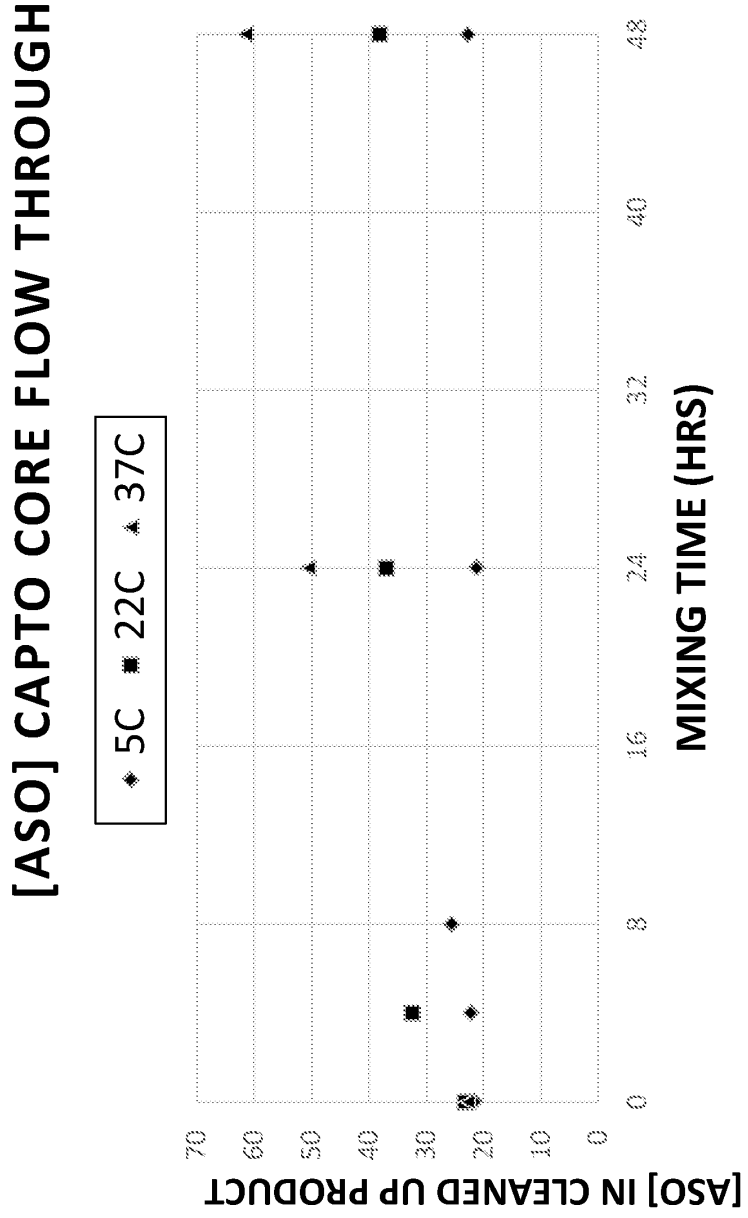

[ASO] CAPTO CORE FLOW THROUGH
5C
22C
37C
[ASO] IN CLEANED UP PRODUCT
0
10
20
30
40
50
60
70
0
8
16
24
32
40
48
MIXING TIME (HRS)

Fig. 1A

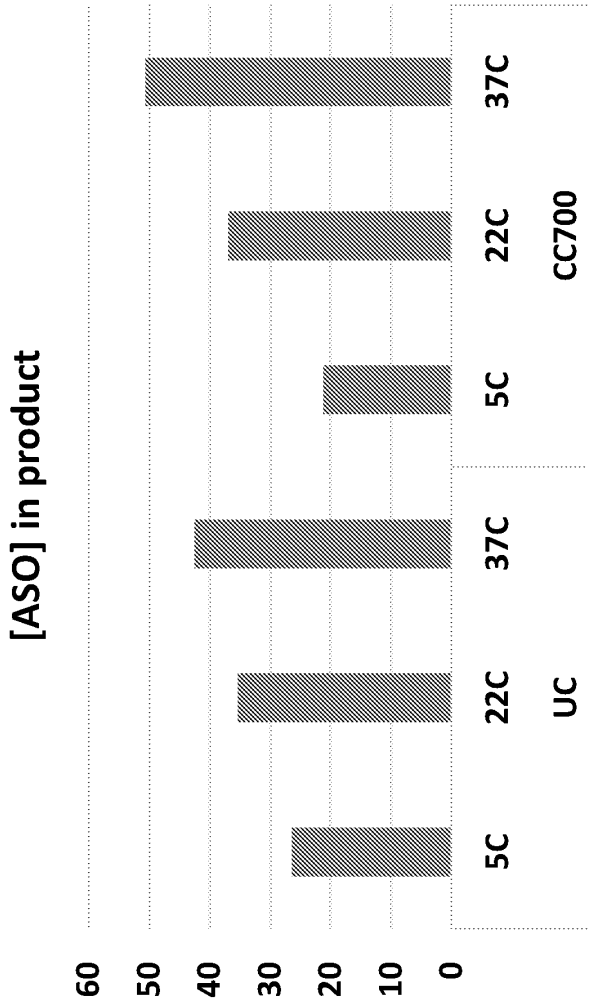


Fig. 1B

Fig. 2B

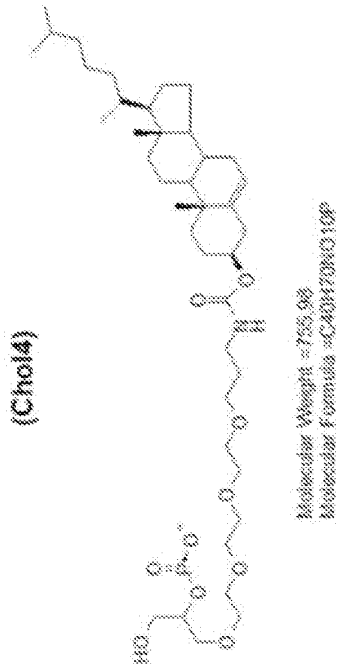

(Chol4)
Molecular Weight =755.96
Molecular Formula =C40H70NO13P

Fig. 2A

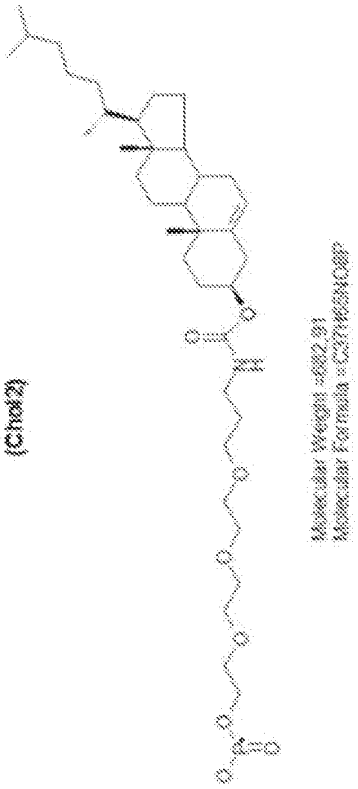

(Chol2)
Molecular Weight =682.91
Molecular Formula =C37H66NO8P

Fig. 3A

Description	Sequence	SEQ ID NO
ASO-STAT6	GAAAGGTTCCGTCGG	41
ASO-STAT6	GGCTAGTAACGTACTG	42
ASO-STAT6	GAAAGGTTCCGTCGGGC	43
ASO-STAT6	CTGAGTCGCTGAAGCGG	44
ASO-STAT6	CGCTCACACCGCTTGATCTT	45
ASO-STAT6	AGAAGAAGGCTAGTAACGTA	46
ASO-STAT6	GAGAAAGGTTCCGTCGGGCT	47
ASO-STAT6	GCAAGATCCCGGATTCGGTC	48
ASO-STAT6	GTGCGTGTGCGCGCTGCAGG	49
ASO-STAT6	GCCCTTGTACTTTTGCATAG	50

Fig. 3B

Description	Sequence	SEQ ID NO
ASO-KRAS	CCATCAGCTCCAAC	51
ASO-KRAS	GCCATCAGCTCCAA	52
ASO-KRAS	CGCCATCAGCTCCA	53
ASO-KRAS	CCATCAGCTCCAACT	54
ASO-KRAS	GCCATCAGCTCCAAC	55
ASO-KRAS	CGCCATCAGCTCCAA	56
ASO-KRAS	CCATCAGCTCCAACTA	57
ASO-KRAS	GCCATCAGCTCCAACT	58
ASO-KRAS	CGCCATCAGCTCCAAC	59
ASO-KRAS	ACGCCATCAGCTCCAA	60
ASO-KRAS	GCCTACGCCATCAGCTC	61

Fig. 3C

Description	Sequence	SEQ ID NO
ASO-NRAS	GGATTGTCAGTGCGC	62
ASO-NRAS	ATTCGGTACTGGCGT	63
ASO-NRAS	GGATTGTCAGTGCGCTTTTC	64
ASO-NRAS	GACTTGCTATTATTGATGGC	65
ASO-NRAS	TACTCGCTTAATCTGCTCCC	66
ASO-NRAS	ATCAACTGTCCTTGTTGGCA	67
ASO-NRAS	GCGTATTTCTCTTACCAGTG	68
ASO-NRAS	GTTTTTTCATTCGGTACTGG	69
ASO-NRAS	AACAGGGAGTAACAAGAGGT	70
ASO-NRAS	CAGTTGCTACTTTAGAGCTC	71

Fig. 3D

Description	Sequence	SEQ ID NO
ASO-PMP22	CAAACAGCGTAACCCCT	72
ASO-PMP22	AGCACCGCGACGTGGAGGAC	73
ASO-PMP22	TGGACAGACTGCAGCCATTC	74
ASO-PMP22	GTAAAACCTGCCCCCCTTGG	75
ASO-PMP22	CTCATTCGCGTTTCCGCAAG	76
ASO-PMP22	CTTTAAGGCTCAACACGAGG	77
ASO-PMP22	TTGGGGTTTCTACCCACACT	78
ASO-PMP22	CACCTGTAAGGGCAAGTATG	79
ASO-PMP22	TCCAGTGAGTTGTTTTAGAT G	80
ASO-PMP22	TCACGGTCCCAAGGAGTCTA	81

Fig. 3E

Description	Sequence	SEQ ID NO
ASO-CEBPb	GCTCGTGGTCGCCGA	82
ASO-CEBPb	CGTAGTCGTCGGAGA	83
ASO-CEBPb	TCGTGGTCGCCGATGC	84
ASO-CEBPb	TCGCGCCGGATCTTGT	85
ASO-CEBPb	CGCTCGTGGTCGCCGAT	86
ASO-CEBPb	CCGTAGTCGTCGGAGAA	87
ASO-CEBPb	TGCCCCCGTAGTCGTCG	88
ASO-CEBPb	CGGATCTTGTACTCGTC	89
ASO-CEBPb	TAAGCGCGCAGCGCGTACG G	90
ASO-CEBPb	CGCGCCGGATCTTGTACTC G	91

Fig. 3F

Description	Sequence	SEQ ID NO
ASO-STAT3	ATTTGTTGACGGGTC	92
ASO-STAT3	CGACAATACTTTCCG	93
ASO-STAT3	GAACTGGACGCCGGTC	94
ASO-STAT3	CACAATTGGCTCGGCC	95
ASO-STAT3	CGTAGATTGTGCTGATAGAG	96
ASO-STAT3	GCCACAATCCGGGCAATCTC	97
ASO-STAT3	AGTTTTCTAGCCGATCTAGG	98
ASO-STAT3	CGACAATACTTTCCGAATGC	99
ASO-STAT3	AGGTAGGCGCCTCAGTCGT	100
ASO-STAT3	CAGGTAGGCGCCTCAGTCGT	101

Fig. 3G

Description	Sequence	SEQ ID NO
ASO-NLRP3	CTCCGAGAGTGTTGCCTCGC	102
ASO-NLRP3	GTAAAGGTGCGTGAGATTCT	103
ASO-NLRP3	GTCGAAGCAGCACTCATGCG	104
ASO-NLRP3	AGTCCATGGCCCTTTGCACG	105
ASO-NLRP3	GCAGTGTGACGTGAGGTTGC	106
ASO-NLRP3	CGAGAGTGTTGCCTCGCAGG	107
ASO-NLRP3	ATCGCAGCGAAGATCCACAC	108
ASO-NLRP3	ATCTTAATGGGACTCACGGG	109
ASO-NLRP3	GATCTCCACATGCCGAGGAT	110
ASO-NLRP3	TCCGAGAGTGTTGCCTCGCA	111
ASO-NLRP3	TGGTTGCTGCTGAGGACCAA	112

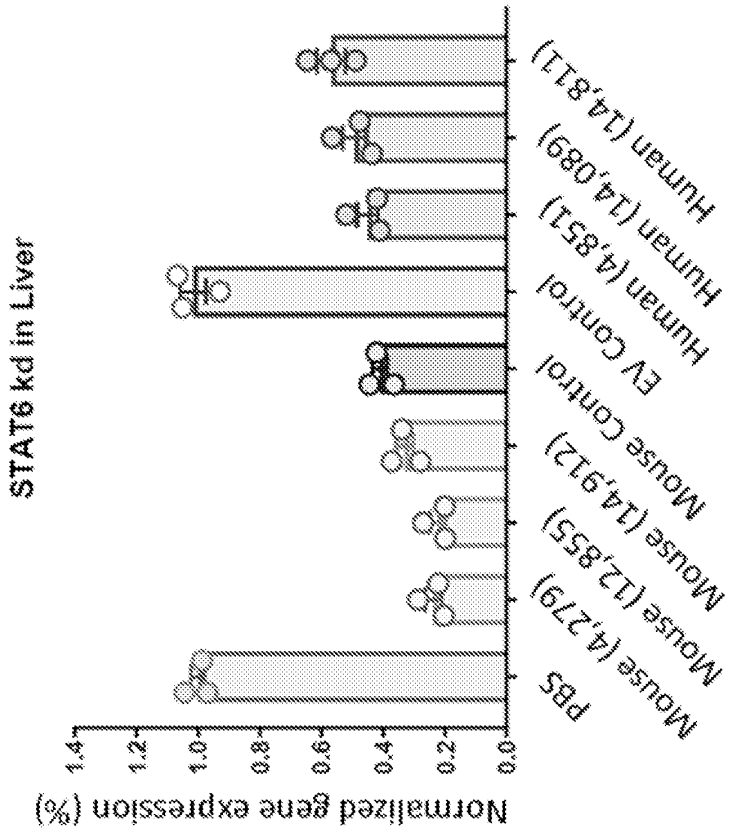

STAT6 kd in Liver
Normalized gene expression (%)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
PBS
Mouse (4,279)
Mouse (12,855)
Mouse (14,912)
Mouse Control
EV Control
Human (4,851)
Human (14,089)
Human (14,811)

Fig. 4

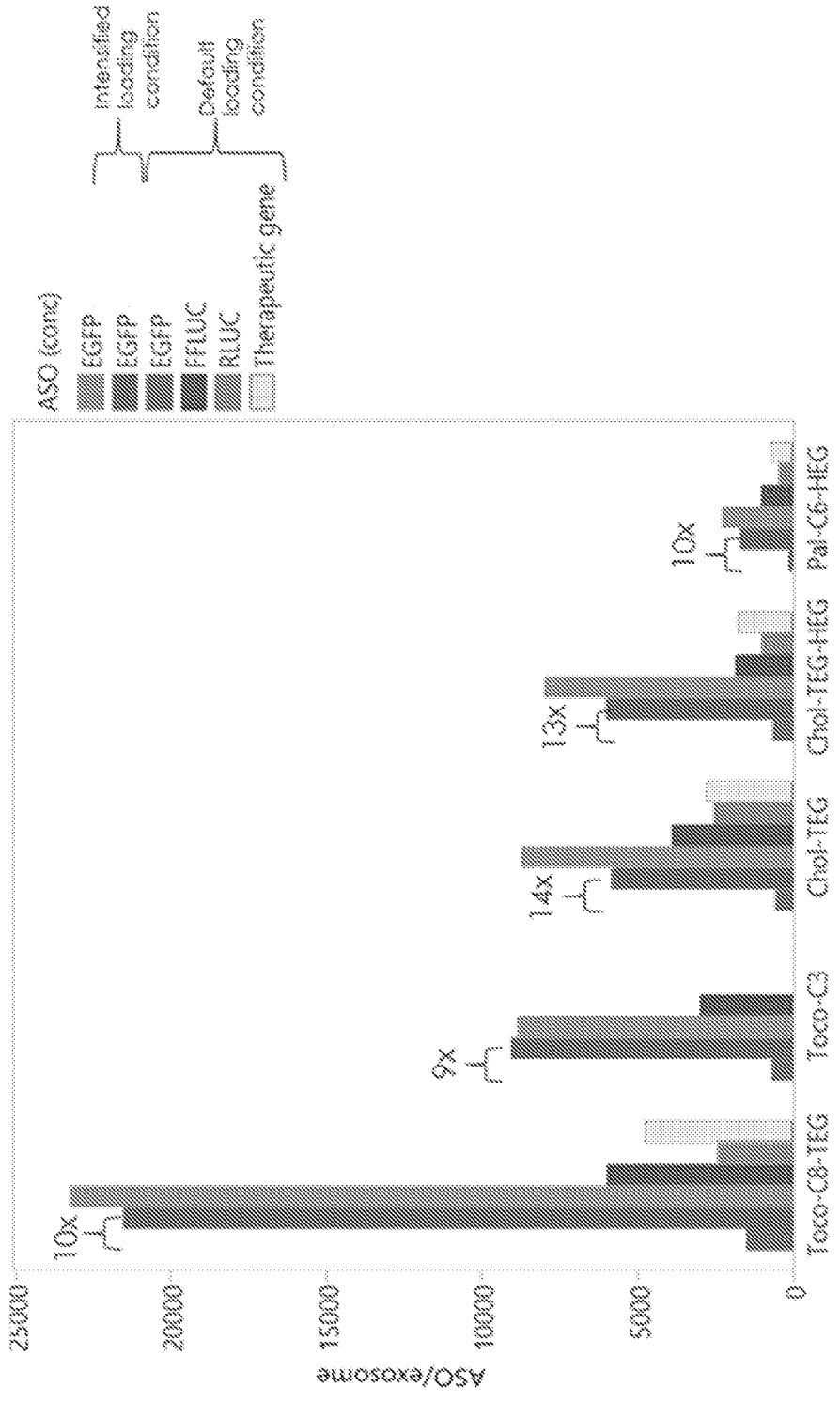

Intensified loading condition
Default loading condition
ASO (conc)
EGFP
EGFP
EGFP
FFLUC
RLUC
Therapeutic gene
ASO/exosome
25000
20000
15000
10000
5000
0
10x
9x
14x
13x
10x
Toco-C8-TEG
Toco-C3
Chol-TEG
Chol-TEG-HEG
Pal-C6-HEG

Fig. 5