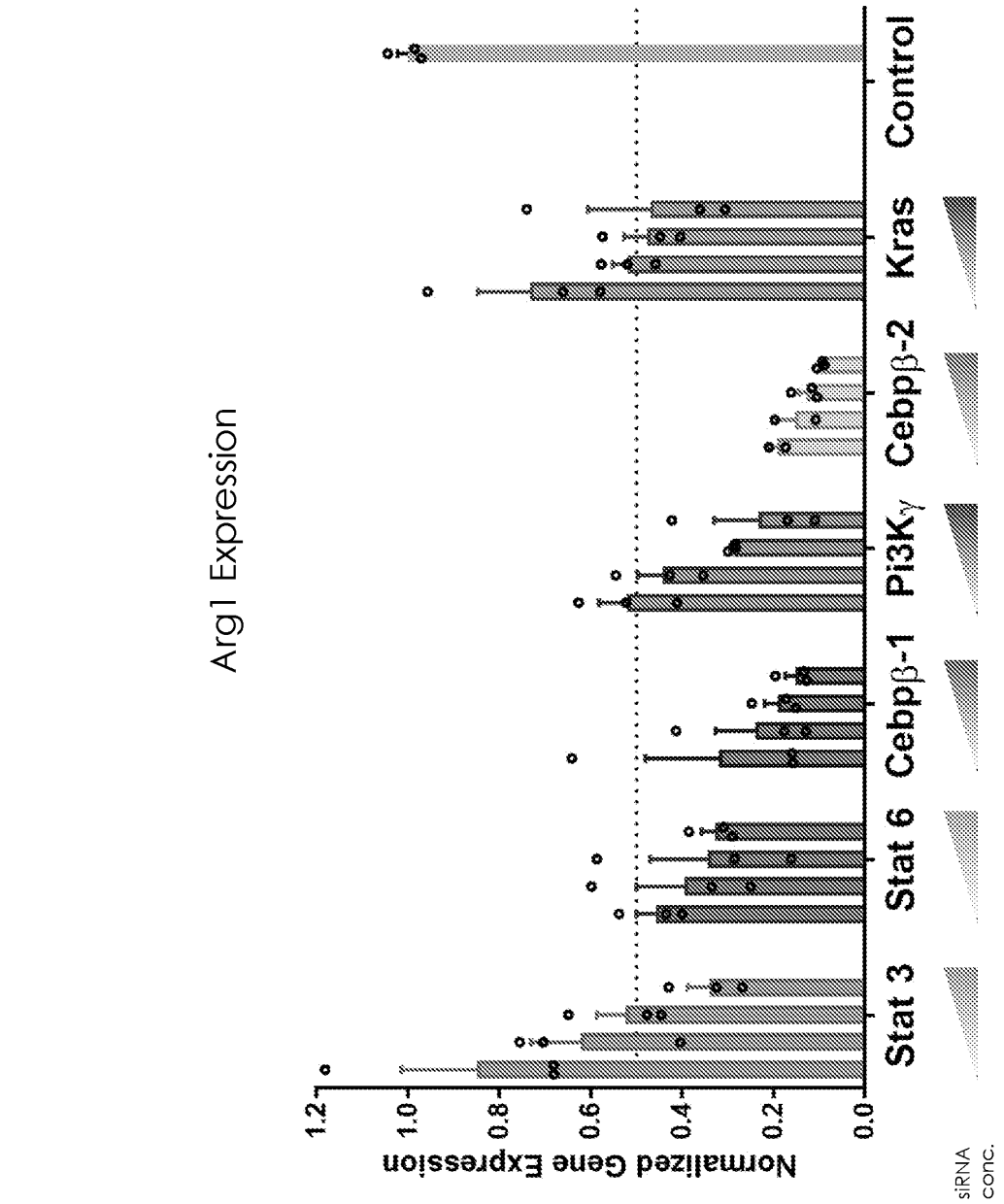

Arg1 Expression
Normalized Gene Expression
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Stat 3
Stat 6
Cebpβ-1
Pi3Kγ
Cebpβ-2
Kras
Control
siRNA conc.

FIGURE 2

FIGURE 3

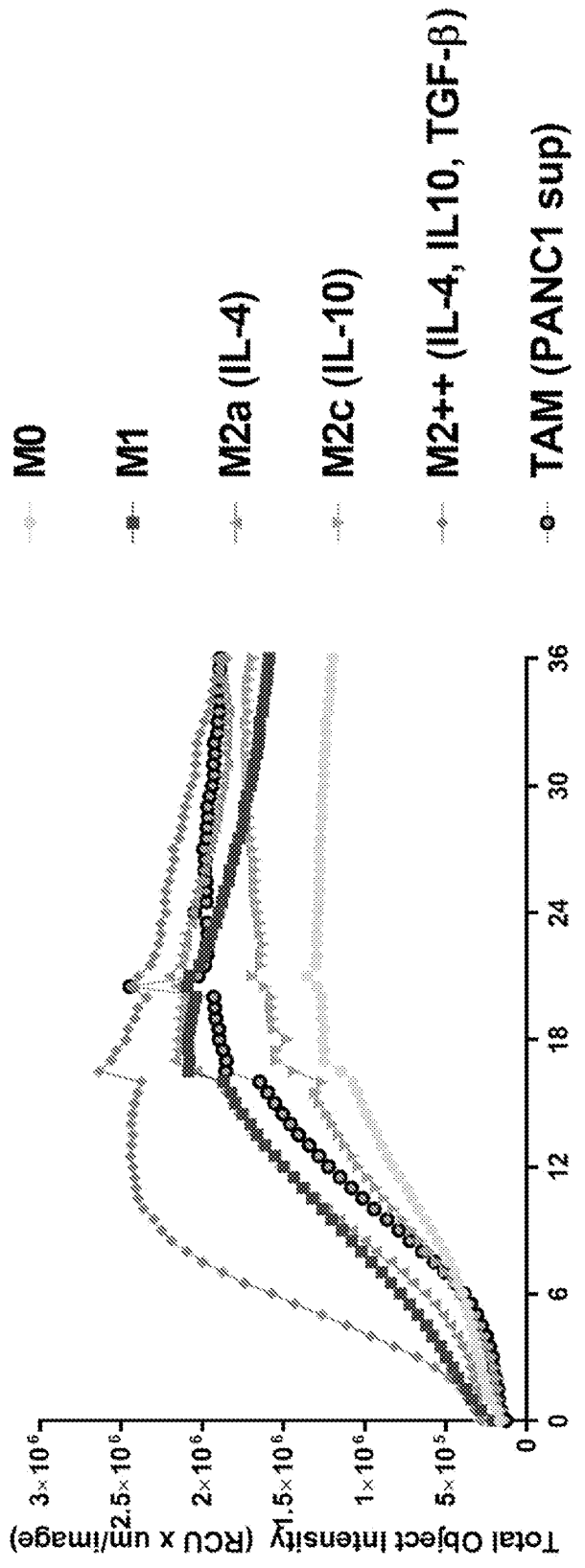

Uptake of GFP-labeled exosomes
M0
M1
M2a (IL-4)
M2c (IL-10)
M2++ (IL-4, IL10, TGF-β)
TAM (PANC1 sup)
Total Object Intensity (RCU x um/image)
3×10^6
2.5×10^6
2×10^6
1.5×10^6
1×10^6
5×10^5
0
0
6
12
18
24
30
36
Hours post treatment

FIGURE 4

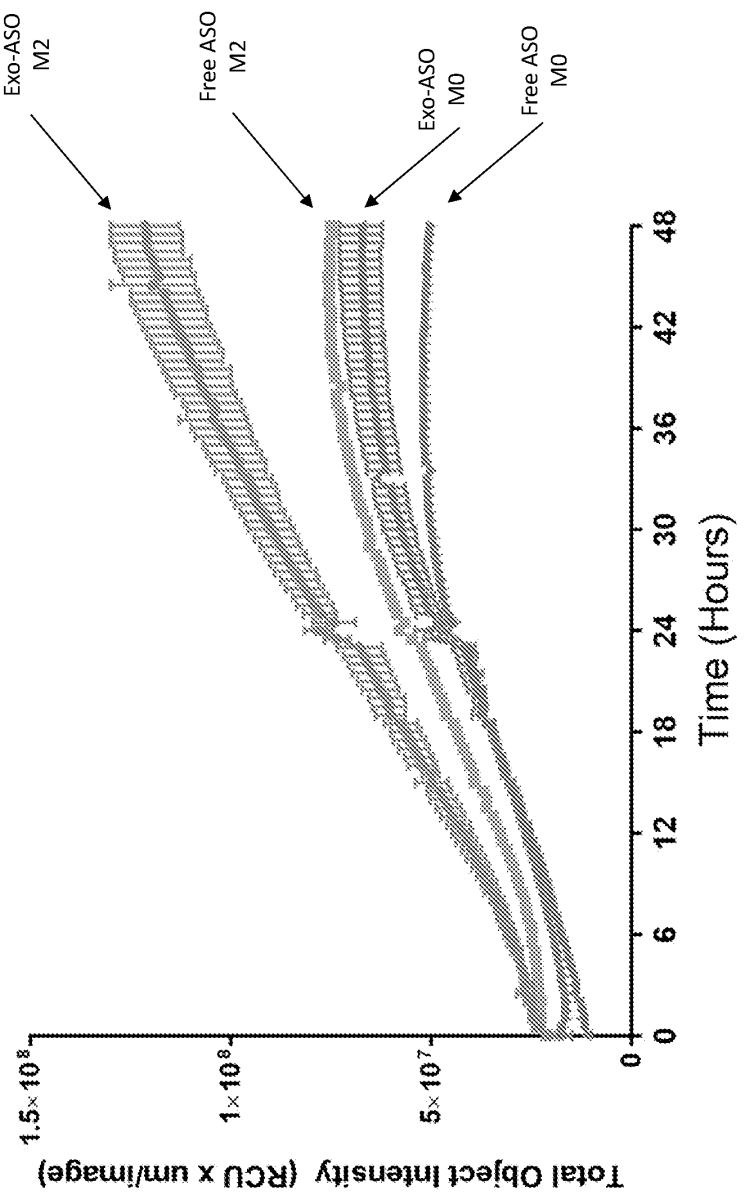

Exo-ASO M2
Free ASO M2
Exo-ASO M0
Free ASO M0
Total Object Intensity (RCU x um/image)
1.5×10^8
1×10^8
5×10^7
0
0
6
12
18
24
30
36
42
48
Time (Hours)

FIGURE 5B

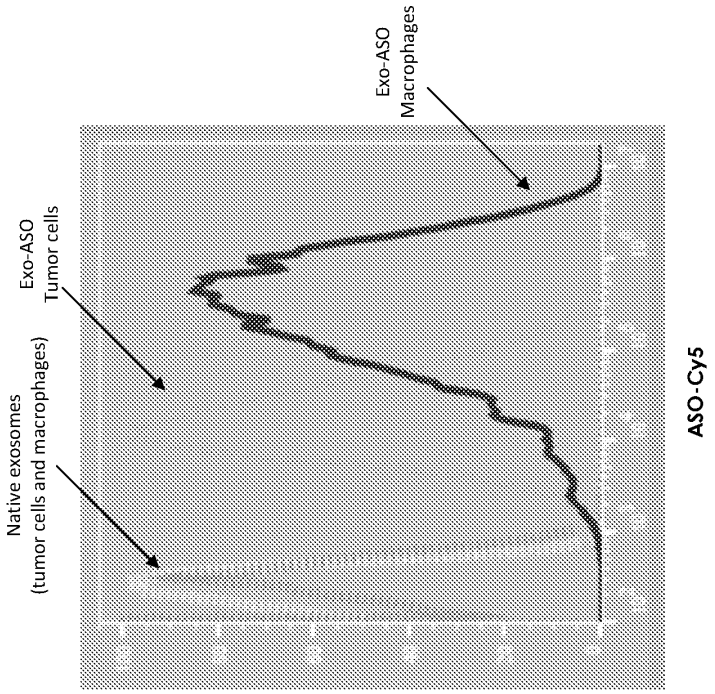
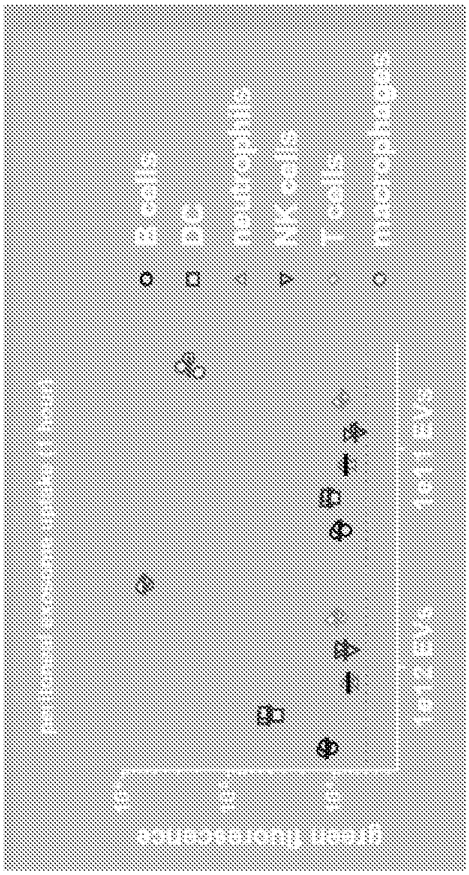


FIGURE 5A



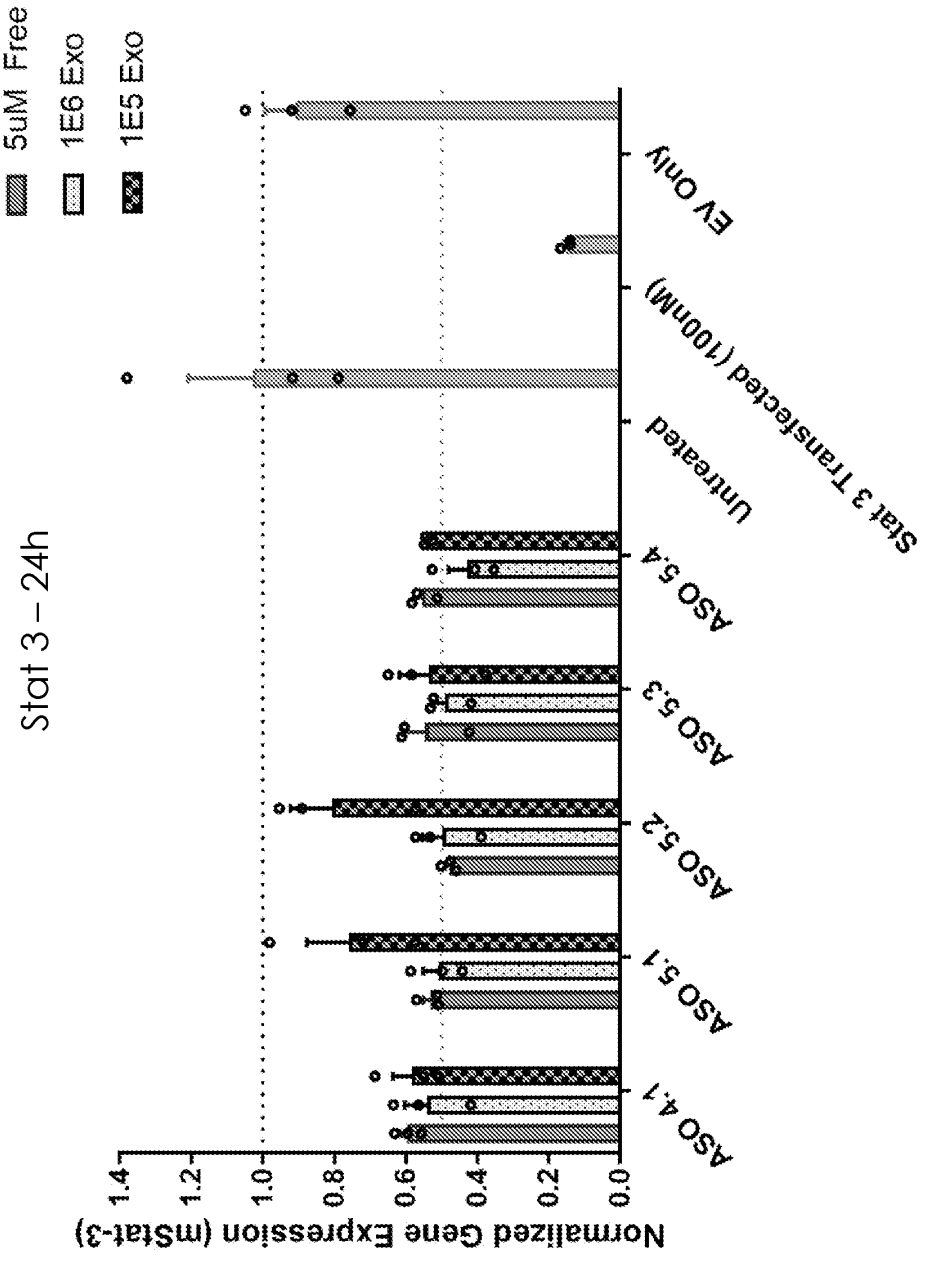

5uM Free
1E6 Exo
1E5 Exo
Stat 3 – 24h
Normalized Gene Expression (mStat-3)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
EV Only
Stat 3 Transfected (100nM)
Untreated
ASO 5.4
ASO 5.3
ASO 5.2
ASO 5.1
ASO 4.1

FIGURE 6

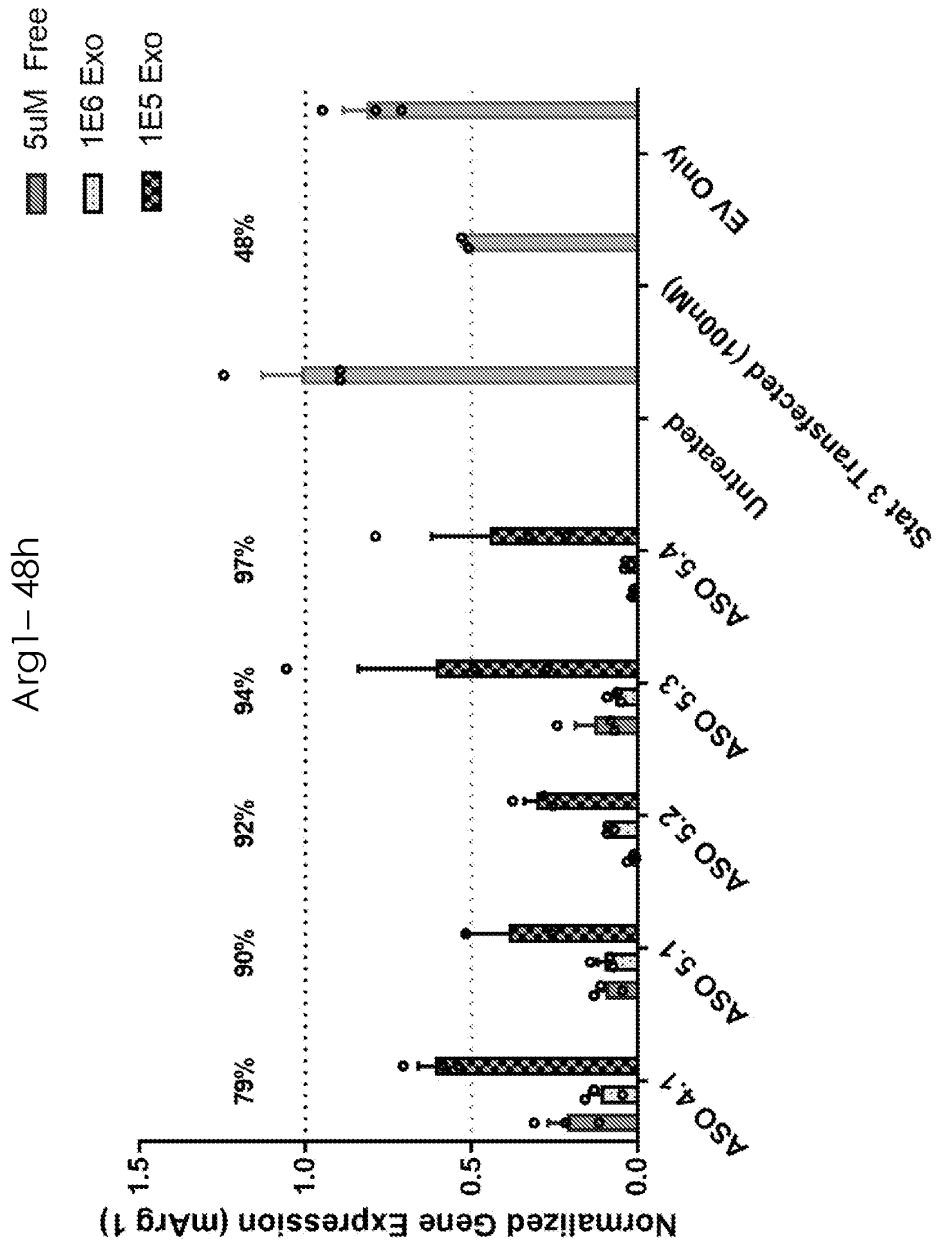

Arg1– 48h
5uM Free
1E6 Exo
1E5 Exo
Normalized Gene Expression (mArg 1)
1.5
1.0
0.5
0.0
79%
90%
92%
94%
97%
48%
ASO 4.1
ASO 5.1
ASO 5.2
ASO 5.3
ASO 5.4
Untreated
Stat 3 Transfected (100nM)
EV Only

FIGURE 7

FIGURE 8A

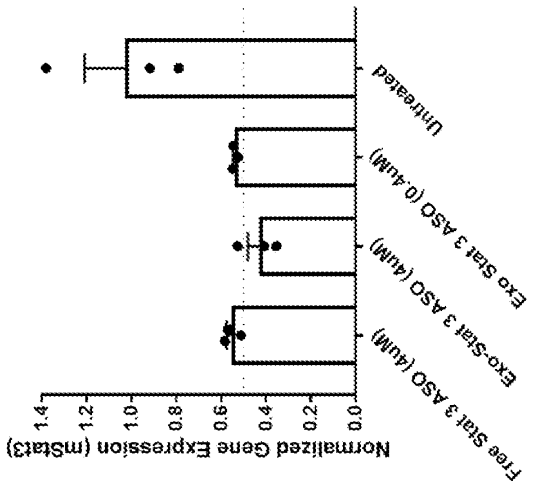


FIGURE 8B

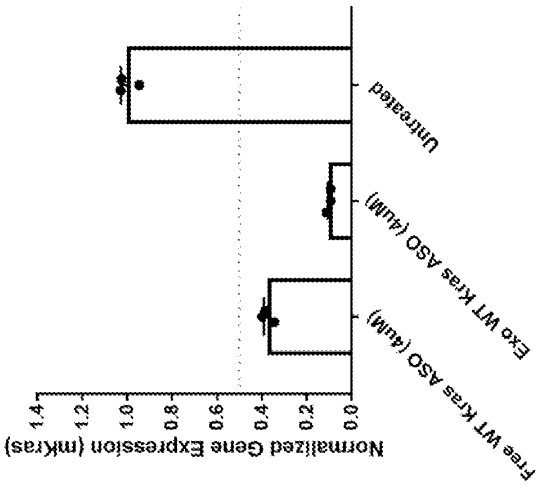


FIGURE 8C

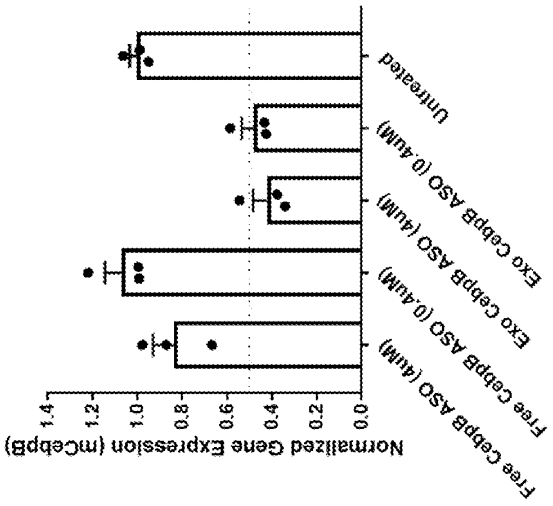
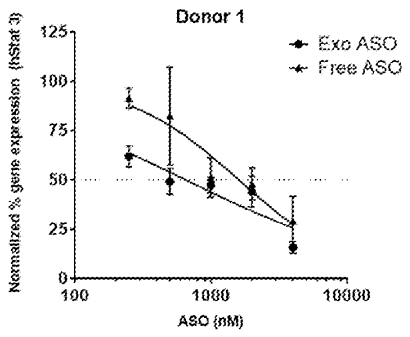


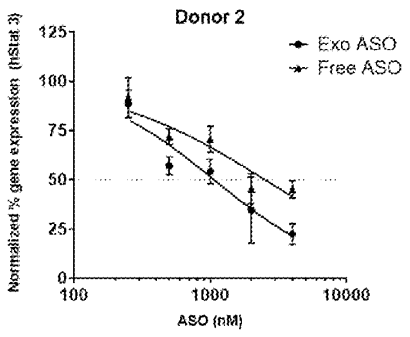
FIGURE 9A

Stat 3 (24h)



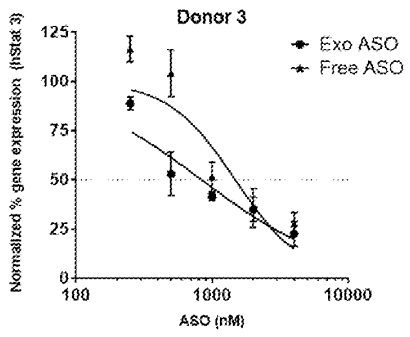
IC50	5.4 Exo ASO	5.4 Free ASO
	653.2nM	1600nM

Fold-improvement: 2.45



IC50	5.4 Exo ASO	5.4 Free ASO
	1067nM	2523nM

Fold-improvement: 2.36

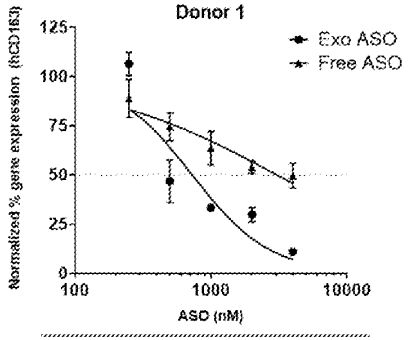


IC50	5.4 Exo ASO	5.4 Free ASO
	836nM	1479nM

Fold-improvement: 1.77

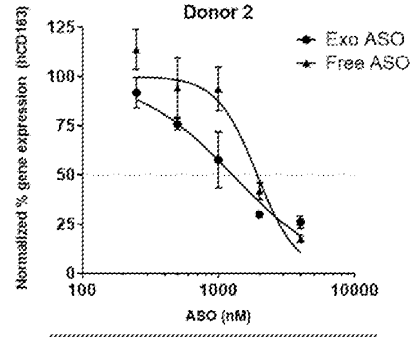
FIGURE 9B

CD163 (48h)



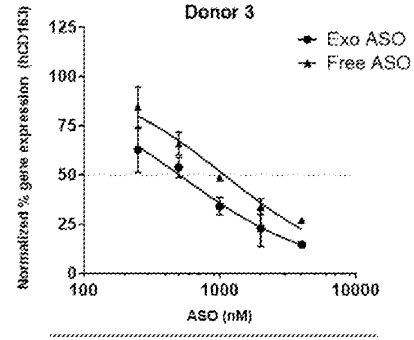
IC50	5.4 Exo ASO	5.4 Free ASO
	728.5nM	3050nM

Fold-improvement: 4.18



IC50	5.4 Exo ASO	5.4 Free ASO
	1265nM	1927nM

Fold-improvement: 1.52



IC50	5.4 Exo ASO	5.4 Free ASO
	503nM	1077nM

Fold-improvement: 2.14

FIGURE 10

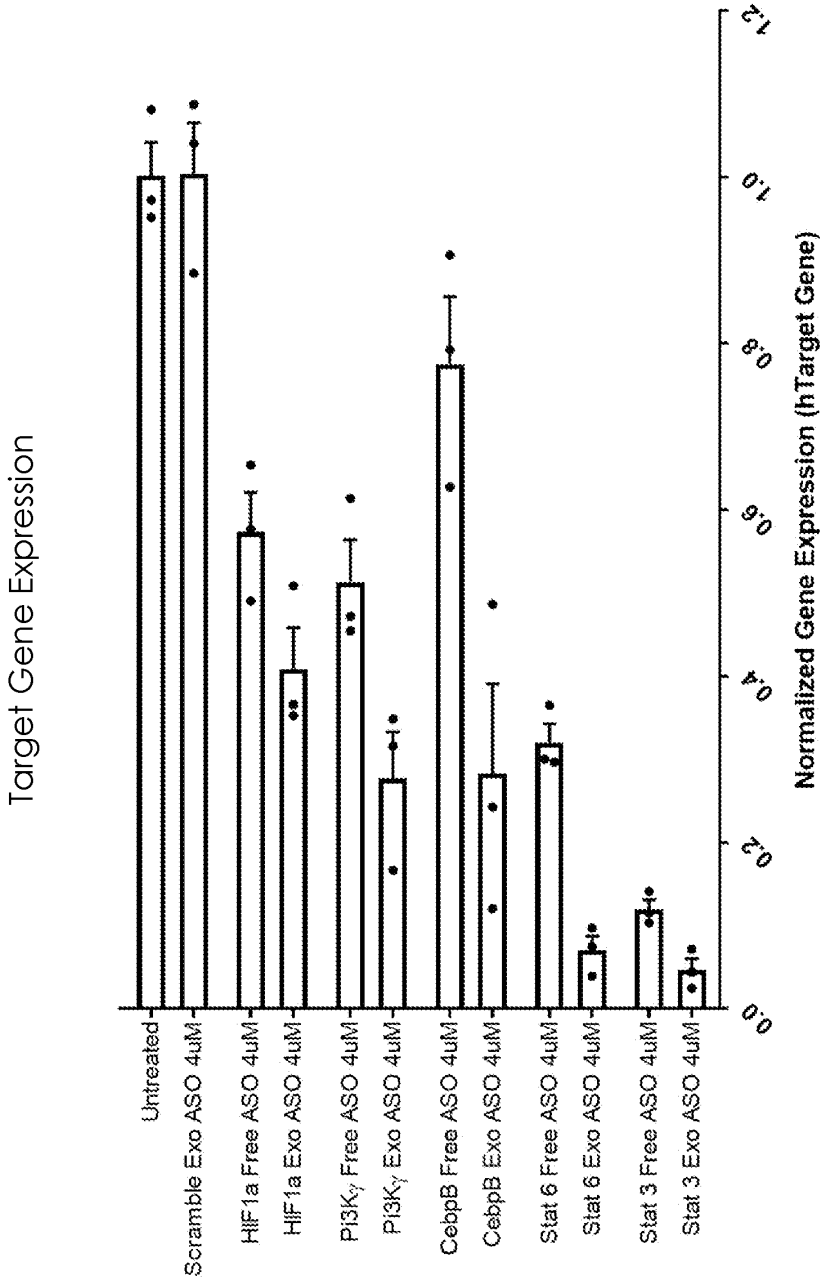

Target Gene Expression
Normalized Gene Expression (hTarget Gene)
0.0
2.0
4.0
6.0
8.0
10.0
12.
Untreated
Scramble Exo ASO 4uM
HIF1a Free ASO 4uM
HIF1a Exo ASO 4uM
PI3Kγ Free ASO 4uM
PI3Kγ Exo ASO 4uM
CebpB Free ASO 4uM
CebpB Exo ASO 4uM
Stat 6 Free ASO 4uM
Stat 6 Exo ASO 4uM
Stat 3 Free ASO 4uM
Stat 3 Exo ASO 4uM

FIGURE 11

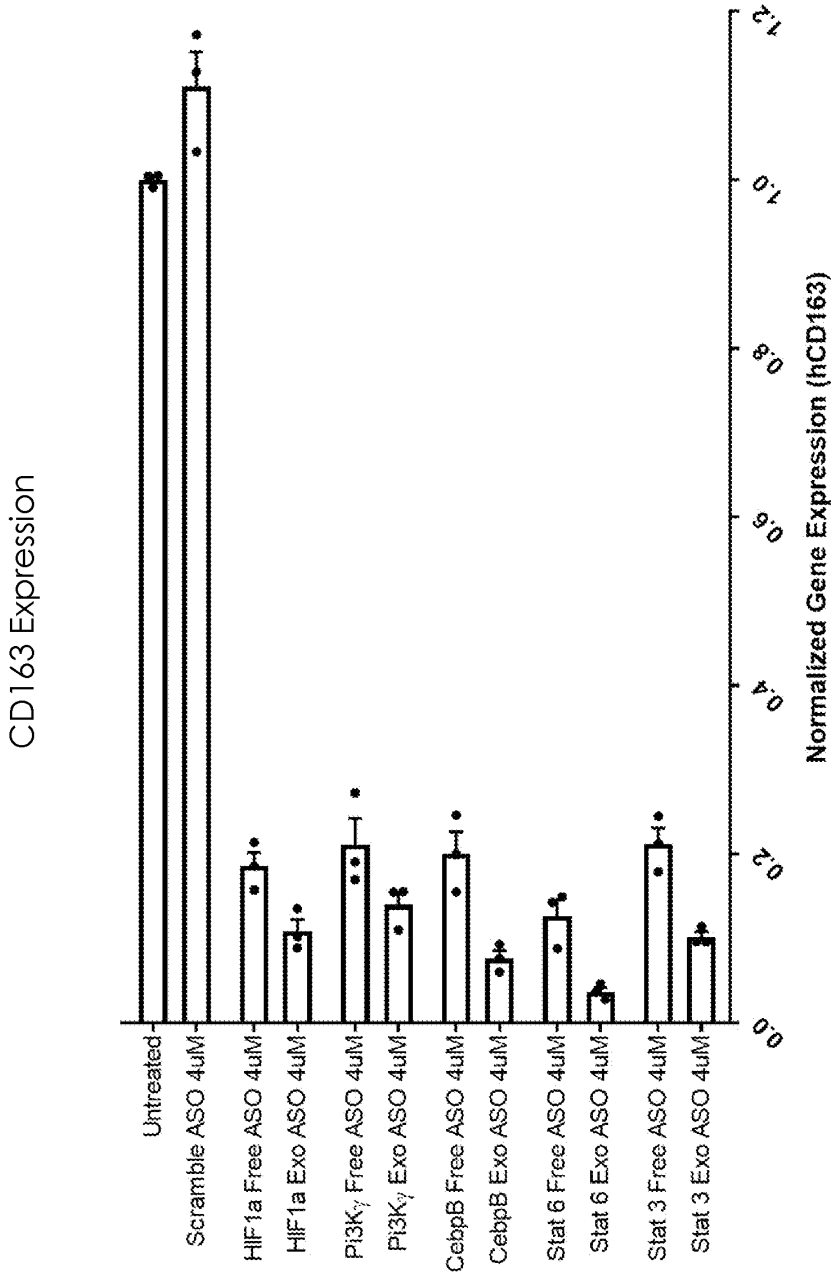

CD163 Expression
Normalized Gene Expression (hCD163)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Untreated
Scramble ASO 4uM
HIF1a Free ASO 4uM
HIF1a Exo ASO 4uM
Pi3Kγ Free ASO 4uM
Pi3Kγ Exo ASO 4uM
CebpB Free ASO 4uM
CebpB Exo ASO 4uM
Stat 6 Free ASO 4uM
Stat 6 Exo ASO 4uM
Stat 3 Free ASO 4uM
Stat 3 Exo ASO 4uM

FIGURE 12A

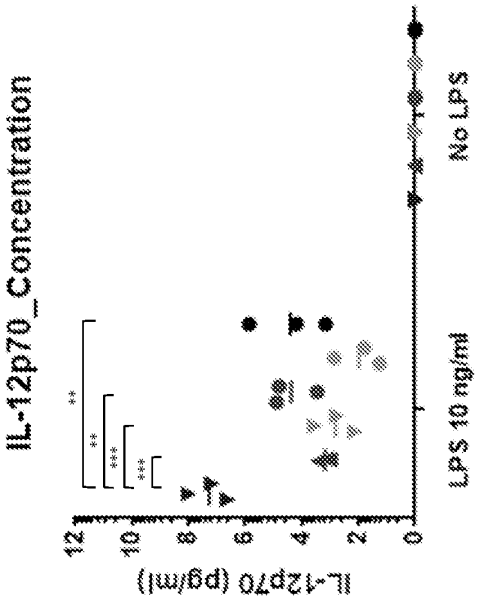


FIGURE 12B

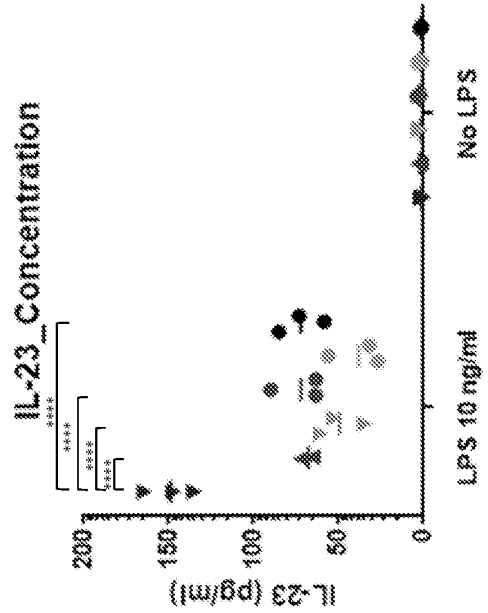




FIGURE 13B

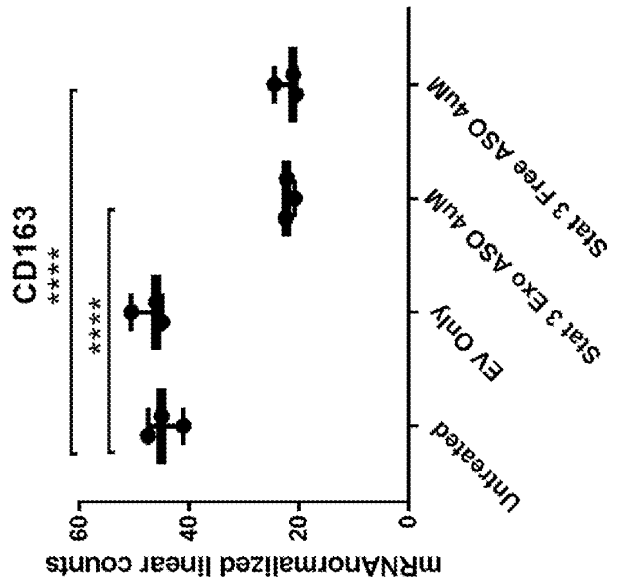


FIGURE 13A

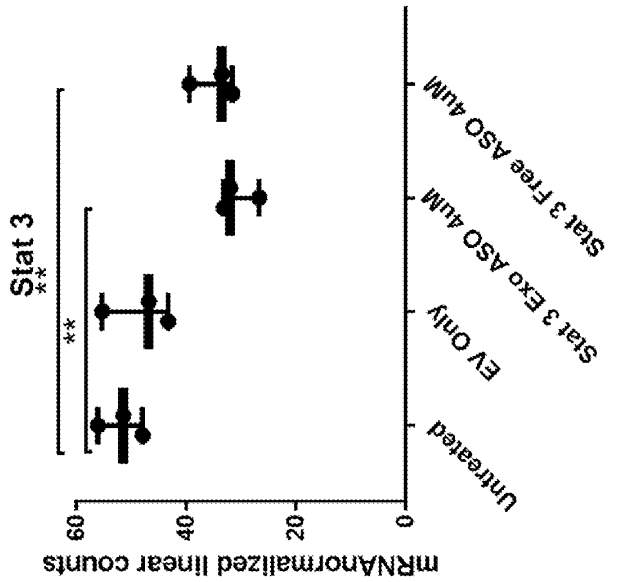


FIGURE 13D

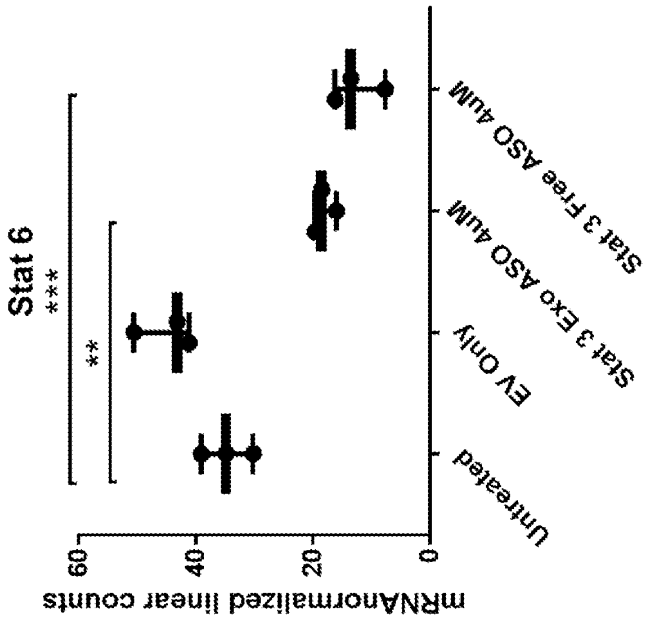


FIGURE 13C

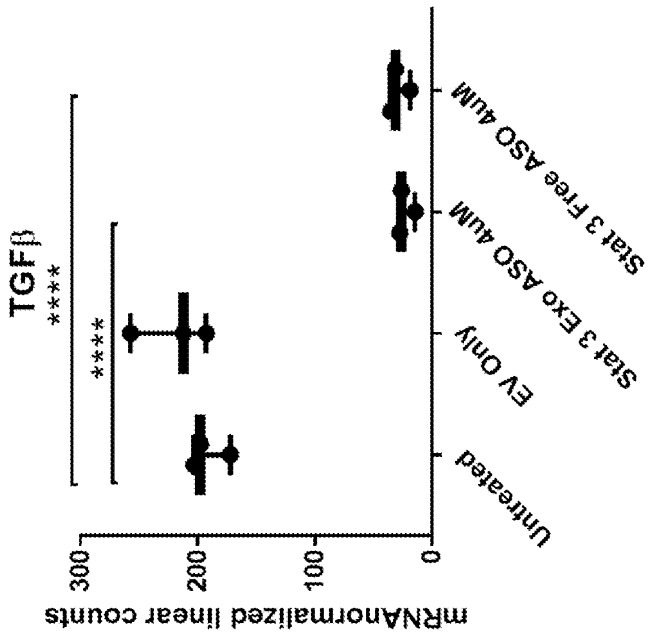
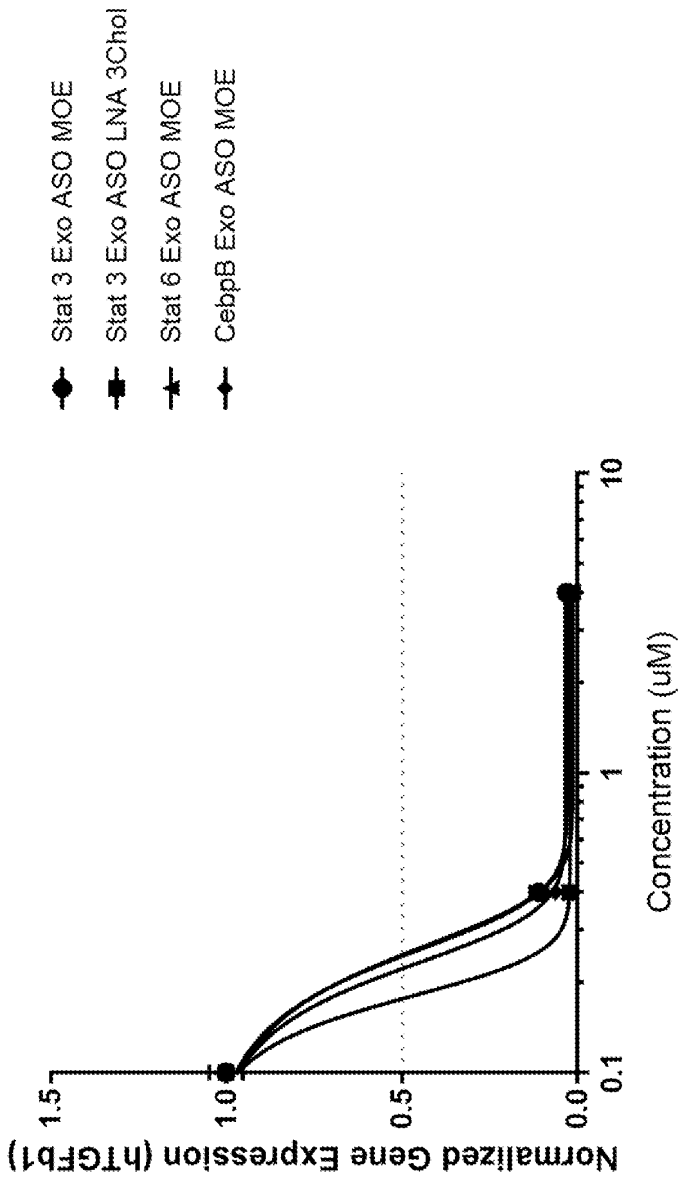


FIGURE 14


Stat 3 Exo ASO MOE
Stat 3 Exo ASO LNA 3Chol
Stat 6 Exo ASO MOE
CebpB Exo ASO MOE
Normalized Gene Expression (hTGFb1)
1.5
1.0
0.5
0.0
0.1
1
10
Concentration (uM)