FIGURE 1

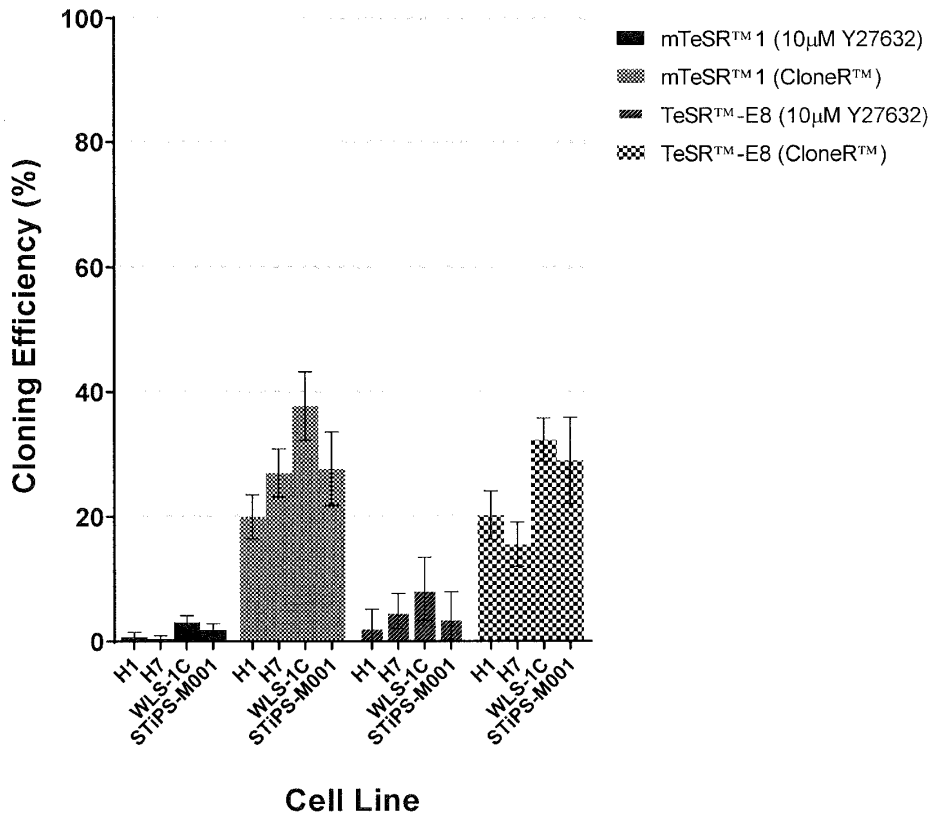

mTeSR™1 (10μM Y27632)
mTeSR™1 (CloneR™)
TeSR™-E8 (10μM Y27632)
TeSR™-E8 (CloneR™)
Cloning Efficiency (%)
100
80
60
40
20
0
H1
H7
WLS-1C
STiPS-M001
Cell Line

FIGURE 2

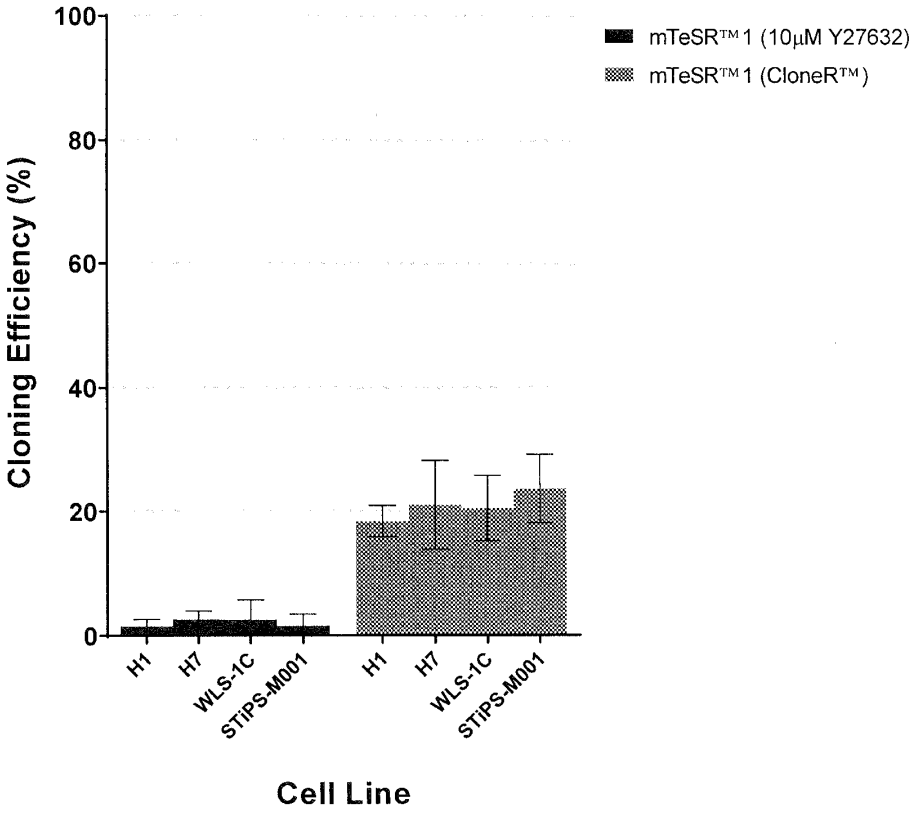

mTeSR™1 (10μM Y27632)
mTeSR™1 (CloneR™)
Cloning Efficiency (%)
100
80
60
40
20
0
H1
H7
WLS-1C
STiPS-M001
H1
H7
WLS-1C
STiPS-M001
Cell Line

FIGURE 3

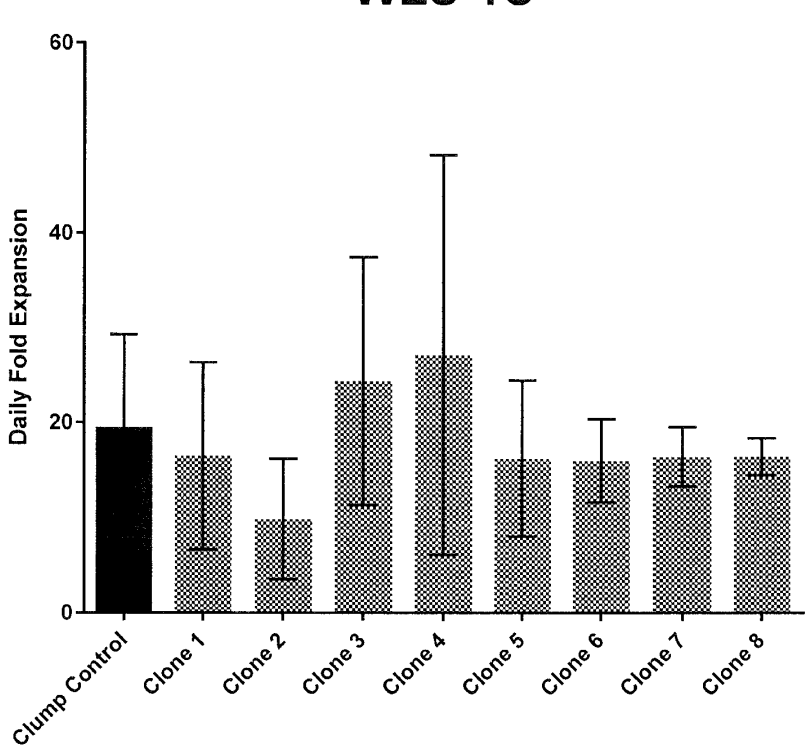

WLS-1C
Daily Fold Expansion
60
40
20
0
Clump Control
Clone 1
Clone 2
Clone 3
Clone 4
Clone 5
Clone 6
Clone 7
Clone 8

FIGURE 4

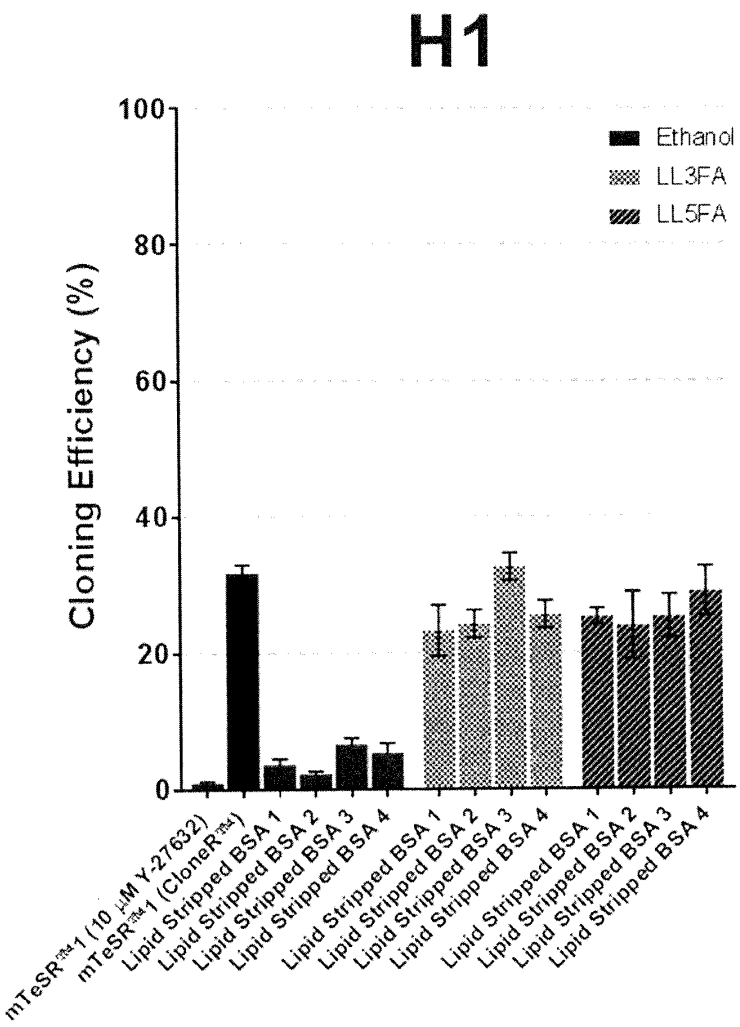

H1
Cloning Efficiency (%)
100
80
60
40
20
0
Ethanol
LL3FA
LL5FA
mTeSR™1 (10 μM Y-27632)
mTeSR™1 (CloneR™)
Lipid Stripped BSA 1
Lipid Stripped BSA 2
Lipid Stripped BSA 3
Lipid Stripped BSA 4
Lipid Stripped BSA 1
Lipid Stripped BSA 2
Lipid Stripped BSA 3
Lipid Stripped BSA 4
Lipid Stripped BSA 1
Lipid Stripped BSA 2
Lipid Stripped BSA 3
Lipid Stripped BSA 4

FIGURE 5

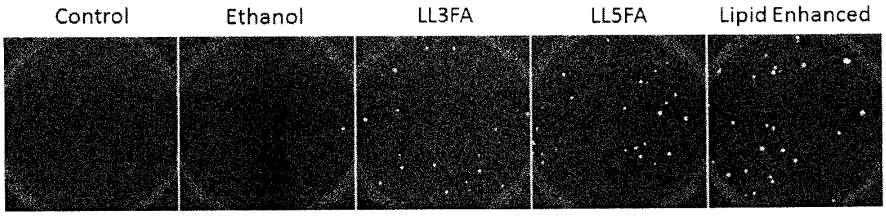


FIGURE 6

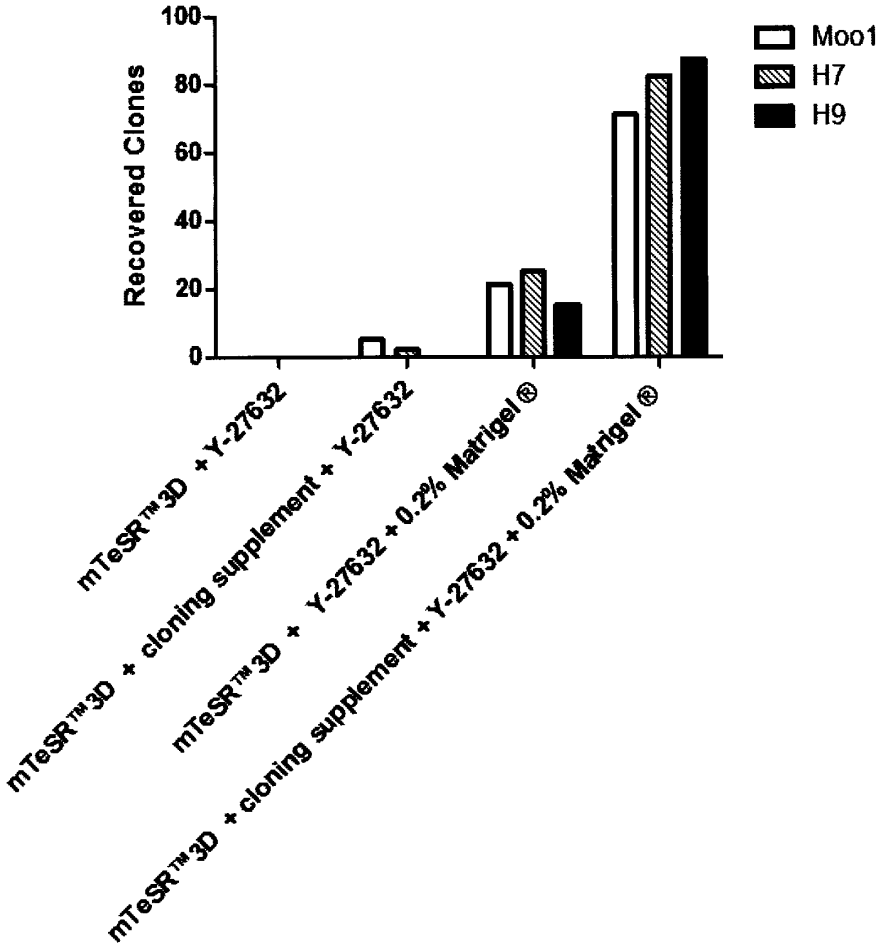

Recovered Clones
100
80
60
40
20
0
Moo1
H7
H9
mTeSR™3D + Y-27632
mTeSR™3D + cloning supplement + Y-27632
mTeSR™3D + Y-27632 + 0.2% Matrigel®
mTeSR™3D + cloning supplement + Y-27632 + 0.2% Matrigel®

FIGURE 7

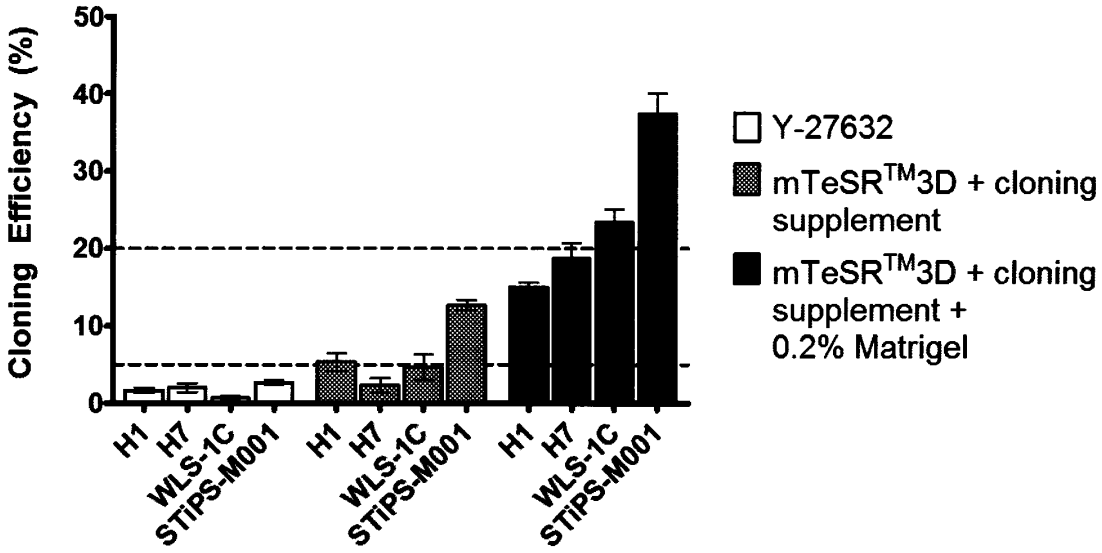

Cloning Efficiency (%)
50
40
30
20
10
0
H1
H7
WLS-1C
STiPS-M001
H1
H7
WLS-1C
STiPS-M001
H1
H7
WLS-1C
STiPS-M001
Y-27632
mTeSR™3D + cloning supplement
mTeSR™3D + cloning supplement + 0.2% Matrigel

FIGURE 8

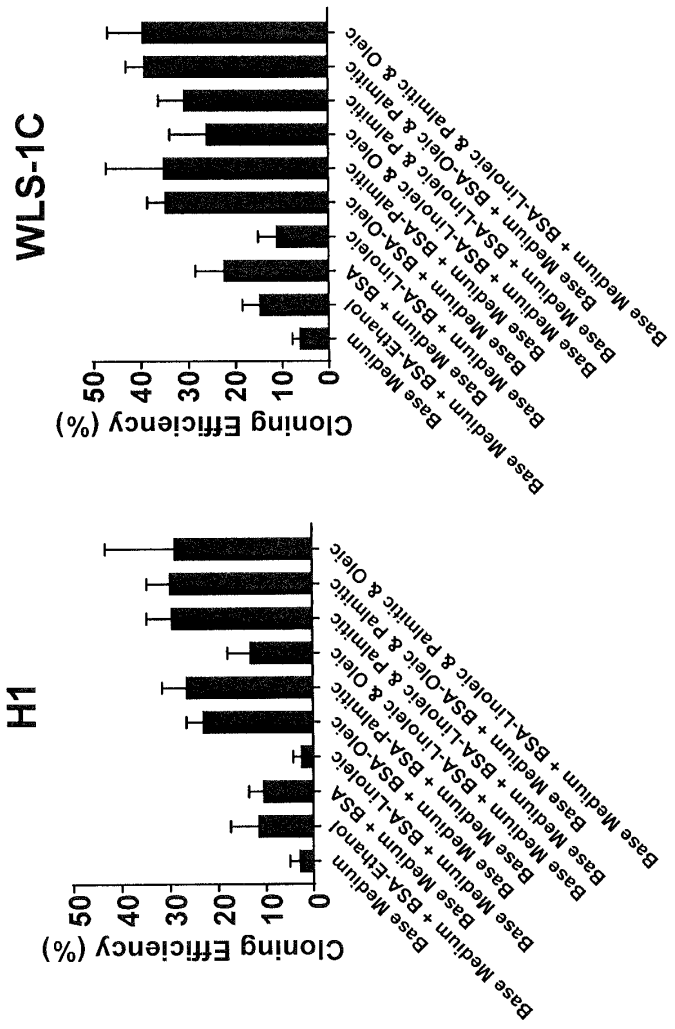

WLS-1C
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium + BSA-Ethanol
Base Medium + BSA
Base Medium + BSA-Linoleic
Base Medium + BSA-Oleic
Base Medium + BSA-Palmitic
Base Medium + BSA-Linoleic & Oleic
Base Medium + BSA-Linoleic & Palmitic
Base Medium + BSA-Oleic & Palmitic
Base Medium + BSA-Linoleic & Palmitic & Oleic
H1
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium + BSA-Ethanol
Base Medium + BSA
Base Medium + BSA-Linoleic
Base Medium + BSA-Oleic
Base Medium + BSA-Palmitic
Base Medium + BSA-Linoleic & Oleic
Base Medium + BSA-Linoleic & Palmitic
Base Medium + BSA-Oleic & Palmitic
Base Medium + BSA-Linoleic & Palmitic & Oleic

FIGURE 9

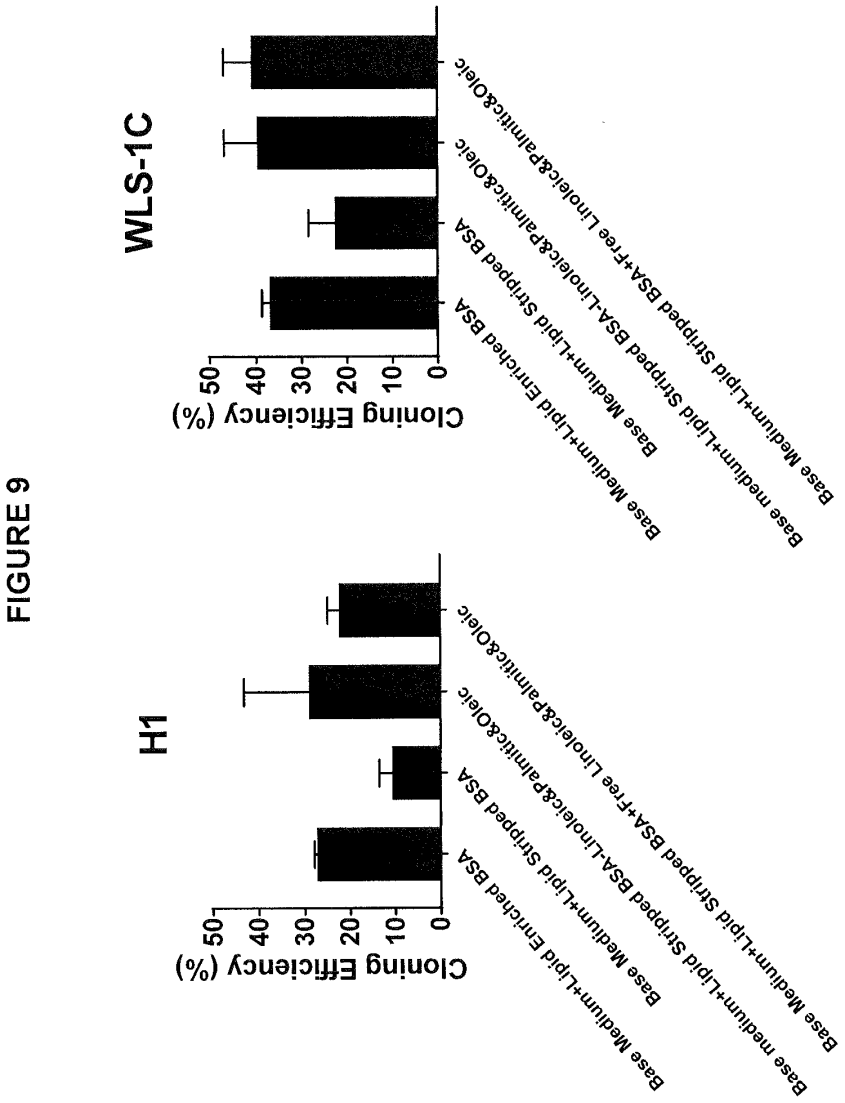

WLS-1C
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium+Lipid Enriched BSA
Base Medium+Lipid Stripped BSA
Base medium+Lipid Stripped BSA-Linoleic&Palmitic&Oleic
Base Medium+Lipid Stripped BSA+Free Linoleic&Palmitic&Oleic
H1
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium+Lipid Enriched BSA
Base Medium+Lipid Stripped BSA
Base medium+Lipid Stripped BSA-Linoleic&Palmitic&Oleic
Base Medium+Lipid Stripped BSA+Free Linoleic&Palmitic&Oleic

FIGURE 10A

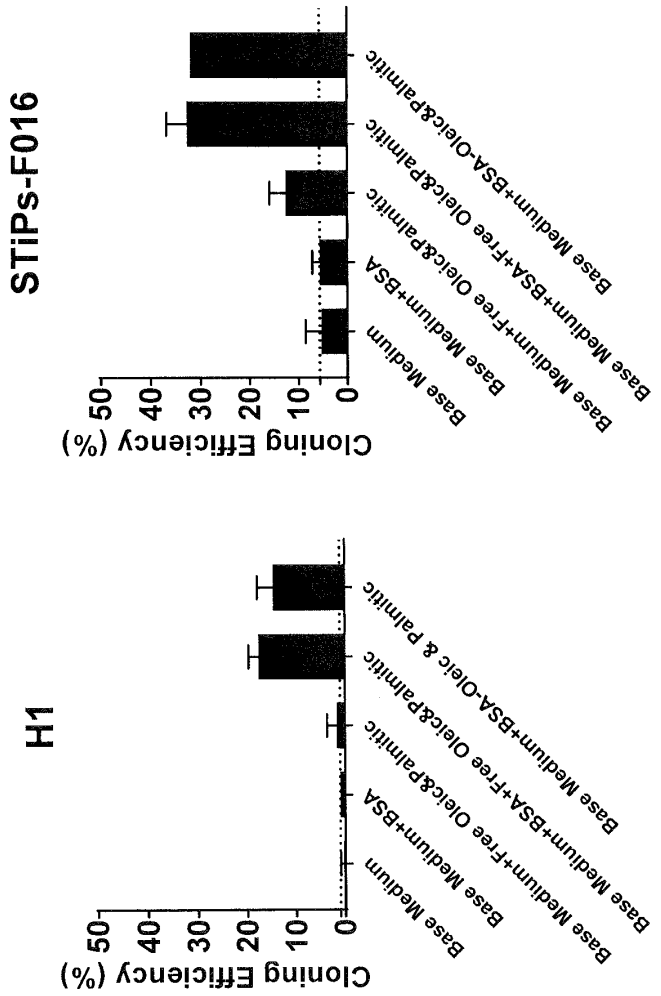

STiPs-F016
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium+BSA
Base Medium+Free Oleic&Palmitic
Base Medium+BSA+Free Oleic&Palmitic
Base Medium+BSA-Oleic&Palmitic
H1
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium+BSA
Base Medium+Free Oleic&Palmitic
Base Medium+BSA+Free Oleic&Palmitic
Base Medium+BSA-Oleic & Palmitic

FIGURE 10B

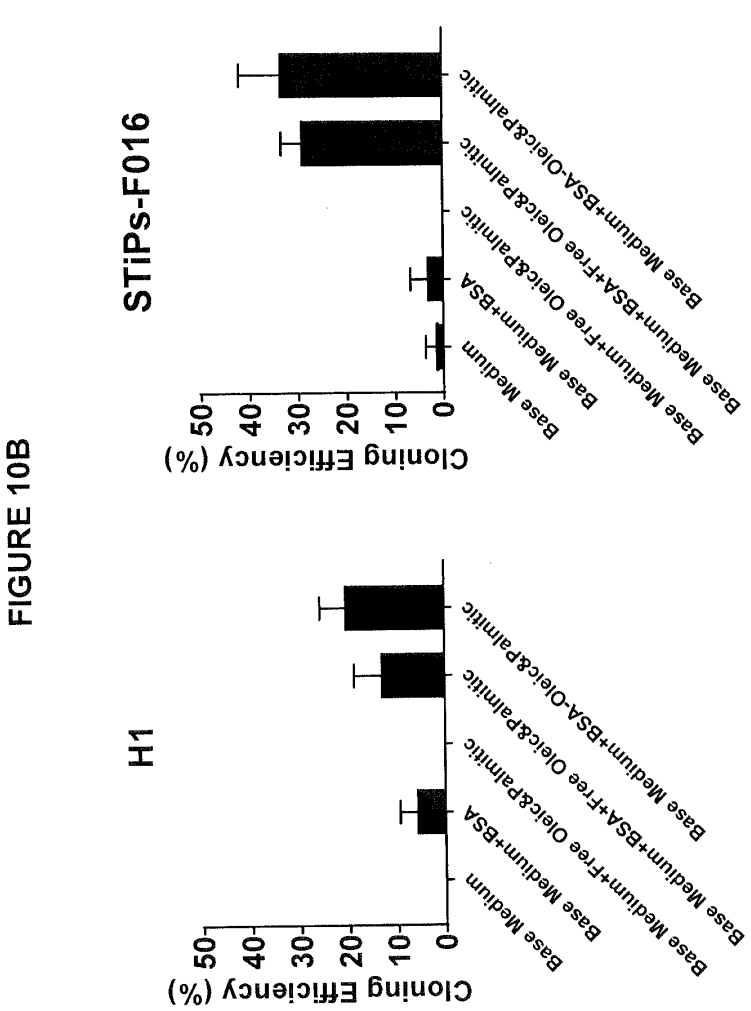

STiPs-F016
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium+BSA
Base Medium+Free Oleic&Palmitic
Base Medium+BSA+Free Oleic&Palmitic
Base Medium+BSA-Oleic&Palmitic
H1
Cloning Efficiency (%)
0
10
20
30
40
50
Base Medium
Base Medium+BSA
Base Medium+Free Oleic&Palmitic
Base Medium+BSA+Free Oleic&Palmitic
Base Medium+BSA-Oleic&Palmitic

FIGURE 11

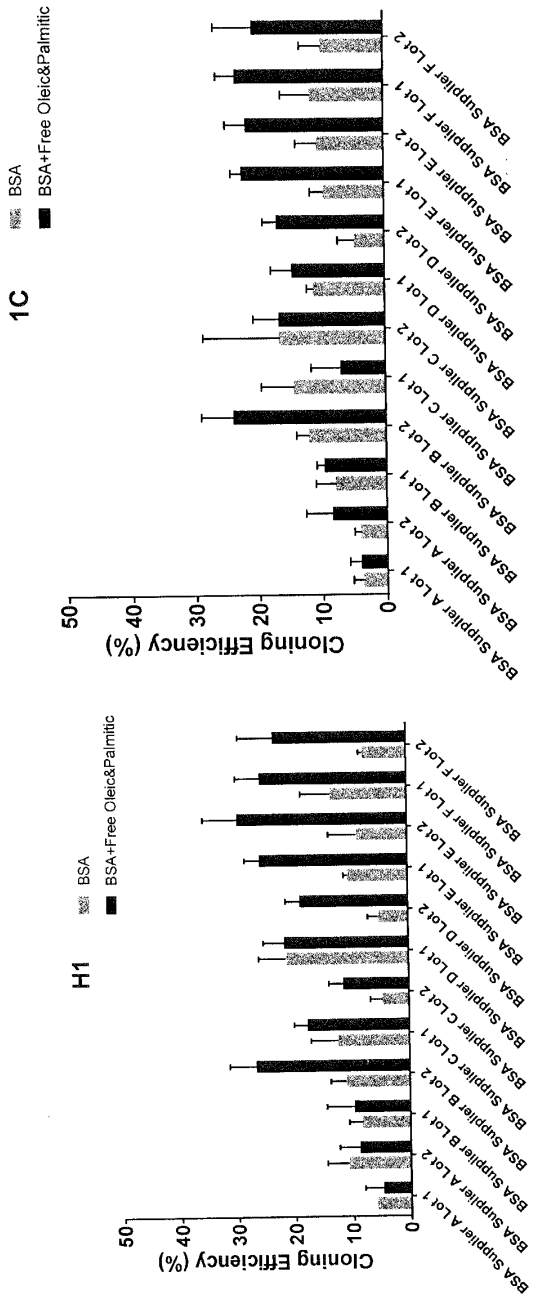

1C
BSA
BSA+Free Oleic&Palmitic
Cloning Efficiency (%)
0
10
20
30
40
50
BSA Supplier A Lot 1
BSA Supplier A Lot 2
BSA Supplier B Lot 1
BSA Supplier B Lot 2
BSA Supplier C Lot 1
BSA Supplier C Lot 2
BSA Supplier D Lot 1
BSA Supplier D Lot 2
BSA Supplier E Lot 1
BSA Supplier E Lot 2
BSA Supplier F Lot 1
BSA Supplier F Lot 2
H1
BSA
BSA+Free Oleic&Palmitic
Cloning Efficiency (%)
0
10
20
30
40
50
BSA Supplier A Lot 1
BSA Supplier A Lot 2
BSA Supplier B Lot 1
BSA Supplier B Lot 2
BSA Supplier C Lot 1
BSA Supplier C Lot 2
BSA Supplier D Lot 1
BSA Supplier D Lot 2
BSA Supplier E Lot 1
BSA Supplier E Lot 2
BSA Supplier F Lot 1
BSA Supplier F Lot 2

FIGURE 12

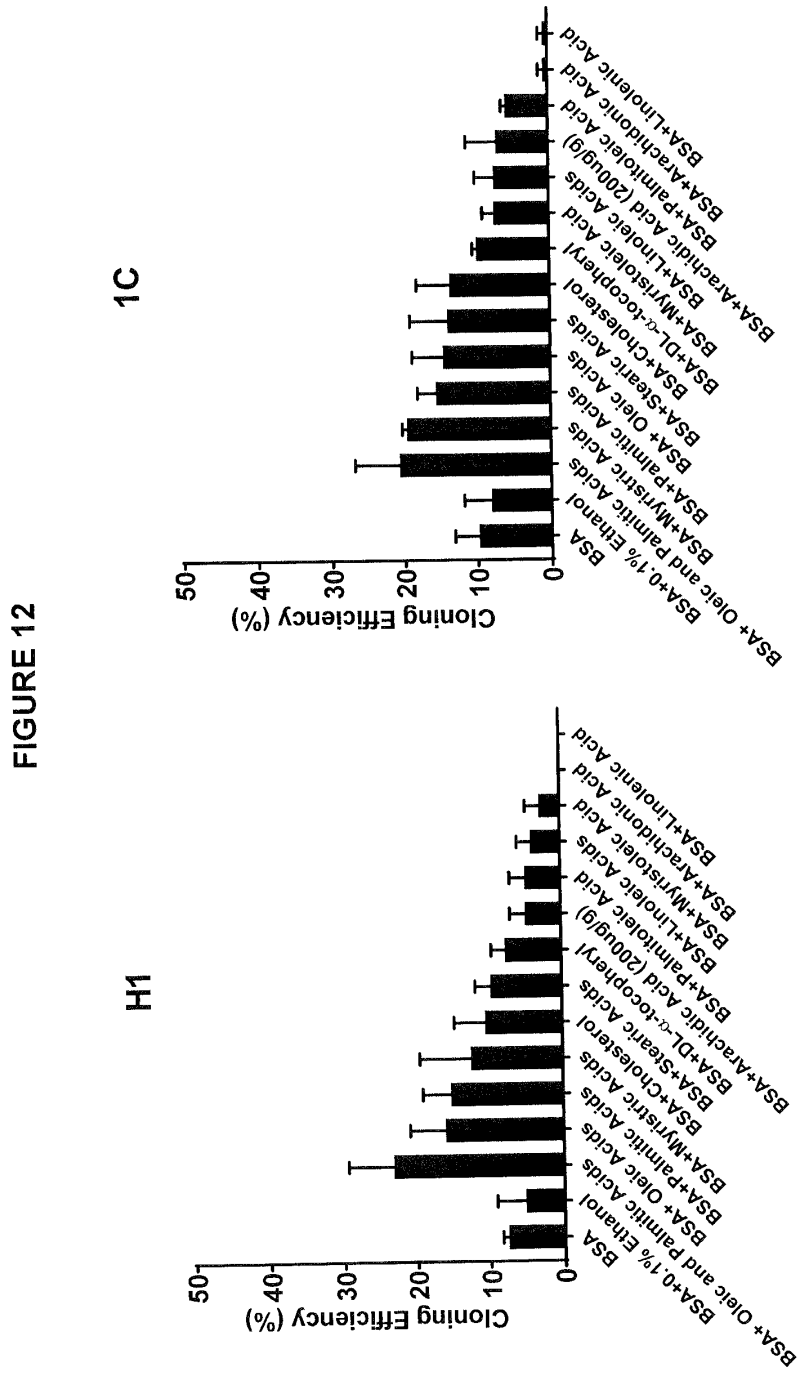
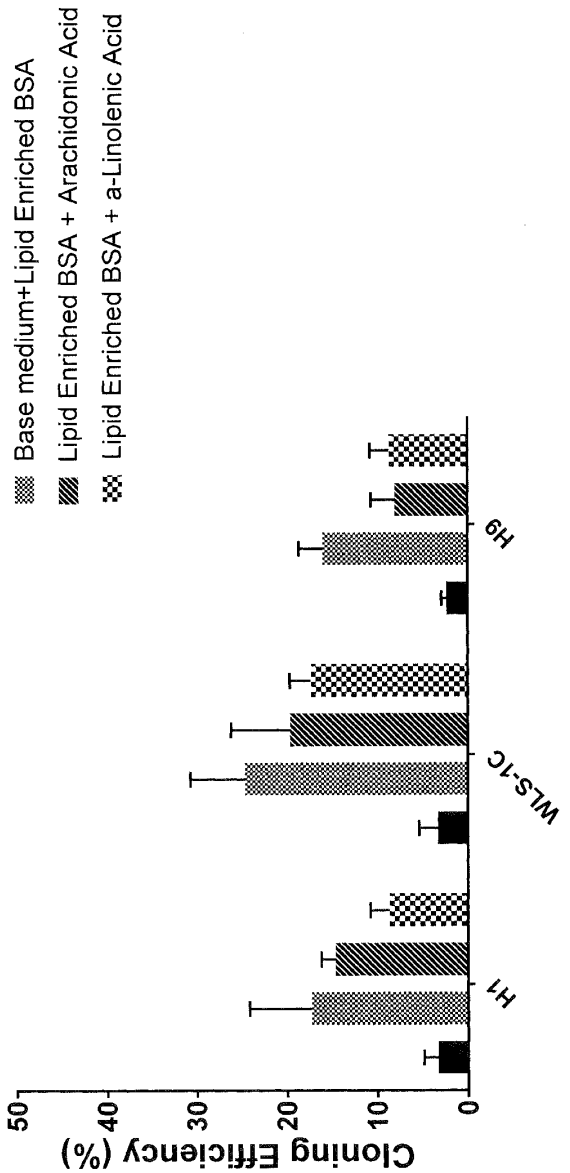

1C
H1
Cloning Efficiency (%)
0
10
20
30
40
50
BSA
BSA+0.1% Ethanol
BSA+ Oleic and Palmitic Acid
BSA+Palmitic Acids
BSA+Myristic Acids
BSA+ Oleic Acids
BSA+Cholesterol
BSA+Stearic Acids
BSA+DL-α-tocopheryl
BSA+Myristoleic Acids
BSA+Linoleic Acid
BSA+Palmitoleic Acid (200ug/g)
BSA+Arachidonic Acid
BSA+Arachidic Acid
BSA+Linolenic Acid

FIGURE 13


Base medium
Base medium+Lipid Enriched BSA
Lipid Enriched BSA + Arachidonic Acid
Lipid Enriched BSA + a-Linolenic Acid
Cloning Efficiency (%)
0
10
20
30
40
50
H1
WLS-1C
H9