

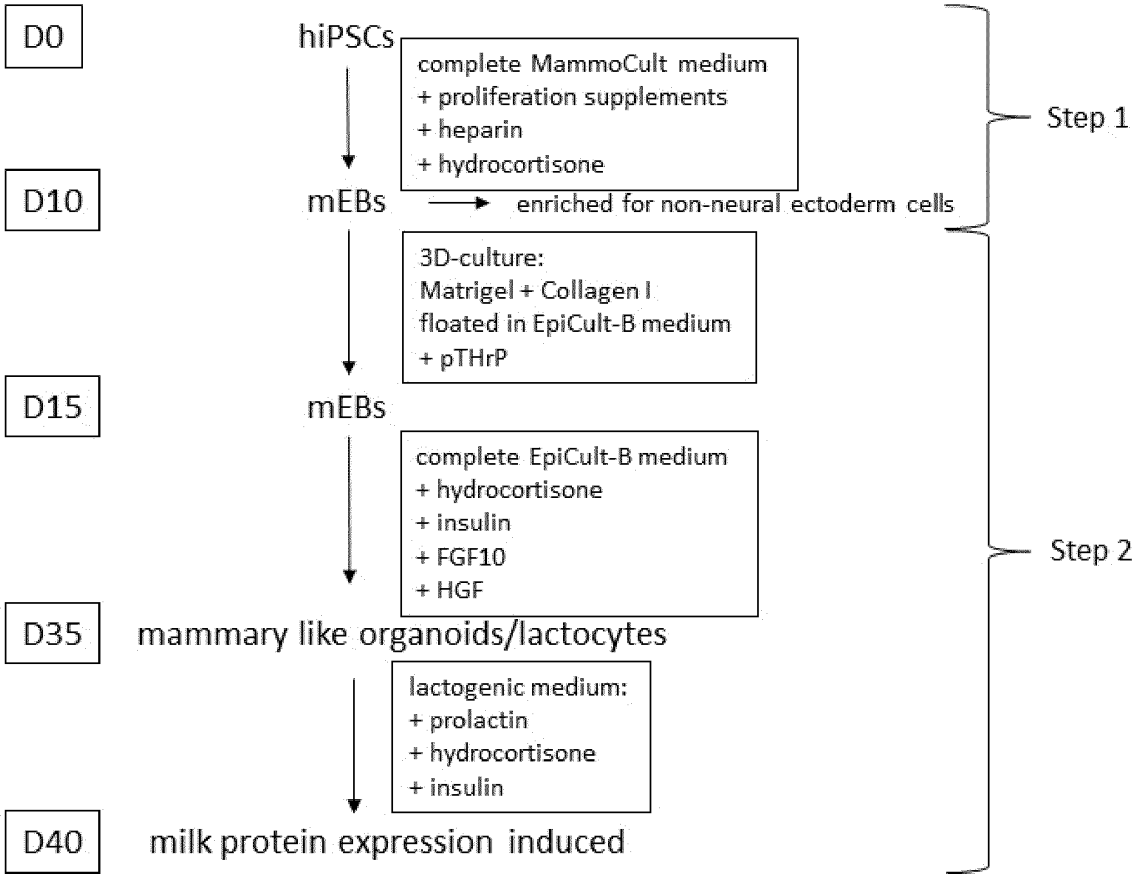


Figure 1

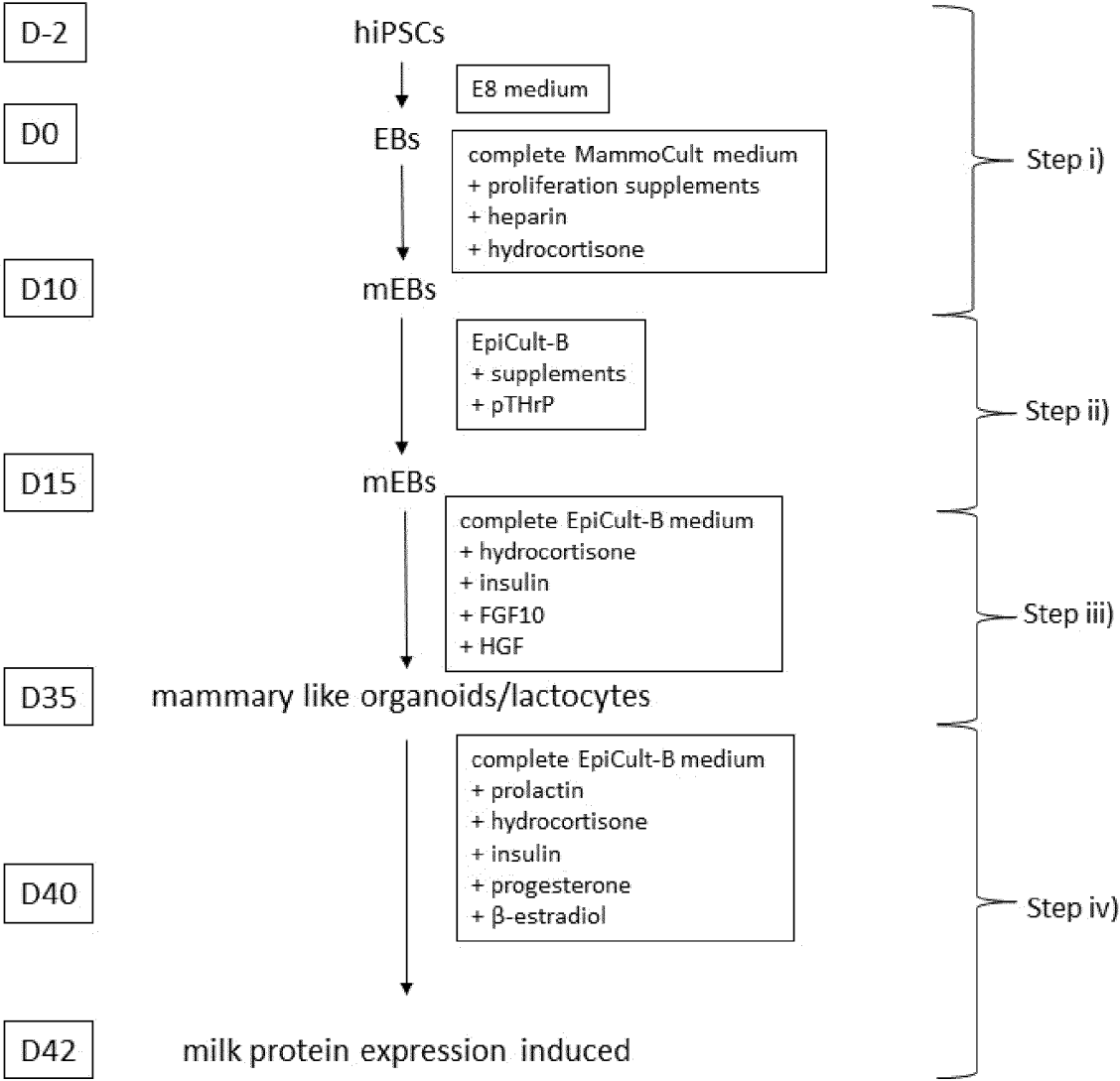


Figure 2

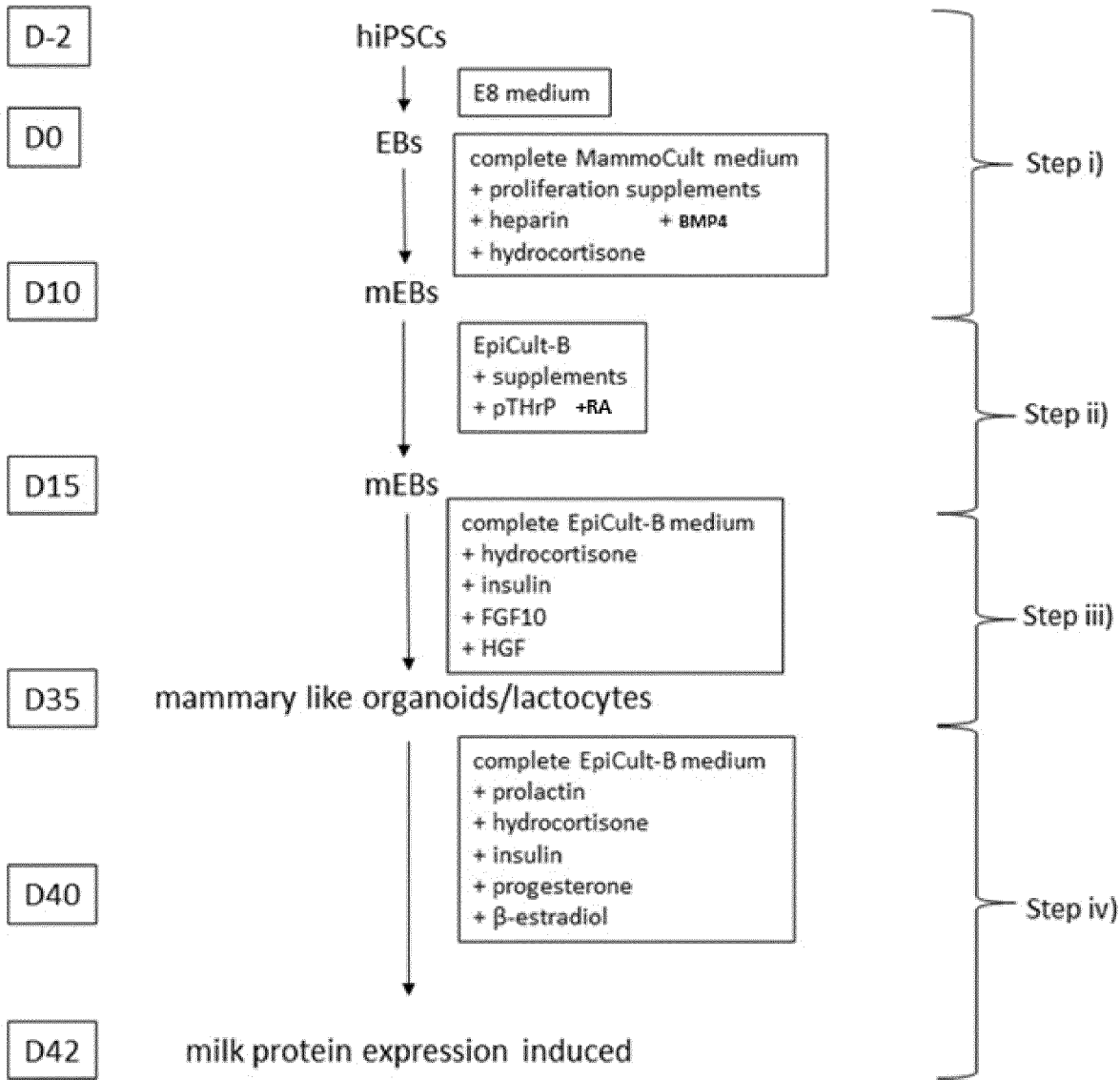


Figure 3

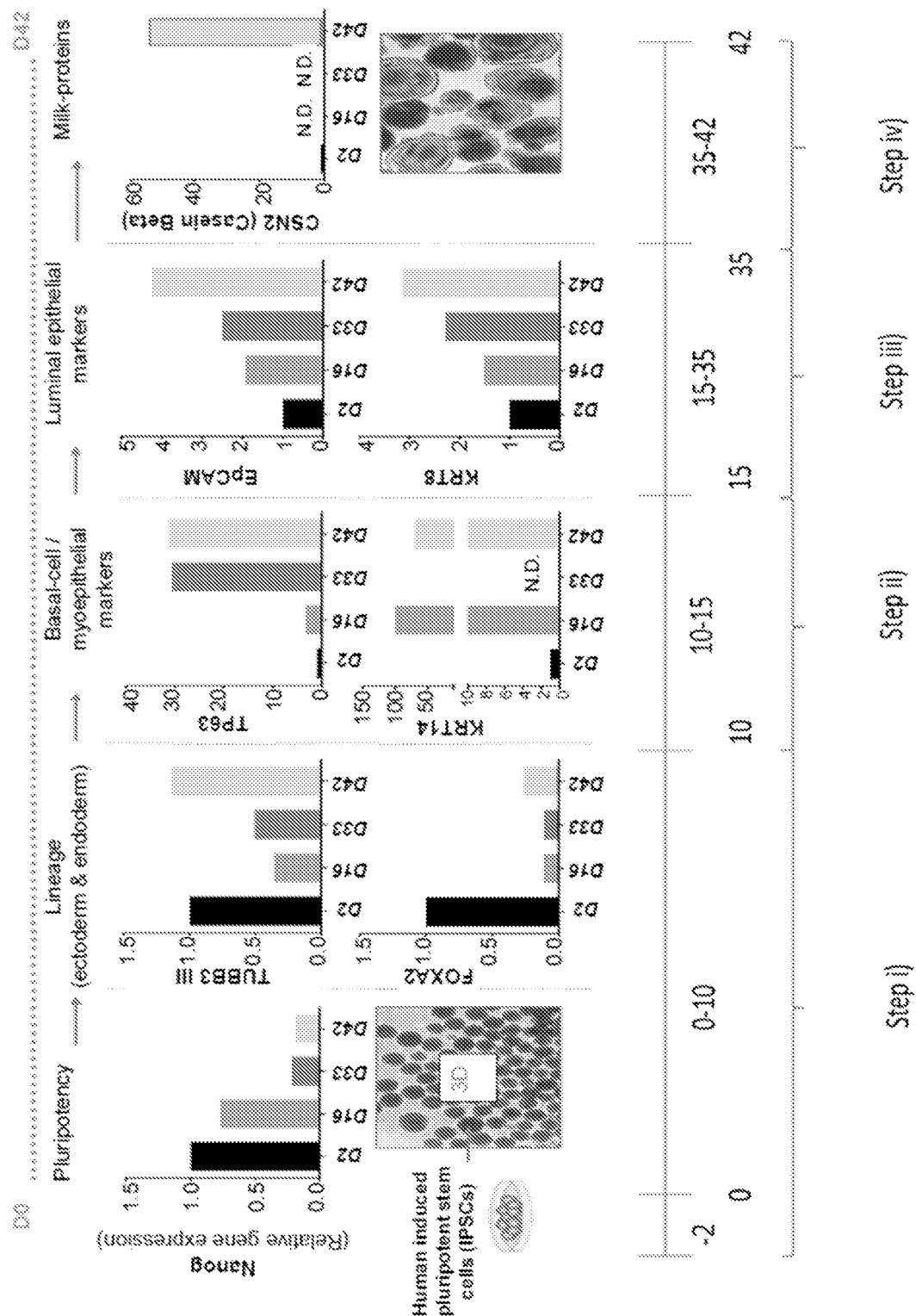


Figure 4

5/15

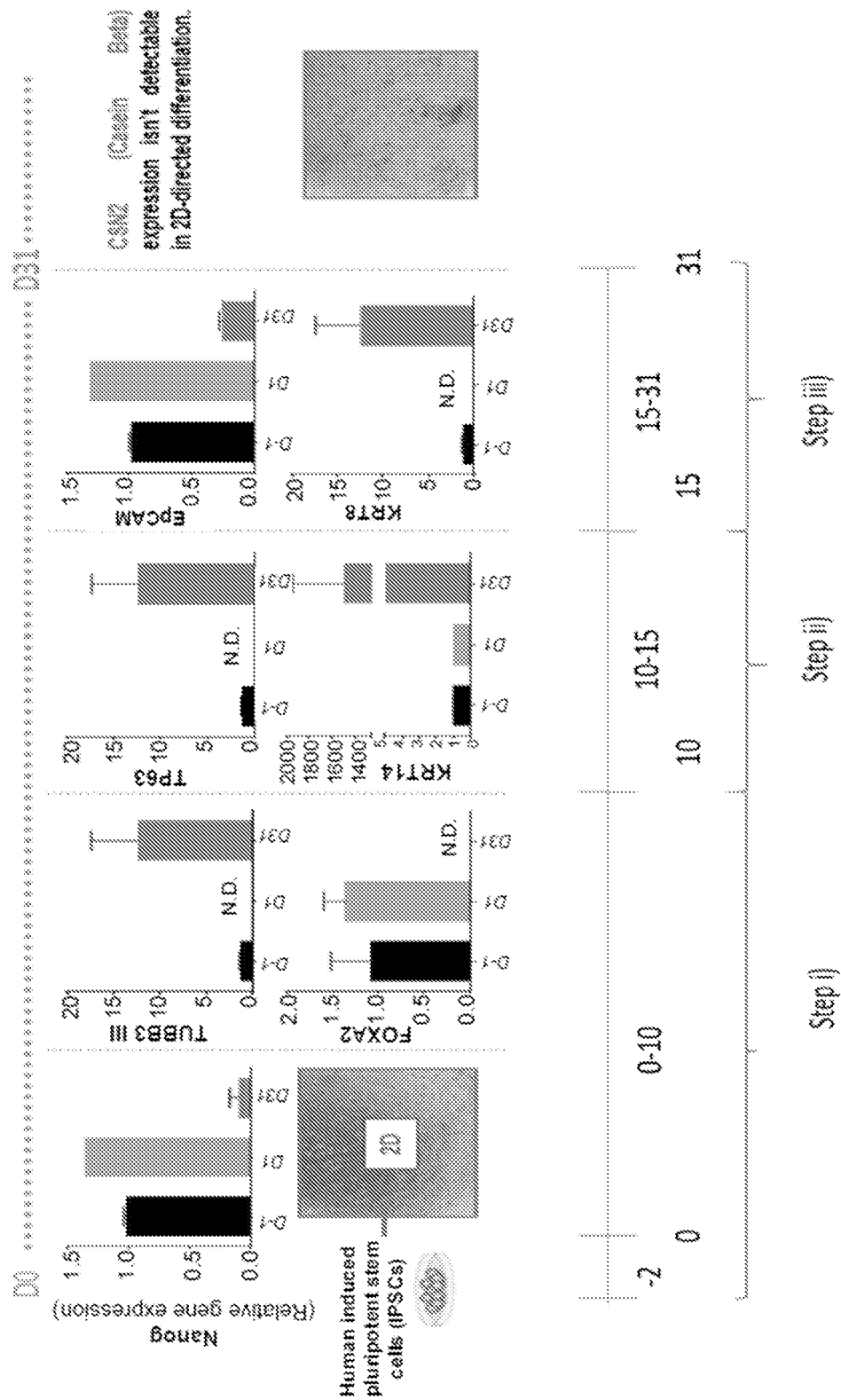


Figure 5

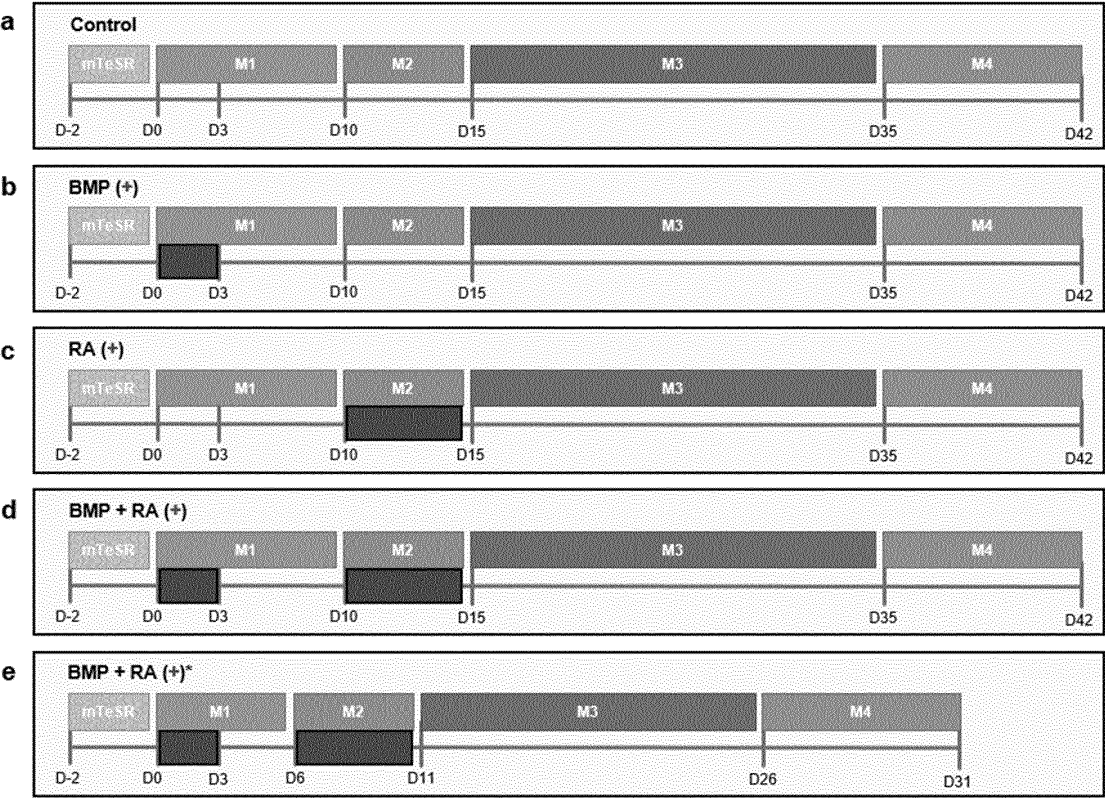


Figure 6

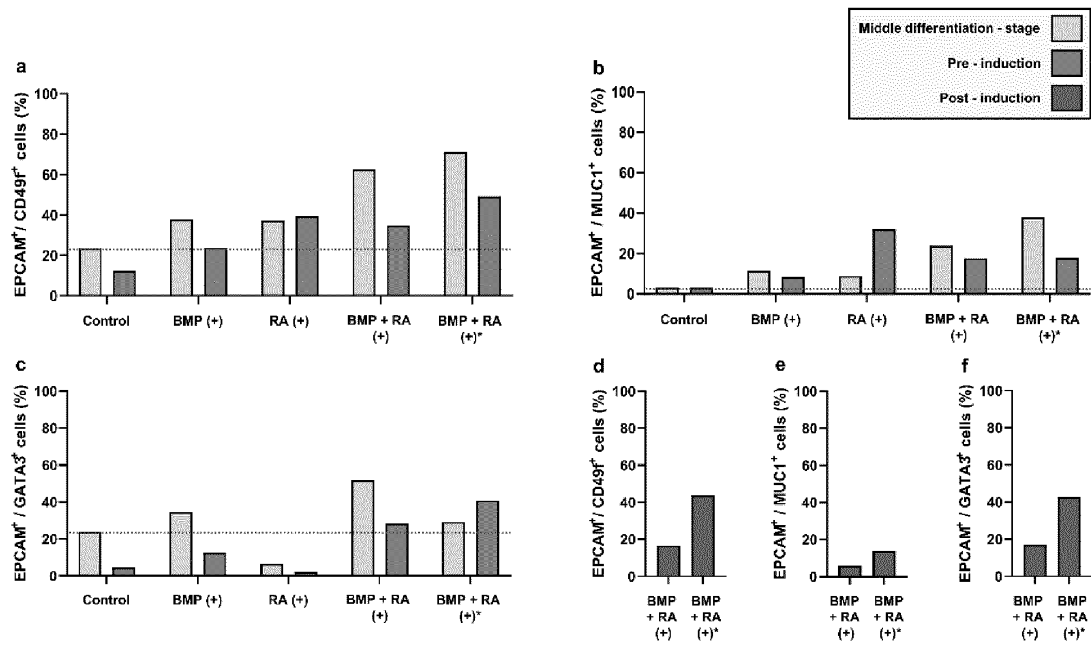


Figure 7

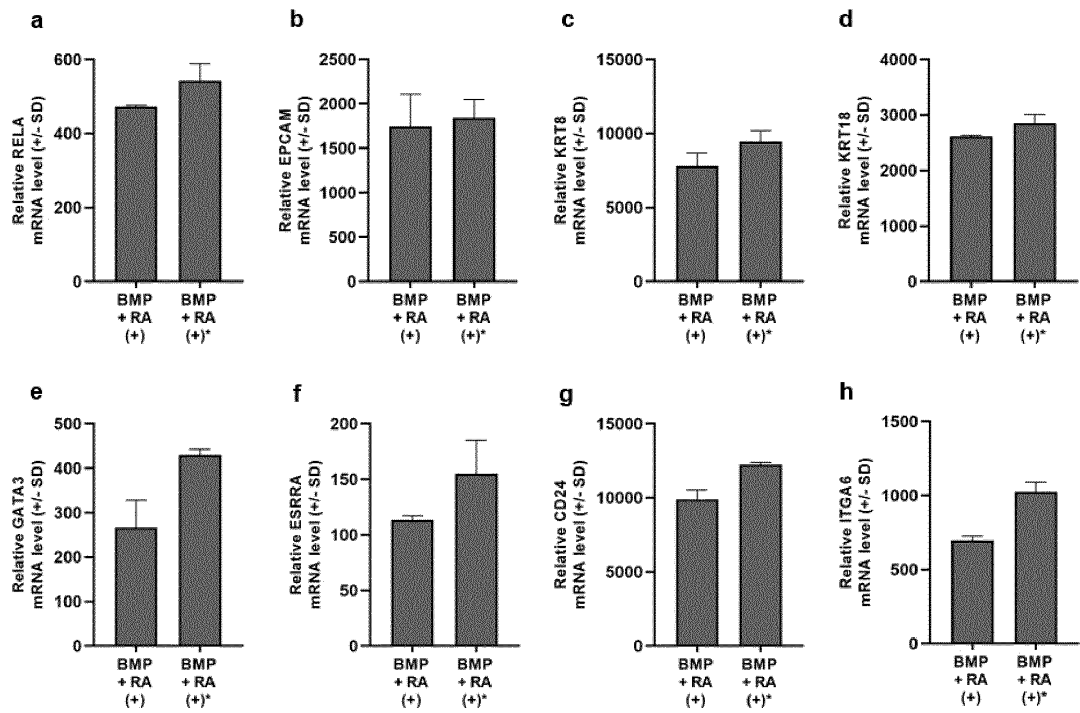


Figure 8

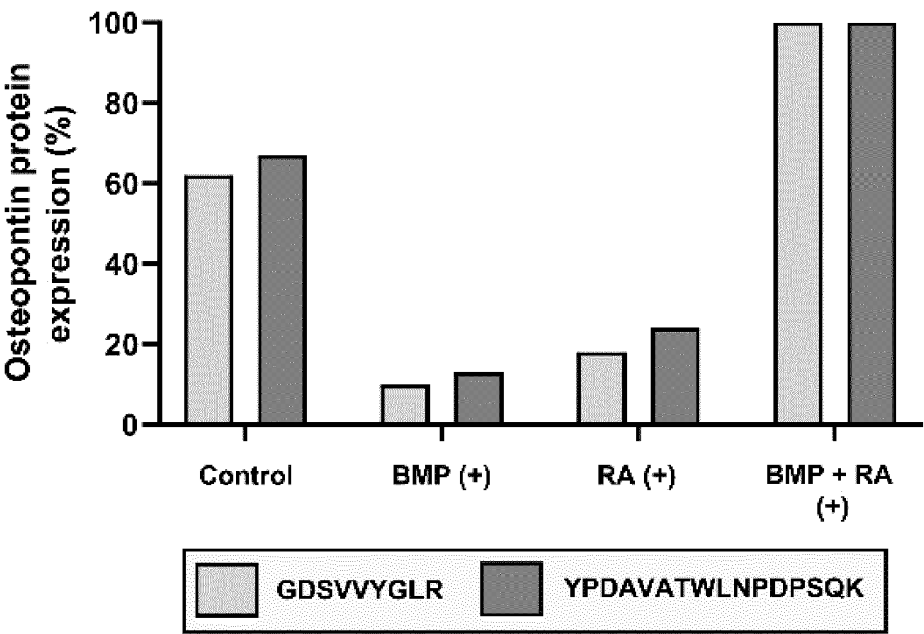


Figure 9

10/15

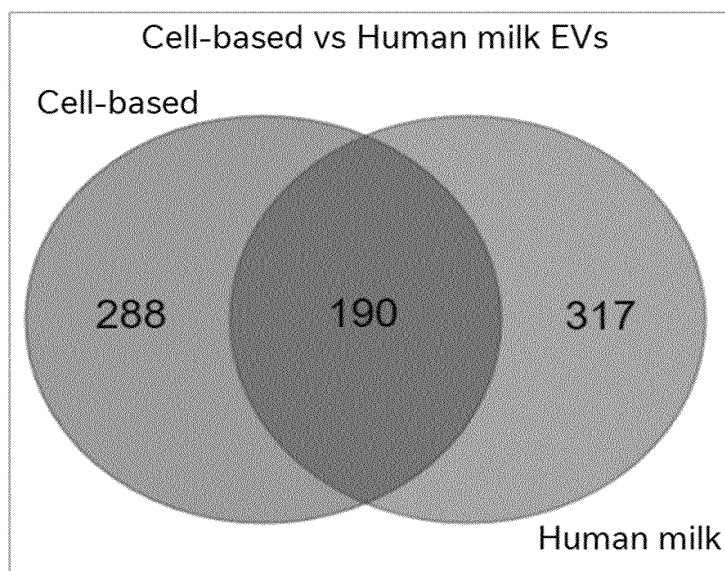


Figure 10a

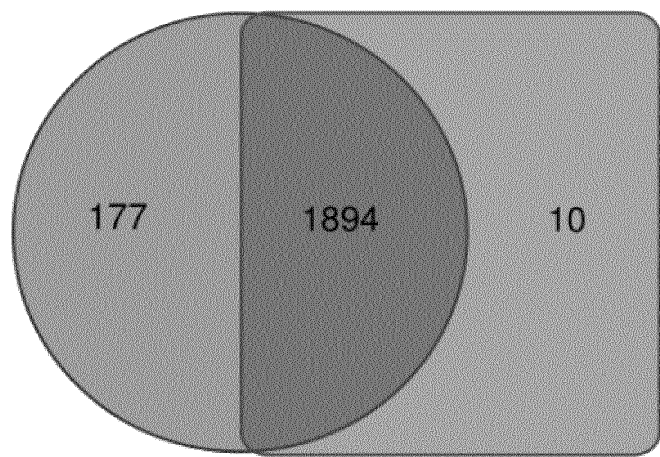
Protein FDR Confidence	Description	Gene	Milk - EV	Day 39-41 - EV
High	Fatty acid synthase	FASN	High	High
High	Fibronectin	FN1	High	High
High	Xanthine dehydrogenase/oxidase	XDH	High	High
High	Ras GTPase-activating-like protein IQGAP1	IQGAP1	High	High
High	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	High	High
High	Programmed cell death 6-interacting protein	PDCD6IP	High	High
High	Lactotransferrin (Fragment)	LTF	High	High
High	Alpha-actinin-4	ACTN4	High	High
High	Keratin, type II cytoskeletal 1	KRT1	High	High
High	Keratin, type II cytoskeletal 2 epidermal	KRT2	High	High
High	Tenascin	TNC	High	High
High	Transitional endoplasmic reticulum ATPase	VCP	High	High
High	C4a anaphylatoxin	C4A	High	N.D.
High	Unconventional myosin-Ic	MYO1C	High	High
High	Coatomer subunit alpha	COPA	High	High
High	ATP-citrate synthase	ACLY	High	High
High	Ezrin	EZR	High	High
High	Elongation factor 2	EEF2	High	High
High	Keratin, type I cytoskeletal 9	KRT9	High	High
High	Glycogen phosphorylase, brain form	PYGB	High	High
High	Annexin A2	ANXA2	High	High
High	Butyrophilin subfamily 1 member A1	BTN1A1	High	High
High	Galectin-3-binding protein	LGALS3BP	High	High
High	Keratin, type I cytoskeletal 10	KRT10	High	High
High	Apolipoprotein A-I	APOA1	High	High
High	Bile salt-activated lipase	CEL	High	High
High	Hypoxia up-regulated protein 1	HYOU1	High	N.D.
High	Protein Niban 2	NIBAN2	High	High
High	Heat shock cognate 71 kDa protein	HSPA8	High	High
High	Lactadherin	MFGE8	High	High

Figure 10b

High	Prostaglandin F2 receptor negative regulator	PTGFRN	High	High
High	Myoferlin	MYOF	High	High
High	Apolipoprotein A-IV	APOA4	High	N.D.
High	Bifunctional glutamate/proline--tRNA ligase	EPRS1	High	High
High	Perilipin-2	PLIN2	High	High
High	Perilipin-3	PLIN3	High	High
High	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1	GFPT1	High	High
High	Endoplasmin	HSP90B1	High	High
High	Actin-depolymerizing factor	GSN	High	High
High	4F2 cell-surface antigen heavy chain	SLC3A2	High	High
High	Endoplasmic reticulum chaperone BiP	HSPA5	High	High
High	Heat shock protein HSP 90-beta	HSP90AB1	High	High
High	Clusterin	CLU	High	High
High	Moesin	MSN	High	High
High	Heat shock 70 kDa protein 1B	HSPA1B	High	High
High	Phosphoglycerate kinase 1	PGK1	High	High
High	Aminopeptidase N	ANPEP	High	High
High	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	High	N.D.
High	Threonine--tRNA ligase 1, cytoplasmic	TARS1	High	N.D.
High	Cytosolic non-specific dipeptidase	CNDP2	High	N.D.
High	Mucin short variant S1	MUC1	High	High
High	Tetraspanin CD9	CD9	High	High
High	Tetraspanin CD81	CD81	High	High
High	Tetraspanin 63	CD63	High	High

Figure 10b continued

Human milk



D41

Figure 11a

1	miR-148a-3p
2	miR-22-3p
3	miR-125b-5p
4	miR-6126

Figure 11b

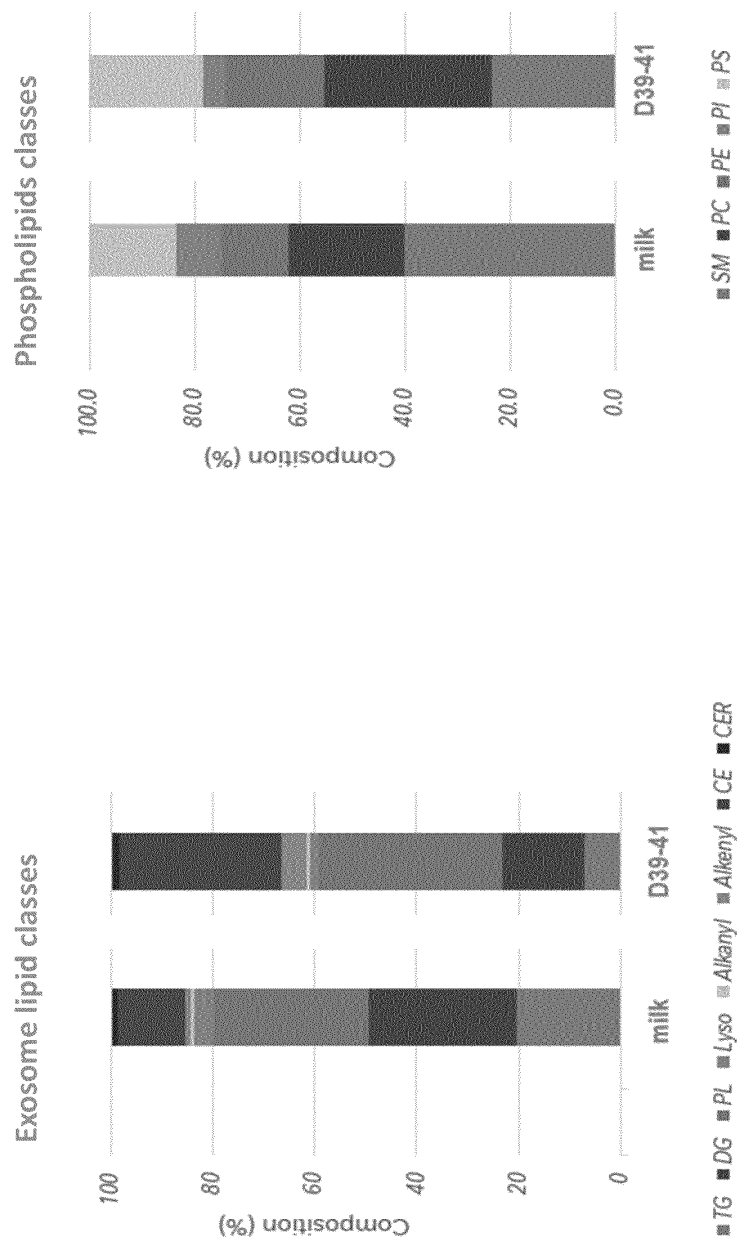


Figure 12

15/15

Exosome median size

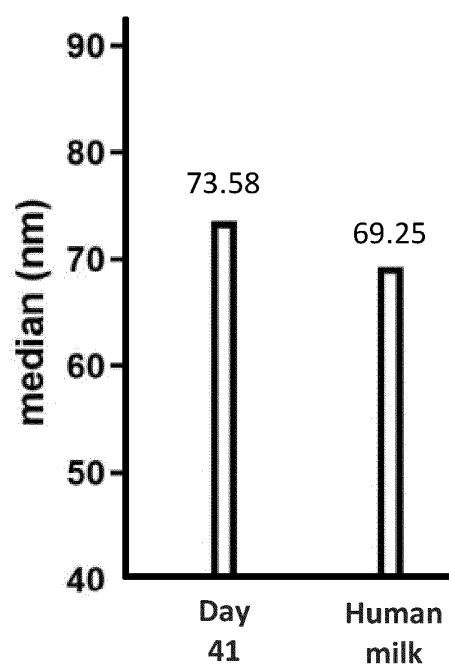


Figure 13