

FIG. 1

Description	Sequence	SEQ ID NO	Length (NT)	Transcript Position (SEQ ID NO: 3)
				Start Stop
ASO-STAT6-1053	CTGGTGACGAGGGTT	91	15	1053 1067
ASO-STAT6-1359	CGCTACACCGGTTG	92	15	1359 1373
ASO-STAT6-1890	AGGCTACTAACGTAC	93	15	1890 1904
ASO-STAT6-1892	GAAGGCTAGTAACGT	94	15	1892 1906
ASO-STAT6-1915	GCTTCGGTCGGGCTC	95	15	1915 1929
ASO-STAT6-1916	AGGTTCCGTCGGGCT	96	15	1916 1930
ASO-STAT6-1917	AAGGTTCCGTCGGGC	97	15	1917 1931
ASO-STAT6-1918	AAAGGTTCCGTCGGG	98	15	1918 1932
ASO-STAT6-1919	GAAAGGTTCCGTCGG	99	15	1919 1933
ASO-STAT6-1920	AGAAAGGTTCCGTCG	100	15	1920 1934
ASO-STAT6-1937	AGTCGTGAAGCGGA	101	15	1937 1951
ASO-STAT6-1938	GAGTCGCTGAAGCGG	102	15	1938 1952
ASO-STAT6-2061	CGGATTCCGGTCCCGC	103	15	2061 2075
ASO-STAT6-2062	CCGGATTCCGGTCCCG	104	15	2062 2076
ASO-STAT6-2063	CCCGGATTCCGGTCCCG	105	15	2063 2077
ASO-STAT6-2064	TCCCGGATTCCGGTCC	106	15	2064 2078
ASO-STAT6-2066	GATCCCGATTCCGGT	107	15	2066 2080

FIG. 1 (Cont'd)

Description	Sequence	SEQ ID NO	Length (nt)	15mer LNA gapmer (3'-9-3', 5'-3' (Axolabs nomenclature))	Transcript Position (SEQ ID NO: 3)	
					Start	Stop
ASO-STAT6-2067	AGATCCGGGATTGGG	108	15	AbsGbsAbsdTsd(5MdC)s(5MdC)sdGsdGsdAsdTsdTsCbsGbsGb	2067	2081
ASO-STAT6-2088	AAGATCCCGGATTGG	109	15	AbsAbsCbsdAsdTsd(5MdC)s(5MdC)sdGsdGsdAsdTsdTsCbsGb	2088	2082
ASO-STAT6-2352	TGATACGGGGGGATG	110	15	TbsCbsAbsdTsdAs(5MdC)sdGsdGsdGsdGsdGsAbsTbsGb	2352	2386
ASO-STAT6-3073	CGTGTGGCGGCTGGA	111	15	CbsCbsTbsdGsdTsdGs(5MdC)sdGs(5MdC)sdTsdTsGbsCbsAb	3073	3087
ASO-STAT6-1053	ACTGGTGACGAGGGTT	112	16	AbsCbsTbsdGsdGsdTsdGsAs(5MdC)sdGsdAsdTsdGsGbsTbsTb	1053	1088
ASO-STAT6-1054	AAGTGGTGACGAGGGT	113	16	AbsAbsCbsdTsdGsdGsdTsdGsAs(5MdC)sdGsdAsdTsdGsGbsTbsTb	1054	1059
ASO-STAT6-1356	CTCAGACCGGTTGATC	114	16	CbsTbsCbsdAs(5MdC)sdAs(5MdC)s(5MdC)sdGs(5MdC)sdTsdTsGbsTbsCb	1356	1371
ASO-STAT6-1847	CGGTCAGACCGAGTAGC	115	16	CbsCbsGbsdTsd(5MdC)sdAsdTsdGsAs(5MdC)s(5MdC)sdTsdTsGbsTbsCb	1847	1862
ASO-STAT6-1886	CTAGTAACGTACTGTT	116	16	CbsTbsAbsdTsdGsdTsdAsdAs(5MdC)sdGsdTsdAs(5MdC)sdTsdTsGbsTbsTb	1886	1901
ASO-STAT6-1887	GCTAGTAACGTACTGT	117	16	GbsCbsTbsdAsdTsdGsdTsdAsdAs(5MdC)sdGsdTsdAs(5MdC)sTbsGbsTb	1887	1902
ASO-STAT6-1888	GGCTAGTAACGTACTG	118	16	GbsCbsCbsdTsdAsdTsdGsdTsdAsdAs(5MdC)sdGsdTsdAsCbsTbsGb	1888	1903
ASO-STAT6-1889	AGGCTAGTAACGTACT	119	16	AbsCbsGbs(5MdC)sdTsdAsdTsdGsdTsdAsdAs(5MdC)sdTsdTsAbsCbsTb	1889	1904
ASO-STAT6-1890	AAGGCTAGTAACGTAC	120	16	AbsAbsCbsdTsdGs(5MdC)sdTsdAsdTsdGsdTsdAsdAs(5MdC)sdTsdTsAbsCb	1890	1905
ASO-STAT6-1893	AAGAAGGCTAGTAACG	121	16	AbsAbsCbsdTsdAsdTsdGsdGs(5MdC)sdTsdAsdTsdGsdTsdAsAbsCbsCb	1893	1908
ASO-STAT6-1917	AAAGGTTCCGTCGGGC	122	16	AbsAbsAbsdTsdGsdTsdTs(5MdC)s(5MdC)sdTsdGs(5MdC)sdTsdTsGbsGbsCb	1917	1932
ASO-STAT6-1919	AGAAGGTTCCGTCGG	123	16	AbsCbsAbsdTsdAsdTsdGsdTsdTs(5MdC)s(5MdC)sdTsdGsTsdTsCbsGbsGb	1919	1934
ASO-STAT6-2056	TTCGGTCCCCCAGTGA	124	16	TbsTbsCbsdTsdGsdTsdTs(5MdC)s(5MdC)s(5MdC)sdTsdGsTbsGbsAb	2056	2071

FIG. 1 (Cont'd)

Description	Sequence	SEQ ID NO	Length (NT)	15mer LNA gapmer (3'-9-3', 5'-3' (Axolabs nomenclature))	Transcript	
					Position (SEQ ID NO: 3)	Start Stop
ASO-STAT6-2060	CGGATTCGGTCCCCCA	125	16	CbsCbsGbsdAadTsdTs(5MdC)sdGsdGsdTs(5MdC)s(5MdC)s(5MdC)sCbsCbsAb	2060	2075
ASO-STAT6-2086	AGATCCCGGATTCCGGT	126	16	AbsCbsAbsdTs(5MdC)s(5MdC)s(5MdC)sdGsdGsdAadTsdTs(5MdC)sGbsGbsTb	2066	2081
ASO-STAT6-2070	AGCAAGATCCCGGATT	127	16	AbsCbsCbsdAadAadGsdAadTs(5MdC)s(5MdC)s(5MdC)sdGsdGsdAbsTbsTb	2070	2085
ASO-STAT6-2351	TGATACGGGGGATGG	128	16	TbsCbsAbsdTsAs(5MdC)sdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsb	2351	2366
ASO-STAT6-2352	TTGATACGGGGGGATG	129	16	TbsTbsCbsdAadTsdAs(5MdC)sdGsdGsdGsdGsdGsdGsdGsdGsdGsdGsb	2352	2367
ASO-STAT6-2359	AGAGCCCTTGATACGG	130	16	AbsCbsAbsdGsdGs(5MdC)s(5MdC)sdTsdTsdGsdAadTsdAsCbsGbsGb	2359	2374
ASO-STAT6-3633	GGTTAGCATATGTCA	131	16	GbsCbsGbsdTsdTsdAadGs(5MdC)sdAadTsdAadTsdGsTbsCbsAb	3633	3648
ASO-STAT6-673	TGGATCTCCCTACTCG	132	17	TbsCbsGbsdAadTs(5MdC)sdTs(5MdC)s(5MdC)s(5MdC)sdTsdTs(5MdC)sTbsCbsGb	673	689
ASO-STAT6-1052	ACTCGTGACGAGGGTTC	133	17	AbsCbsTbsdGsdGsdTsdGsdAs(5MdC)sdGsdAadGsdGsdGsTbsTbsCb	1052	1068
ASO-STAT6-1356	GCTCACACCGCTTGATC	134	17	GbsCbsTbs(5MdC)sdAs(5MdC)sdAs(5MdC)s(5MdC)sdGs(5MdC)sdTsdTsGbsTbsCb	1356	1372
ASO-STAT6-1357	CGGTCACACCGCTTGAT	135	17	CbsCbsCbsdTs(5MdC)sdAs(5MdC)sdAs(5MdC)s(5MdC)sdGsdGs(5MdC)sdTsdTsGbsAbsTb	1357	1373
ASO-STAT6-1359	TCCGCTCACACCGCTTG	136	17	TbsCbsCbsdGs(5MdC)sdTs(5MdC)sdAs(5MdC)sdAs(5MdC)s(5MdC)sdGs(5MdC)sTbsTbsGb	1359	1375
ASO-STAT6-1360	TTCCGCTCACACCGCTT	137	17	TbsTbsCbs(5MdC)sdGs(5MdC)sdTs(5MdC)sdAs(5MdC)sdAs(5MdC)s(5MdC)sdGsTbsTb	1360	1376
ASO-STAT6-1839	ACGAGTAGCTCCCGGAGA	138	17	AbsCbsCbsdAadGsdTsdAadGs(5MdC)sdTs(5MdC)s(5MdC)sdGsdGsAbsGbsAb	1839	1855
ASO-STAT6-1848	GGCGGTCAGACGAGTAG	139	17	GbsCbsCbsdGsdGsdTs(5MdC)sdAadGsdAs(5MdC)s(5MdC)sdAadGsTbsAbsGb	1848	1864
ASO-STAT6-1849	AGCCGGTCAGACCAAGTA	140	17	AbsCbsCbs(5MdC)sdGsdGsdTs(5MdC)sdAadGsdAadGsdAs(5MdC)s(5MdC)sdAsGbsTbsAb	1849	1865
ASO-STAT6-1891	AGAAGGCTAGTAACGTA	141	17	AbsCbsAbsdAadGsdGs(5MdC)sdTsdAadGsdTsdAadAs(5MdC)sGbsTbsAb	1891	1907

FIG. 1 (Cont'd)

[illegible]

FIG. 1 (Cont'd)

Description1	Sequence	SEQ ID NO	Length (NT)	15mer LNA gapmer (3'-9-3', 5'-3' (Axolabs nomenclature))	Transcript Position (SEQ ID NO: 3)	
					Start	Stop
ASO-STAT6-1131	AGCCCAACAGGAATCGA ACT	159	20	AbsCbsCbsCmsCmsdAas(5MdC)sdAasGsdAasTsdTs(5MdC)sGmsAmsAbsCbsTb	1131	1150
ASO-STAT6-1354	CGCTCACACCGCTTGAT CTT	160	20	CbsCbsCbsTmsCmsdAas(5MdC)sdAas(5MdC)s(5MdC)sdGs(5MdC)sdTsdTsGmsAmsTmsCbsTb	1354	1373
ASO-STAT6-1355	CCGCTCACACCGCTTGA TCT	161	20	CbsCbsCbsCmsTms(5MdC)sdAas(5MdC)sdAas(5MdC)sdGs(5MdC)sdTsdTsGmsAmsTbCbsT b	1355	1374
ASO-STAT6-1356	TCCGCTCACACCGCTTG ATC	162	20	TbsCbsCbsGmsCmsdTs(5MdC)sdAas(5MdC)sdAas(5MdC)sdGs(5MdC)sdTsdTsTmsGmsAbsTbsC b	1356	1375
ASO-STAT6-1432	AGTTTCCCGGGGCOAAG TGT	163	20	AbsCbsTbsTmsTmsdGs(5MdC)s(5MdC)sdGs(5MdC)sdGs(5MdC)sdAasAmsGmsTbsGbsTb	1432	1451
ASO-STAT6-1555	AAGGCGACGGGTCCAT CTC	164	20	AbsAbsCbsGmsGms(5MdC)sdAas(5MdC)sdGs(5MdC)sdGsdGsdTsdTs(5MdC)sAmsTmsCbsTbs Cb	1555	1574
ASO-STAT6-1556	AAAGGCGACGGGTCCA TCT	165	20	AbsAbsAbsGmsGmsdGs(5MdC)sdAas(5MdC)sdGs(5MdC)sdGsdGsdTsdTs(5MdC)sCmsAmsTbsCbsTb	1556	1575
ASO-STAT6-1557	CAAGGCGACGGGTGC CATC	166	20	CbsAbsAbsAmsGmsdGsdGs(5MdC)sdAas(5MdC)sdGs(5MdC)sdGsdGsdTsdTsCmsCmsAbsTbsCb	1557	1576
ASO-STAT6-1558	ACAAGGCGACGGGTGC CAT	167	20	AbsCbsAbsAmsAmsdGsdGs(5MdC)sdAas(5MdC)sdGs(5MdC)sdGsdGsTmsCmsCbsAbsTb	1558	1577
ASO-STAT6-1826	CCGAGACACGGTTTG TGA	168	20	CbsCbsCbsGmsAmsdGsdGs(5MdC)sdAas(5MdC)sdGs(5MdC)sdTsdTsGmsGmsTbsGbsAb	1826	1845
ASO-STAT6-1827	TCCGGAGACAGCGTTTG GTG	169	20	TbsCbsCbsGmsGmsdAasGsdGs(5MdC)sdAasGs(5MdC)sdGsdTsdTsTmsGmsGbsTbsGb	1827	1846
ASO-STAT6-1833	AGTAGTCCGGAGACAG CGT	170	20	AbsCbsTbsAmsGms(5MdC)sdTsdTs(5MdC)s(5MdC)sdGsdGsdAas(5MdC)sAmsGmsCbsGbsTb	1833	1852
ASO-STAT6-1843	CGTCAGACCGTAGCT CCG	171	20	CbsCbsGbsTmsCmsdAasGsdGs(5MdC)s(5MdC)sdAasGsdTsdTsCmsCbsCbsGb	1843	1862
ASO-STAT6-1846	AGCCGGTCAGACCOAGTA GCT	172	20	AbsCbsCbsCmsGmsdGsdTs(5MdC)sdAasGsdGs(5MdC)s(5MdC)sdAasGsTmsAmsGbsCbsTb	1846	1865
ASO-STAT6-1847	CAGCCGGTCAGACCCAGT AGC	173	20	CbsAbsCbsCmsCmsdGsdGs(5MdC)sdAasGsdGs(5MdC)s(5MdC)sdAasGmsTmsAbsGbsCb	1847	1866
ASO-STAT6-1883	GCTAGTAACGTACTGTTT GC	174	20	GbsCbsTbsAmsGmsdTsAas(5MdC)sdGsdTsdTs(5MdC)sdTsdGsTmsTbsGbsCb	1883	1902
ASO-STAT6-1889	AAGAAGGCTAGTAACGT ACT	175	20	AbsAbsCbsAmsAmsdGsdGs(5MdC)sdTsdAas(5MdC)sGmsTmsAbsCbsTb	1889	1908

FIG. 1 (Cont'd)

Description	Sequence	SEQ ID NO	Length (NT)	15mer LNA gapmer (3'-9-3') 5'-3' (Axolabs nomenclature)	Transcript Position (SEQ ID NO. 3)	
					Start	Stop
ASO-STAT6-1890	GAAGAAGGCTAGTAACG TAC	176	20	GbsAbsGmsAmsdAsdGsdGs(5MdC)sdTsdAsdGsdTsdAsdAsCmsGmsTbsAbsCb	1890	1909
ASO-STAT6-1891	AGAAGAAGGCTAGTAAC GTA	177	20	AbsGbsAbsAmsGmsdAsdAsdGsdGs(5MdC)sdTsdAsdGsdTsdAsdAsCmsGbsTbsAb	1891	1910
ASO-STAT6-1916	GAGAAAGGTTCCGTCGG GCT	178	20	GbsAbsGbsAmsAmsdAsdGsdGsdTsdTs(5MdC)s(5MdC)sdGsdTs(5MdC)sGmsGmsGbsCb	1916	1935
ASO-STAT6-1917	GGAGAAGGTTCCGTCGG GGC	179	20	GbsGbsAbsGmsAmsdAsdAsdGsdGsdTsdTs(5MdC)s(5MdC)sdGsdTsCmsGmsGbsGbsCb	1917	1936
ASO-STAT6-2056	CGGATTCCGTCGCCCAAG TGA	180	20	CbsGbsGbsAmsTmsdTs(5MdC)sdGsdGsdTsdTs(5MdC)s(5MdC)s(5MdC)s(5MdC)sAmsGmsTbs GbsAb	2056	2075
ASO-STAT6-2057	CCGATTCCGTCGCCCA GTG	181	20	GbsGbsGbsGmsAmsdTsdTs(5MdC)sdGsdGsdTsdTs(5MdC)s(5MdC)s(5MdC)sCmsAmsGbsTbs Gb	2057	2076
ASO-STAT6-2060	ATCCCGGATTCCGTCGCC CCA	182	20	AbsTbsCbsCmsCmsdGsdGsdAsdTsdTs(5MdC)sdGsdGsdTsdTs(5MdC)sCmsCmsCbsCbsAb	2060	2079
ASO-STAT6-2082	AGATCCCGGATTCCGTC CCC	183	20	AbsGbsAbsTmsCms(5MdC)s(5MdC)sdGsdGsdAsdTsdTs(5MdC)sdGsdTsTmsCmsCbsCbsCb	2082	2081
ASO-STAT6-2083	AAGATCCCGGATTCCGTT CCC	184	20	AbsAbsGbsAmsTms(5MdC)s(5MdC)sdGsdGsdAsdTsdTs(5MdC)sdGsdTsGmsTmsCbsCbsCb	2083	2082
ASO-STAT6-2085	GCAAGATCCCGGATTCCG GTC	185	20	GbsCbsAbsAmsGmsdAsdTs(5MdC)s(5MdC)s(5MdC)sdGsdGsdAsdTsdTsCmsGmsGbsTbsCb	2085	2084
ASO-STAT6-2088	TGAGCAAGATCCCGGAT TCG	186	20	TbsGbsAbsGmsCmsdAsdAsdGsdAsdTs(5MdC)s(5MdC)sdGsdGsAmsTmsTbsCbsGb	2088	2087
ASO-STAT6-2347	TGATACGGGGGGGATGGA GTG	187	20	TbsGbsAbsTmsAms(5MdC)sdGsdGsdGsdGsdGsdAsdTsdGsGmsAmsGbsTbsGb	2347	2366
ASO-STAT6-2348	TTGATACGGGGGGGATGG AGT	188	20	TbsTbsCbsAmsTmsdAs(5MdC)sdGsdGsdGsdGsdGsdAsdTsCmsGmsAbsCbsTb	2348	2367
ASO-STAT6-2358	GGGAGAGGCTTGATAC GGG	189	20	GbsGbsGbsAmsGmsdAsdGsdGs(5MdC)s(5MdC)sdTsdTsdGsdAsdTsAmsCmsGbsGbsGb	2358	2377
ASO-STAT6-2782	GATCAACCACTGGGGTT GGC	190	20	GbsAbsTbsCmsAms(5MdC)s(5MdC)sdAsdAs(5MdC)sdTsdGsdGsdGsdGsdTmsTmsGbsCbsCb	2782	2801
ASO-STAT6-3070	TGCGTGTCCGCGCTGCA GGT	191	20	TbsGbsCbsGmsTmsdGsdTsdGs(5MdC)sdGs(5MdC)sdTsdGsCmsAmsGbsCbsTb	3070	3089
ASO-STAT6-3071	GTGGTGTCCGCGCGCTG CAGG	192	20	GbsTbsGbsCmsCmsdTsdGsdTsdGs(5MdC)sdGs(5MdC)sdGs(5MdC)sdTsdGsCmsAmsGbsGbsGb	3071	3090
ASO-STAT6-3431	GCCCTTGACTTTTGCAT AG	193	20	GbsCbsCbsCmsTmsdTsdGsdTsdAs(5MdC)sdTsdTsdTsdTsdGsdGsCmsAmsTbsAbsGb	3431	3450

FIG. 2

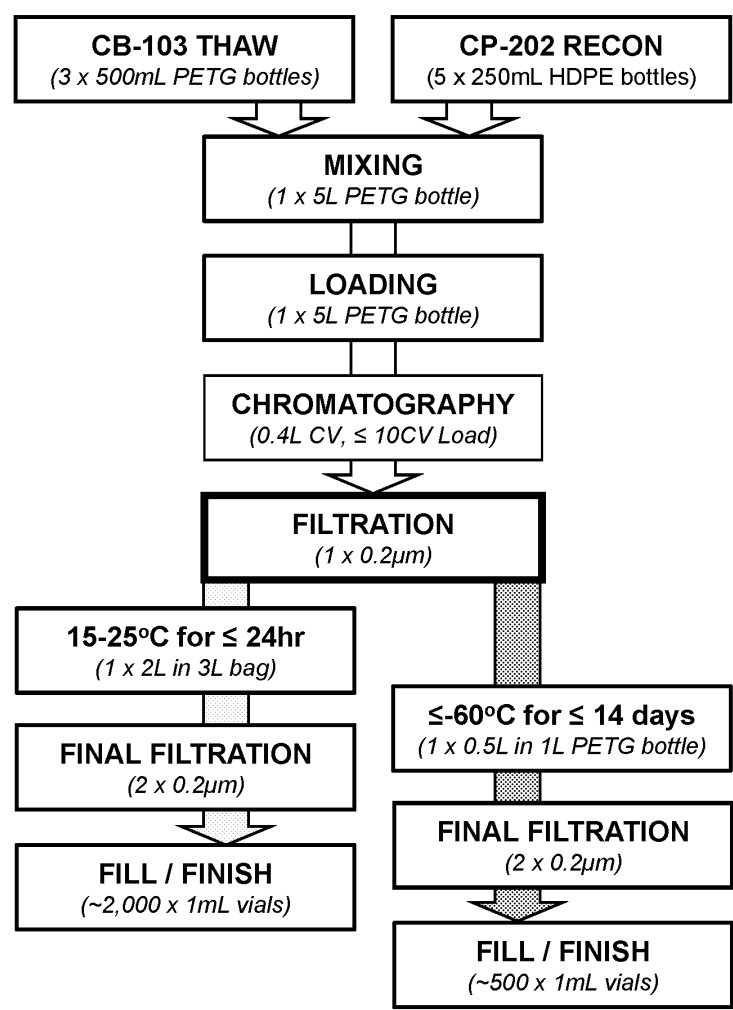


FIG. 3A

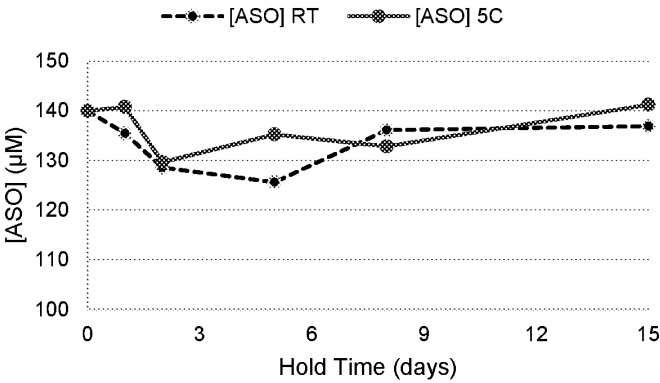


FIG. 3B

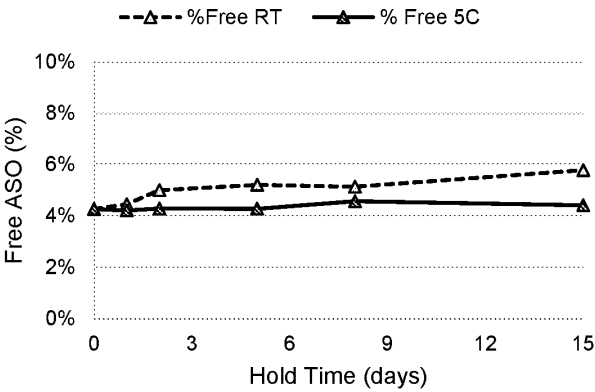
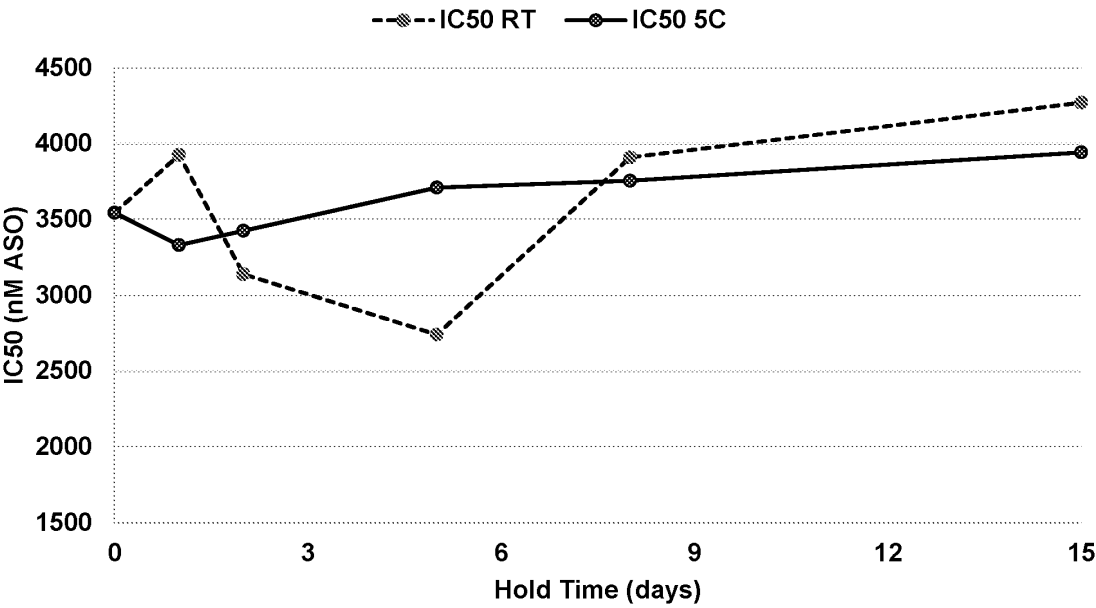
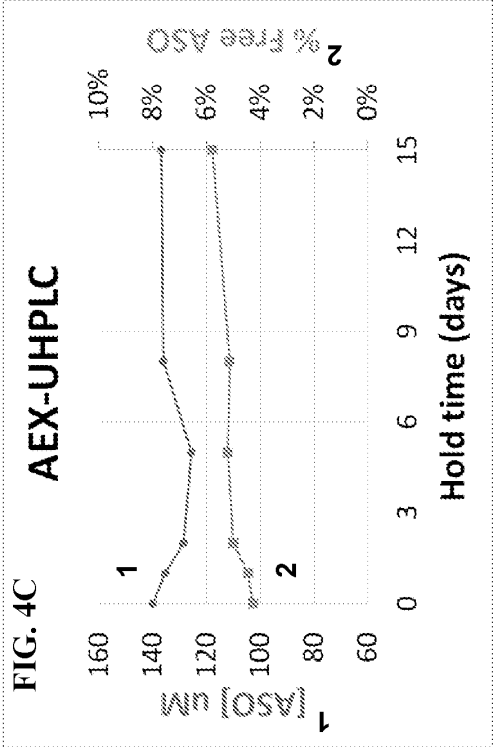
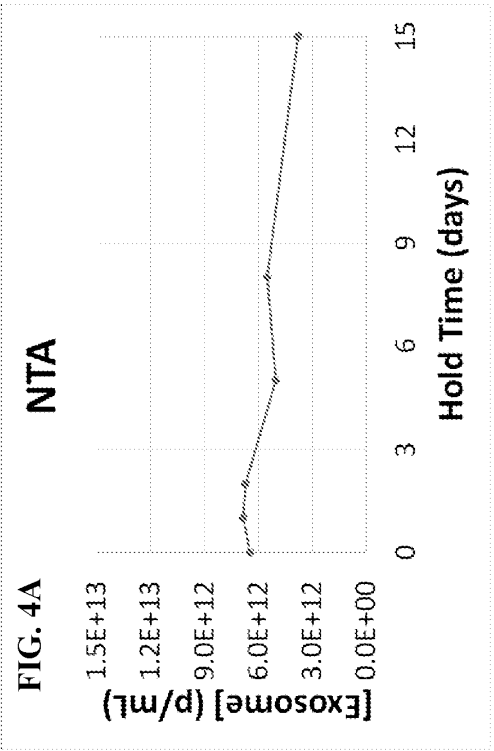
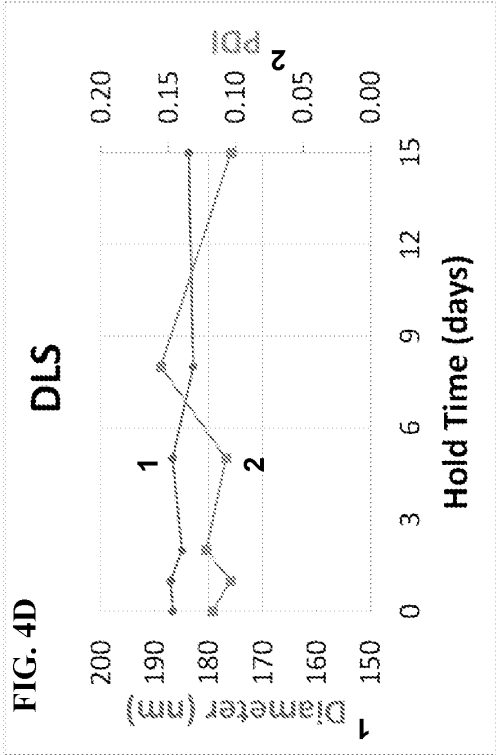
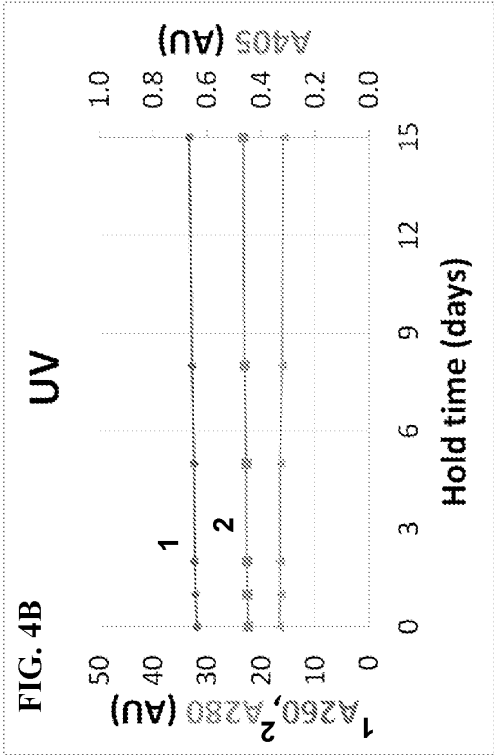


FIG. 3C





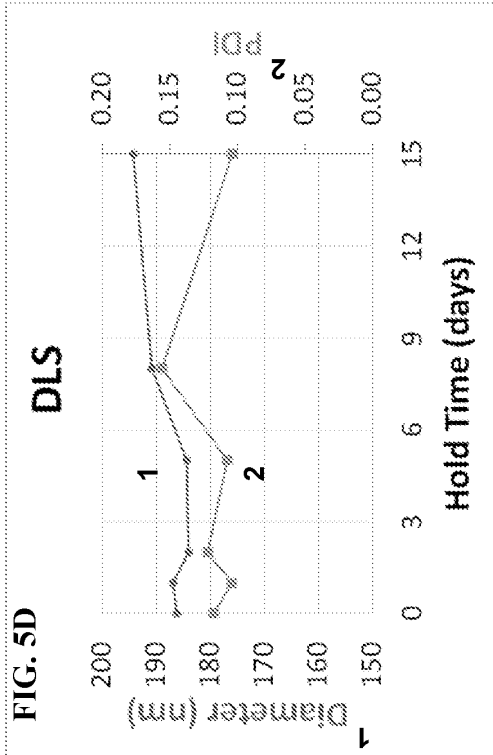
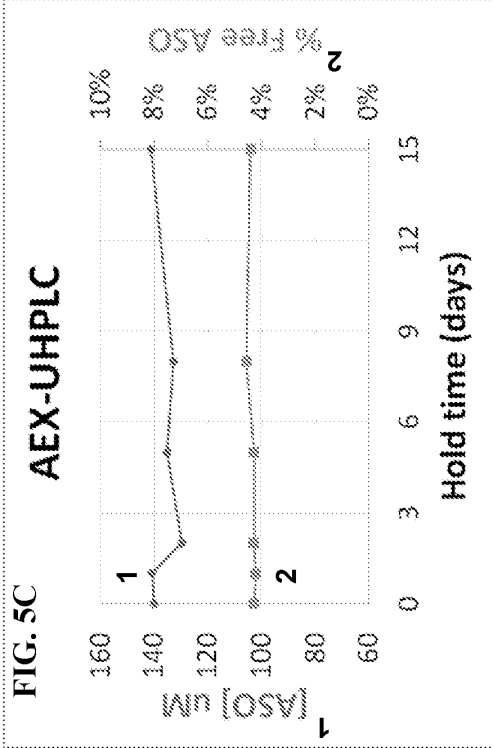
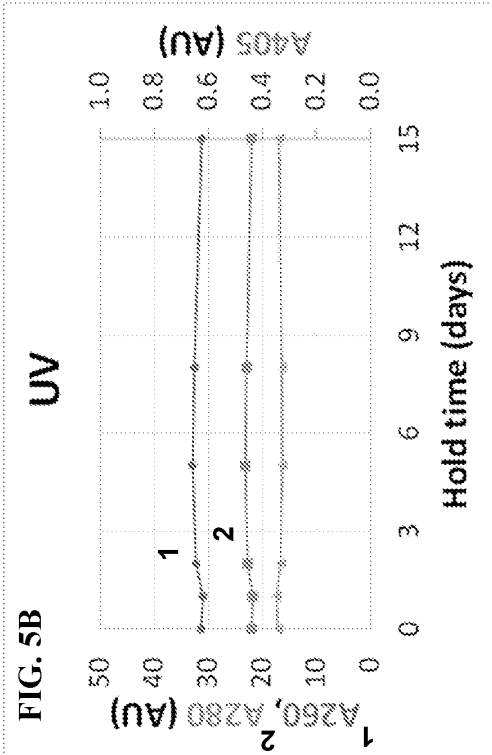
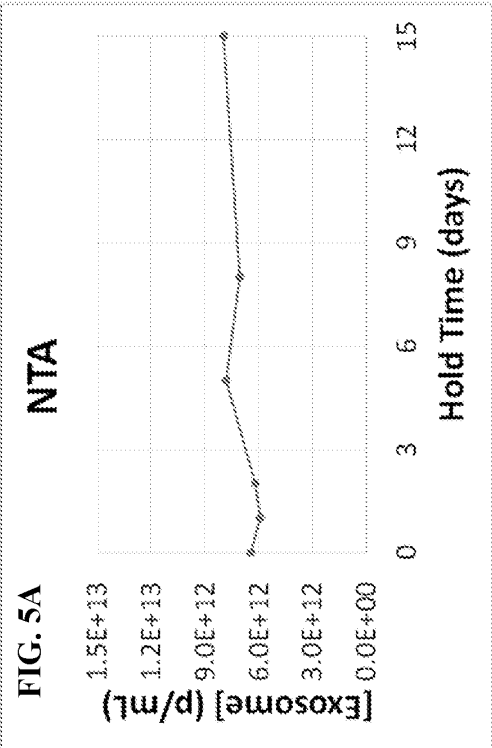


FIG. 6A

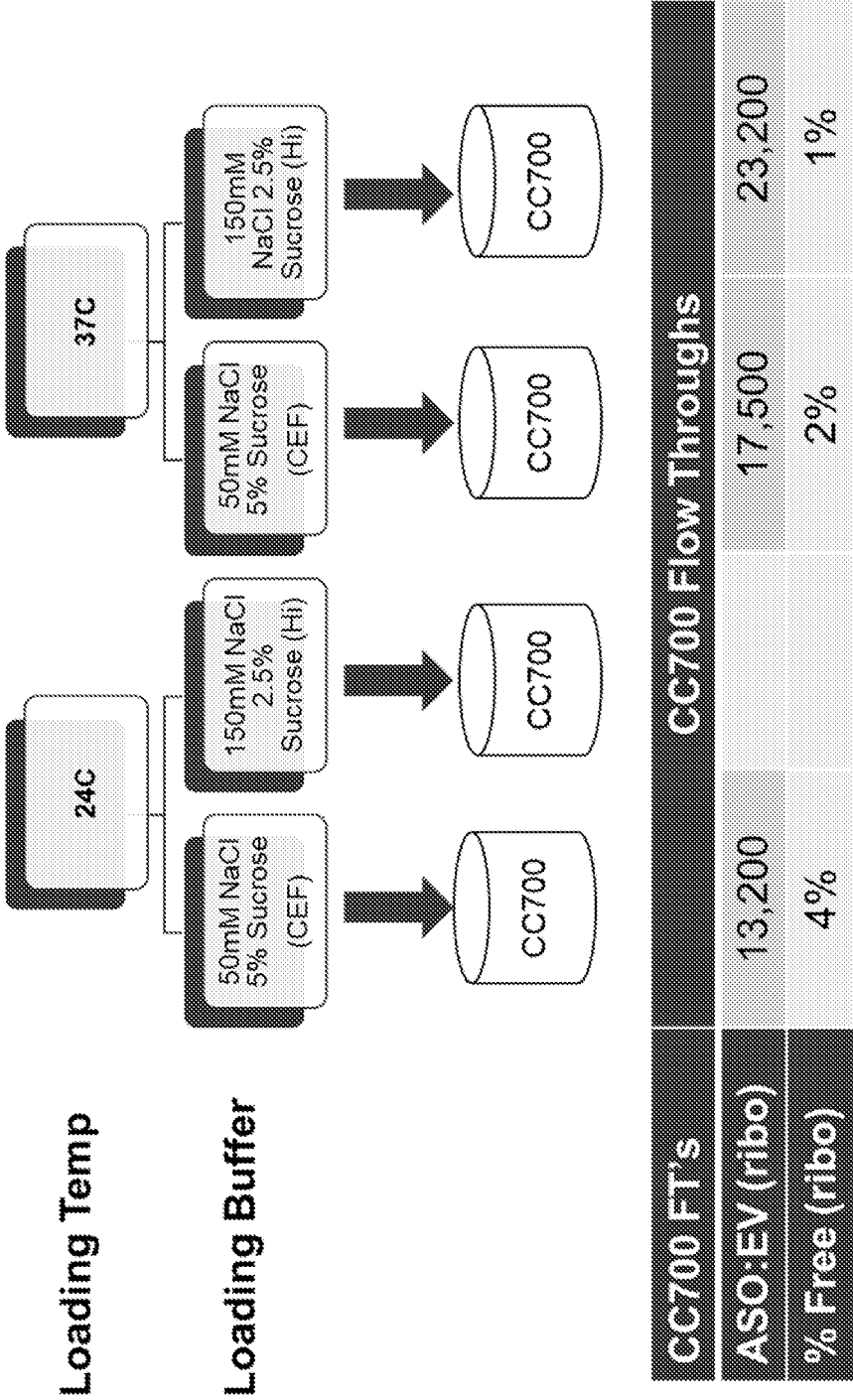
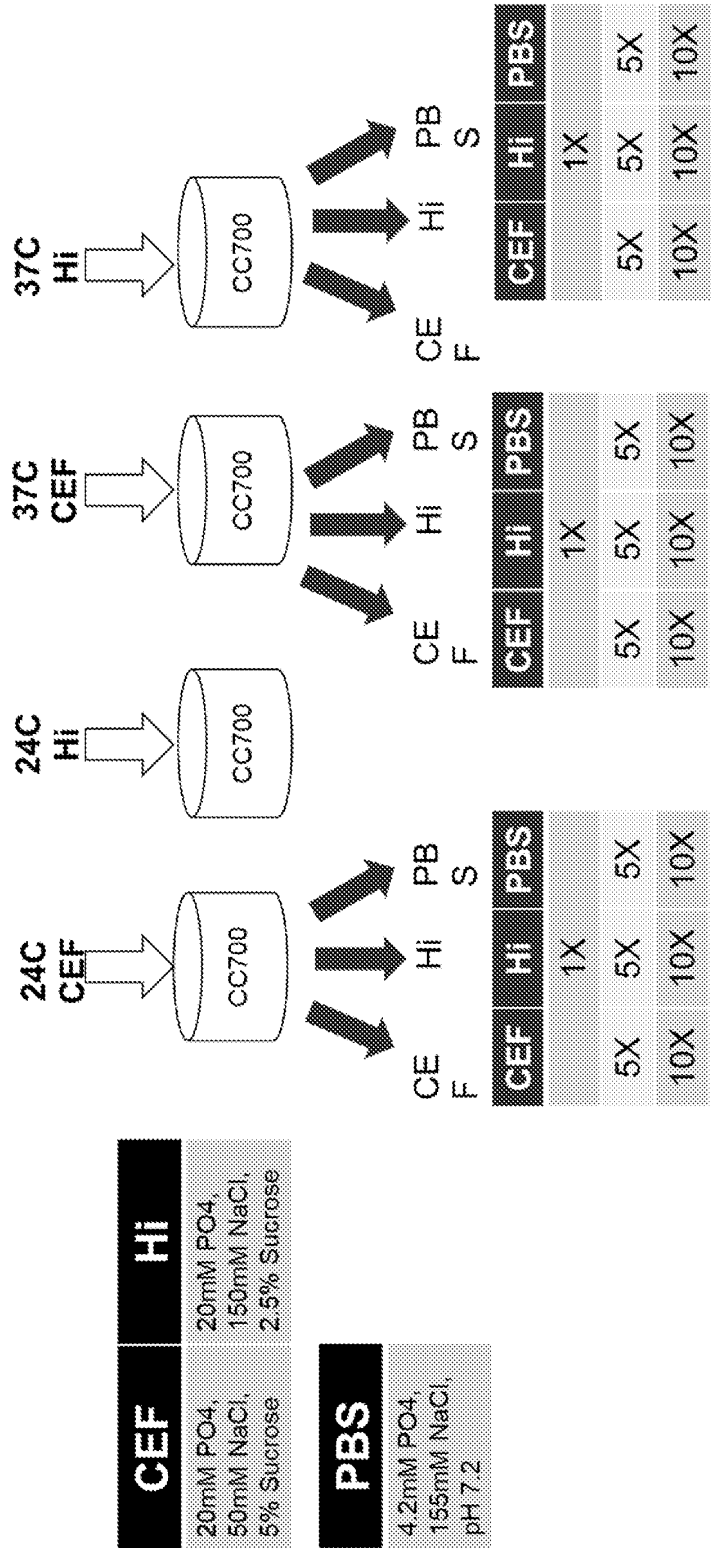


FIG. 6B



T0, T20 hold of diluted material