

FIG. 1

40 Days after addition

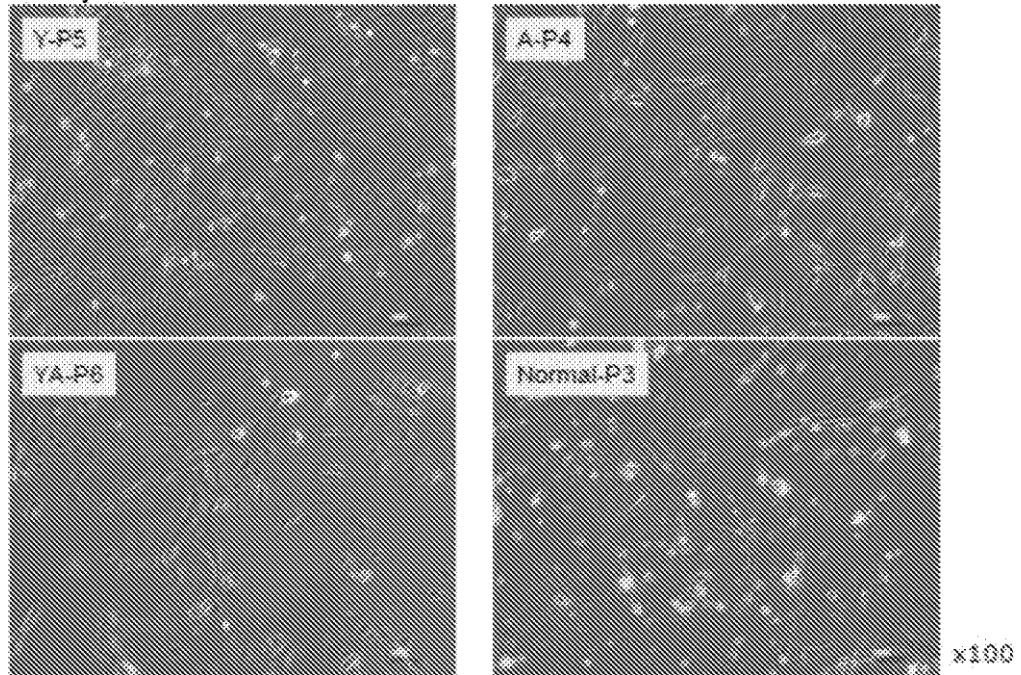
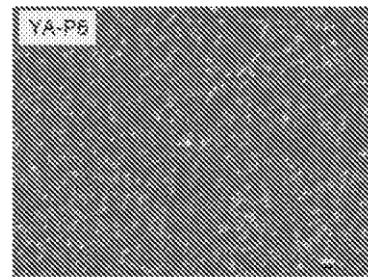
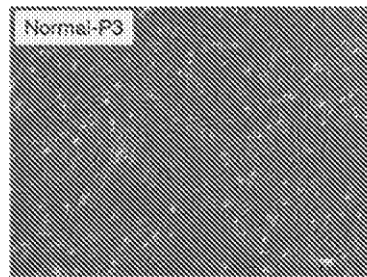
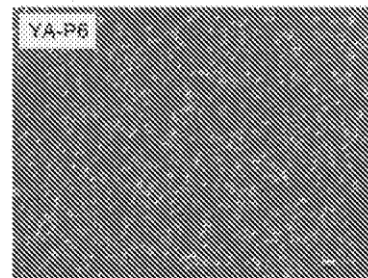
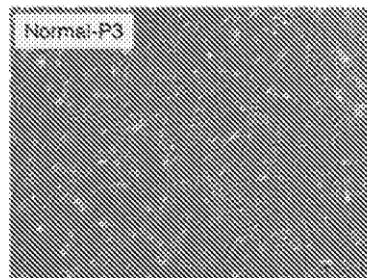


FIG. 2

Before replacement
of medium



2 Days after
replacement of
medium
(serum-free state)



x40

FIG. 3A

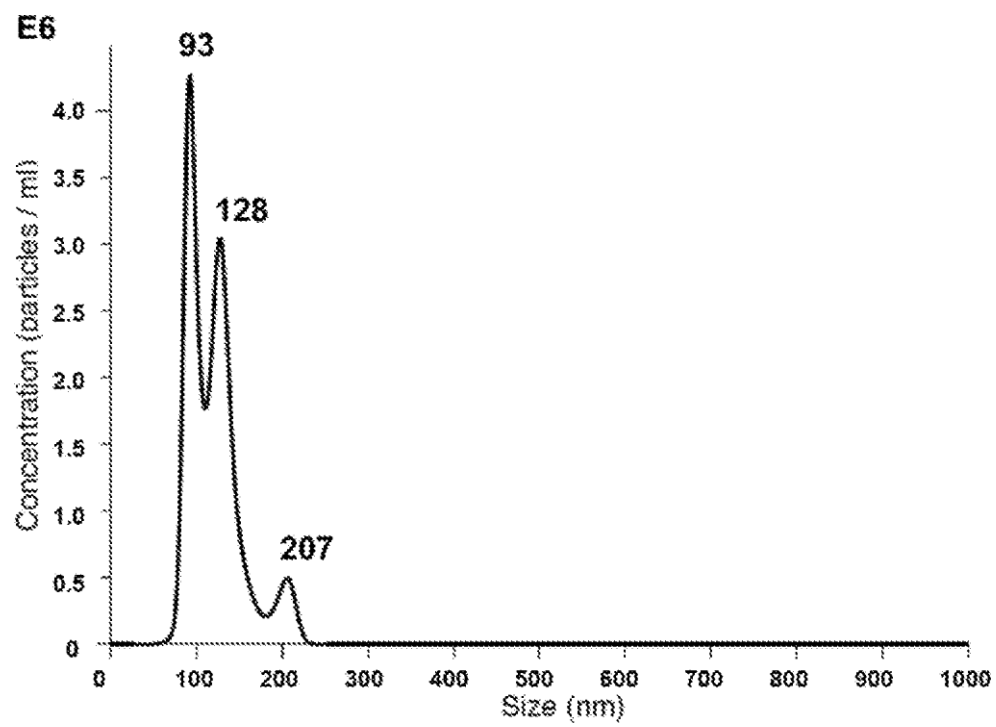


FIG. 3B

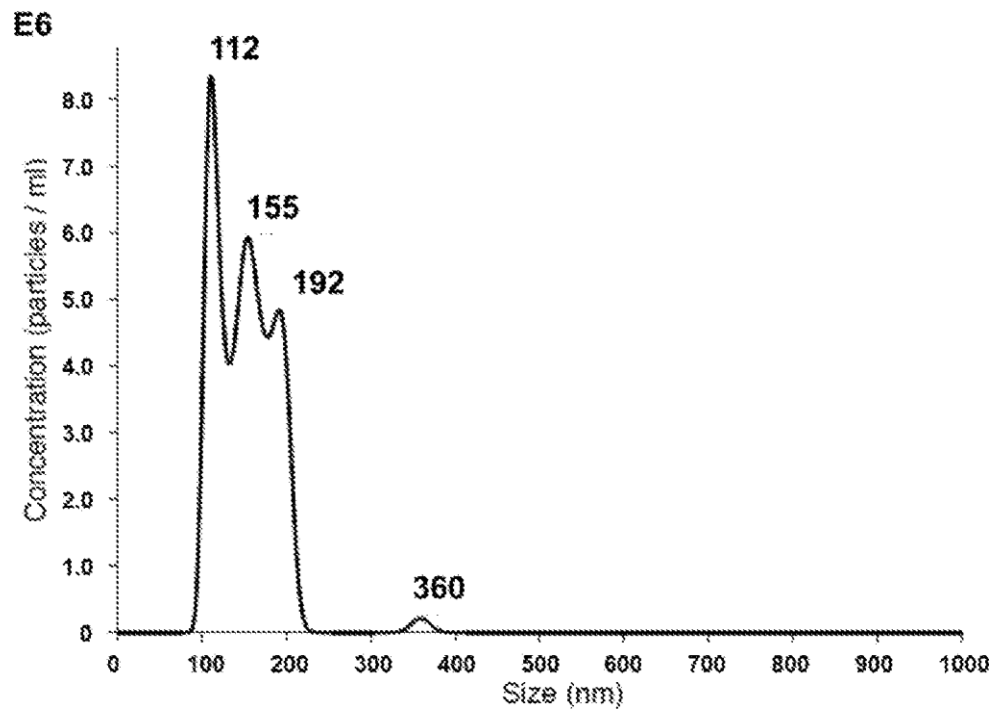


FIG. 4A

Notation	Name	Accession Number	Quantitative Value	Selection Step
ALB	Albumin	P02769	246	b
ANPEP	Aminopeptidase N	P15144	144	b
ANXA2	Annexin A2	P07355	105	bc
VCL	Vinculin	P18206	105	bc
ANXA6	Annexin A6	P08133	99	bc
ACTB	Actin, cytoplasmic 1 cluster	P60709	89	b
TUBB4B	Tubulin β -4B chain	P68371	89	b
MSN	Moesin	P26038	86	bc
ITGB1	Integrin β -1, CD29	P05556	85	bc
UBB	Polyubiquitin-B	P0CG47	84	b
ATP1A1	Sodium/potassium transporting ATPase subunit α -1	P05023	82	bc
MYOF	Myoferlin	Q9NZM1	81	b
ACTA2	Actin α -2, aortic smooth muscle cell	P62736	77	b
FN1	Fibronectin 1	P02751	76	b
MVP	Major vault protein	Q14764	75	b
COL12A1	Collagen α -1 (XII) chain	Q99715	69	b
PKM	Pyruvate kinase M1/2	P14618	69	b
EPHA2	Ephrin type-A receptor 2	P29317	65	bc
TUBB	Tubulin β chain	P07437	64	b
ITGA2	Integrin α -2, CD49b	P17301	62	bc
NT5E	5'-Nucleotidase, CD73	P21589	58	bc
TUBB2A	Tubulin β -2A chain	Q13885	58	b
TUBB2B	Tubulin β -2B chain	Q9BVA1	57	b

FIG. 4B

Notation	Name	Accession Number	Quantitative Value	Selection Step
ATP2B4	Plasma membrane calcium ion transporting ATPase 4	P23634	50	b
HSPG2	Basement membrane-specific heparan sulfate proteoglycan core protein	P98160	50	bc
DPP4	Dipeptidyl peptidase-4, CD26	P27487	48	bc
TUBB3	Tubulin β -3 chain	Q13509	48	b
VIM	Vimentin	P08670	47	bc
ITGA3	Integrin α -3, CD49c	P26006	46	bc
ENO1	α -Enolase	P06733	45	b
IQGAP1	IQ Motif containing GTPase activating protein 1	P46940	44	b
TUBB6	Tubulin β -6 chain	Q9BUF5	44	b
ANXA1	Annexin A1	P04083	42	bc
HSPA8	Heat shock protein family A (HSP70) member 8	P11142	42	b
PDCD6IP	Programmed cell death 6-interacting protein	Q8WUM4	41	b
ANXA11	Annexin A11	P50995	40	c
STOM	Stomatin	P27105	33	c
CNP	2',3'-Cyclic-nucleotide 3'-phosphodiesterase	P09543	28	a
CAPZB	F-Actin-capping protein β subunit	P79136	24	c
ENG	Endoglin, CD105	P17813	24	c
NRP1	Neuropilin 1	O14786	24	c
TNC	Tenascin C	P24821	22	c
UCHL1	Ubiquitin carboxyl-terminal hydrolase isozyme L1	P09936	8.9	a
CTNNA2	α 2 Catenin	P26232	6.5	a
BASP1	Brain acid soluble protein 1	P80723	5.7	a
CHI3L1	Chitinase-3-like protein 1	P36222	4.1	a

FIG. 5

miRNA	Accession_ID	Quantitative Value
hsa-miR-382-5p	MIMAT0000737	10.12
hsa-miR-155-5p	MIMAT0000646	9.99
hsa-miR-379-5p	MIMAT0000733	8.4
hsa-miR-423-5p	MIMAT0004748	6.83
hsa-miR-199a-3p	MIMAT0000232	5.88
hsa-miR-339-5p	MIMAT0000764	5.73
hsa-miR-7-5p	MIMAT0000252	5.64
hsa-miR-485-5p	MIMAT0002175	5.55
hsa-miR-127-5p	MIMAT0004604	5.17
hsa-miR-190a-5p	MIMAT0000458	4.52
hsa-miR-451a	MIMAT0001631	4.32
hsa-miR-299-5p	MIMAT0002890	3.58
hsa-miR-148a-3p	MIMAT0000243	3.46
hsa-miR-337-5p	MIMAT0004695	3.46
hsa-miR-421	MIMAT0003339	3.46
hsa-miR-34c-5p	MIMAT0000686	3.32

FIG. 6

miRNA	Accession_ID	Quantitative Value
hsa-miR-16-5p	MIMAT0000069	11.35
hsa-miR-382-5p	MIMAT0000737	10.12
hsa-miR-93-5p	MIMAT0000093	9.24
hsa-miR-151a-3p	MIMAT0000757	8.68
hsa-miR-31-5p	MIMAT0000089	8.19
hsa-miR-222-3p	MIMAT0000279	8.12
hsa-miR-381-3p	MIMAT0000736	7.70
hsa-miR-128-3p	MIMAT0000424	7.58
hsa-miR-328-3p	MIMAT0000752	6.85
hsa-miR-142-3p	MIMAT0000434	6.69
hsa-miR-423-3p	MIMAT0001340	5.93
hsa-miR-101-3p	MIMAT0000099	5.88
hsa-miR-1276	MIMAT0005930	4.86
hsa-miR-186-5p	MIMAT0000456	4.86
hsa-miR-324-5p	MIMAT0000761	4.64
hsa-miR-323a-3p	MIMAT0000755	4.58
hsa-miR-20a-5p	MIMAT0000075	4.46
hsa-miR-1260b	MIMAT0015041	4.39
hsa-miR-142-5p	MIMAT0000433	4.32
hsa-miR-195-5p	MIMAT0000461	3.81
hsa-miR-17-5p	MIMAT0000070	3.70
hsa-miR-532-5p	MIMAT0002888	3.70
hsa-miR-185-5p	MIMAT0000455	3.32

FIG. 7

miRNA	Accession_ID	Quantitative Value
hsa-miR-16-5p	MIMAT0000069	11.35
hsa-miR-382-5p	MIMAT0000737	10.12
hsa-miR-29a-3p	MIMAT0000086	9.76
hsa-miR-9-5p	MIMAT0000441	9.61
hsa-miR-26b-5p	MIMAT0000083	8.22
hsa-miR-24-3p	MIMAT0000080	7.75
hsa-miR-128-3p	MIMAT0000424	7.58
hsa-miR-328-3p	MIMAT0000752	6.85
hsa-miR-107	MIMAT0000104	6.58
hsa-miR-27a-3p	MIMAT0000084	6.30
hsa-miR-29c-3p	MIMAT0000681	6.15
hsa-miR-29b-3p	MIMAT0000100	5.88
hsa-miR-339-5p	MIMAT0000764	5.73
hsa-miR-7-5p	MIMAT0000252	5.64
hsa-miR-140-3p	MIMAT0004597	5.39
hsa-miR-124-3p	MIMAT0000422	4.00
hsa-miR-195-5p	MIMAT0000461	3.81
hsa-miR-17-5p	MIMAT0000070	3.70
hsa-miR-532-5p	MIMAT0002888	3.70
hsa-miR-421	MIMAT0003339	3.46

FIG. 8

miRNA	Accession_ID	Quantitative Value
hsa-let-7a-5p	MIMAT0000062	13.74
hsa-miR-21-5p	MIMAT0000076	10.58
hsa-miR-34a-5p	MIMAT0000255	8.93
hsa-miR-92a-3p	MIMAT0000092	8.37
hsa-miR-31-5p	MIMAT0000089	8.19
hsa-miR-25-3p	MIMAT0000081	8.15
hsa-miR-24-3p	MIMAT0000080	7.75
hsa-miR-30a-3p	MIMAT0000088	7.25
hsa-miR-27a-3p	MIMAT0000084	6.30
hsa-miR-218-5p	MIMAT0000275	6.17
hsa-miR-101-3p	MIMAT0000099	5.88
hsa-miR-152-3p	MIMAT0000438	5.81
hsa-miR-7-5p	MIMAT0000252	5.64
hsa-miR-485-5p	MIMAT0002175	5.55
hsa-miR-204-5p	MIMAT0000265	5.29
hsa-miR-361-5p	MIMAT0000703	5.29
hsa-miR-338-3p	MIMAT0000763	5.25
hsa-miR-22-3p	MIMAT0000077	5.25
hsa-miR-494-3p	MIMAT0002816	4.70
hsa-miR-142-5p	MIMAT0000433	4.32
hsa-miR-124-3p	MIMAT0000422	4.00
hsa-miR-1-3p	MIMAT0000416	3.91
hsa-miR-137	MIMAT0000429	3.91
hsa-miR-149-3p	MIMAT0004609	3.91
hsa-miR-421	MIMAT0003339	3.46
hsa-miR-148a-3p	MIMAT0000243	3.46
hsa-miR-185-5p	MIMAT0000455	3.32

FIG. 9

miRNA	Accession_ID	Quantitative Value
hsa-miR-16-5p	MIMAT0000069	11.35
hsa-miR-409-3p	MIMAT0001639	10.73
hsa-miR-155-5p	MIMAT0000646	9.99
hsa-miR-29a-3p	MIMAT0000086	9.76
hsa-miR-9-5p	MIMAT0000441	9.61
hsa-miR-92a-3p	MIMAT0000092	8.37
hsa-miR-26a-5p	MIMAT0000082	8.37
hsa-miR-26b-5p	MIMAT0000083	8.22
hsa-miR-24-3p	MIMAT0000080	7.75
hsa-miR-128-3p	MIMAT0000424	7.58
hsa-miR-23a-3p	MIMAT0000078	7.57
hsa-miR-27a-3p	MIMAT0000084	6.30
hsa-miR-425-5p	MIMAT0003393	6.23
hsa-let-7b-3p	MIMAT0004482	6.21
hsa-miR-218-5p	MIMAT0000275	6.17
hsa-miR-101-3p	MIMAT0000099	5.88
hsa-miR-29b-3p	MIMAT0000100	5.88
hsa-miR-150-5p	MIMAT0000451	4.39
hsa-miR-142-5p	MIMAT0000433	4.32
hsa-miR-409-5p	MIMAT0001638	4.25
hsa-miR-124-3p	MIMAT0000422	4.00
hsa-miR-137	MIMAT0000429	3.91
hsa-miR-195-5p	MIMAT0000461	3.81
hsa-miR-132-3p	MIMAT0000426	3.46

FIG. 10

miRNA	Accession_ID	Quantitative Value
hsa-let-7a-5p	MIMAT0000062	13.74
hsa-let-7f-5p	MIMAT0000067	11.84
hsa-miR-103a-3p	MIMAT0000101	8.48
hsa-miR-26a-5p	MIMAT0000082	8.37
hsa-let-7d-5p	MIMAT0000065	7.85
hsa-miR-654-3p	MIMAT0004814	7.00
hsa-miR-107	MIMAT0000104	6.58
hsa-miR-320a	MIMAT0000510	5.46
hsa-miR-335-5p	MIMAT0000765	5.36
hsa-miR-1915-3p	MIMAT0007892	4.39
hsa-miR-451a	MIMAT0001631	4.32
hsa-miR-532-5p	MIMAT0002888	3.70
hsa-miR-185-5p	MIMAT0000455	3.32