

**Supplementary Table S1.** Maternal age, maternal weight status, mode of delivery, gestational age, birth weight, gender, and human milk sampling time of entire study group and subgroups.

	Maternal Age (years) *	Maternal weight status (NW/OW)	Delivery Mode (SV/CS)	Gestational Age (weeks) *	Birth Weight (gram) *	Gender (Boys/Girls)	Infant Feeding EBF/MF	Transient HM Sampling Time (days) *	Mature HM Sampling Time (days) *
Total	30			38	2840			8	51.5
(n = 44)	(18–44)	35/9	9/35	(32–41)	(1200–4600)	18/26	27/17	(7–14)	(45–70)
NS-T	33			38.5	3225			12	53.5
(n = 8)	(20–41)	6/2	8/0	(37–40)	(2880–3600)	1/7	5/3	(8–14)	(47–70)
CS-T	35			38	3080			8	55
(n = 9)	(25–44)	7/2	0/9	(37–41)	(2730–3600)	3/6	6/3	(7–13)	(45–70)
PT	30			35	2255			8	50
(n = 13)	(18–43)	11/2	0/13	(32–37)	(1200–2700)	5/8	6/7	(7–14)	(45–62)
SGA	34			37	2225			8	49
(n = 7)	(22–38)	6/1	1/6	(34–41)	(1670–2500)	3/4	4/3	(7–12)	(45–63)
LGA	30			39	4120			8	51
(n = 7)	(23–39)	5/2	0/7	(37–41)	(3505–4600)	6/1	6/1	(7–13)	(45–63)

\* median (minimum–maximum). NS-T: normal spontaneous vaginal delivery-term; CS-T: cesarean delivery-term; PT: premature; SGA: small for gestational age; LGA: large for gestational age; SV: spontaneous vaginally; CS: cesarean delivery. Mothers were classified according to their pre-gestational BMI as normal weight (BMI 18.5–24.9 kg/m<sup>2</sup>) and overweight (BMI ≥25.0–29.9 kg/m<sup>2</sup>). EBF: exclusively breastfeeding MF (mixed feeding: breastfeeding and formula feeding).