

Table S1. Energy intake and body mass in non-reproductive and reproductive mice during lactation and post lactation. The data are expressed as means \pm S.D. Sample size (n) is 8 for energy intake and body mass in non-reproductive mice.

DOL	Non-reproductive mice (n=8)		Reproductive mice				
	Energy intake (kJ day ⁻¹)	Body mass (g)	Energy intake (kJ day ⁻¹)	(n)	Body mass (g)	(n)	
Lactation	1	71.10 \pm 14.66	145.01 \pm 44.40	26			
	2	73.58 \pm 11.45	34.74 \pm 2.82	183.01 \pm 37.91	26	41.60 \pm 3.41	26
	3	73.29 \pm 13.23	34.85 \pm 2.91	201.66 \pm 46.94	26	42.63 \pm 3.12	26
	4	76.25 \pm 11.49	34.82 \pm 2.90	222.98 \pm 48.26	26	42.93 \pm 3.48	26
	5	66.96 \pm 10.55	34.86 \pm 2.56	234.11 \pm 47.33	26	44.18 \pm 3.41	26
	6	77.00 \pm 17.63	34.93 \pm 2.80	240.99 \pm 48.00	26	44.67 \pm 3.69	26
	7	72.47 \pm 19.80	34.96 \pm 3.06	245.55 \pm 51.35	26	44.89 \pm 3.71	26
	8	75.62 \pm 16.46	35.17 \pm 3.18	246.94 \pm 53.80	26	45.29 \pm 3.80	26
	9	72.84 \pm 13.73	35.31 \pm 3.08	254.32 \pm 55.93	26	45.51 \pm 4.05	26
	10	76.89 \pm 13.99	35.56 \pm 2.86	263.70 \pm 53.94	26	45.61 \pm 3.94	26
	11	68.81 \pm 13.64	35.56 \pm 3.18	267.93 \pm 55.43	25	46.08 \pm 3.63	26
	12	71.24 \pm 18.40	35.75 \pm 3.35	273.99 \pm 56.79	26	46.12 \pm 4.01	26
	13	64.62 \pm 17.88	35.88 \pm 3.25	271.23 \pm 49.46	26	47.00 \pm 4.01	26
	14	61.68 \pm 9.45	35.78 \pm 3.30	280.55 \pm 62.08	26	46.76 \pm 3.76	26
	15	68.58 \pm 11.38	35.60 \pm 3.29	268.85 \pm 57.62	26	47.11 \pm 3.83	26
	16	68.95 \pm 13.58	35.69 \pm 3.61	266.90 \pm 65.20	26	47.16 \pm 3.65	26
	17	75.18 \pm 24.77	35.45 \pm 3.25	263.84 \pm 65.35	26	46.58 \pm 4.07	26
	18	68.38 \pm 11.65	36.05 \pm 3.90	284.41 \pm 63.11	25	46.23 \pm 3.86	26
	19	69.95 \pm 10.57	36.17 \pm 3.82	307.08 \pm 70.64	23	44.76 \pm 3.88	25
	20	68.77 \pm 10.56	36.35 \pm 3.68	341.85 \pm 82.99	21	44.19 \pm 4.39	23
Recovery	21	62.93 \pm 18.91	36.17 \pm 3.89	122.76 \pm 33.33	18	44.20 \pm 4.05	18
	22	66.98 \pm 11.81	36.26 \pm 3.78	96.79 \pm 20.96	18	44.47 \pm 3.04	18
	23	74.18 \pm 13.11	36.35 \pm 3.84	96.33 \pm 27.82	18	43.22 \pm 2.27	18
	24	73.36 \pm 18.36	36.42 \pm 3.83	89.54 \pm 25.51	18	41.92 \pm 1.96	18
	25	64.60 \pm 10.83	36.52 \pm 3.96	89.03 \pm 24.08	17	41.36 \pm 1.87	18
	26	73.39 \pm 15.44	36.64 \pm 3.82	82.87 \pm 15.34	17	41.36 \pm 1.98	18
	27	69.10 \pm 9.39	36.62 \pm 4.07	83.45 \pm 15.46	17	41.62 \pm 1.96	17
	28	77.57 \pm 17.45	36.75 \pm 4.11	79.82 \pm 13.72	16	41.67 \pm 1.99	17
	29	65.83 \pm 20.30	36.51 \pm 4.49	78.35 \pm 11.60	16	41.88 \pm 2.06	17
	30	73.32 \pm 15.44	36.64 \pm 4.20	80.54 \pm 12.29	16	41.94 \pm 2.05	17

Table S2. Daily activity counts, mean T_b, active T_b and Inactive T_b during lactation and post lactation. The data are expressed as means ± S.D.

	DOL	Sample size	Activity	Mean T _b	Active T _b	Inactive T _b
Lactation	0	26	16.25 ± 5.64	37.65 ± 0.27	37.70 ± 0.26	37.41 ± 0.27
	1	26	15.17 ± 3.14	37.77 ± 0.19	37.83 ± 0.19	37.48 ± 0.22
	2	26	14.64 ± 3.96	37.92 ± 0.21	37.98 ± 0.20	37.64 ± 0.22
	3	26	12.72 ± 3.31	37.95 ± 0.16	38.01 ± 0.17	37.71 ± 0.20
	4	26	11.84 ± 3.47	37.98 ± 0.19	38.05 ± 0.19	37.72 ± 0.22
	5	26	12.22 ± 3.57	38.02 ± 0.19	38.08 ± 0.19	37.79 ± 0.19
	6	26	11.88 ± 4.33	38.05 ± 0.15	38.11 ± 0.15	37.81 ± 0.18
	7	26	11.25 ± 3.95	38.05 ± 0.16	38.12 ± 0.15	37.83 ± 0.18
	8	26	11.34 ± 3.75	38.06 ± 0.15	38.14 ± 0.16	37.79 ± 0.19
	9	26	10.77 ± 3.64	38.05 ± 0.16	38.14 ± 0.16	37.80 ± 0.20
	10	26	11.21 ± 3.87	38.07 ± 0.16	38.14 ± 0.17	37.85 ± 0.17
	11	26	10.87 ± 3.85	38.09 ± 0.15	38.16 ± 0.15	37.86 ± 0.17
	12	26	10.91 ± 3.94	38.07 ± 0.21	38.14 ± 0.22	37.86 ± 0.20
	13	26	10.94 ± 3.66	38.11 ± 0.13	38.18 ± 0.14	37.91 ± 0.17
	14	26	11.43 ± 3.75	38.12 ± 0.12	38.18 ± 0.13	37.90 ± 0.16
	15	25	11.21 ± 3.47	38.10 ± 0.16	38.14 ± 0.17	37.88 ± 0.22
	16	25	11.14 ± 3.36	38.01 ± 0.33	38.05 ± 0.32	37.75 ± 0.37
	17	25	12.20 ± 3.47	38.03 ± 0.23	38.07 ± 0.23	37.75 ± 0.33
	18	25	13.37 ± 3.67	37.96 ± 0.17	38.01 ± 0.18	37.64 ± 0.29
	19	24	15.54 ± 4.50	37.89 ± 0.17	37.97 ± 0.17	37.51 ± 0.23
20	22	15.93 ± 5.45	37.79 ± 0.21	37.90 ± 0.19	37.39 ± 0.36	
Post-lactation	21	17	14.14 ± 3.86	37.52 ± 0.34	37.79 ± 0.36	37.10 ± 0.61
	22	17	13.98 ± 3.51	37.40 ± 0.32	37.75 ± 0.23	36.84 ± 0.47
	23	17	15.42 ± 3.86	37.43 ± 0.28	37.75 ± 0.24	36.80 ± 0.39
	24	17	17.14 ± 6.40	37.45 ± 0.23	37.80 ± 0.22	36.79 ± 0.33
	25	17	16.22 ± 5.98	37.32 ± 0.27	37.68 ± 0.28	36.73 ± 0.32
	26	17	16.16 ± 4.10	37.29 ± 0.30	37.68 ± 0.26	36.71 ± 0.37
	27	17	17.26 ± 5.96	37.34 ± 0.30	37.71 ± 0.27	36.75 ± 0.36
	28	17	17.37 ± 5.32	37.31 ± 0.43	37.67 ± 0.34	36.73 ± 0.52
	29	17	16.21 ± 5.07	37.24 ± 0.43	37.64 ± 0.33	36.66 ± 0.48
	30	17	15.91 ± 4.67	37.22 ± 0.44	37.60 ± 0.34	36.66 ± 0.47

Table S3. Activity levels over the day during baseline, lactation and post lactation. The data are expressed as means \pm S.D.

Time (h)	Baseline (n)	Lactation (n)	Post lactation (n)
10	11.12 \pm 9.76 (26)	11.58 \pm 3.82 (26)	11.89 \pm 6.68 (17)
11	6.78 \pm 5.29 (26)	9.84 \pm 2.33 (26)	5.13 \pm 1.52 (17)
12	5.39 \pm 2.98 (26)	9.11 \pm 2.11 (26)	5.08 \pm 1.14 (17)
13	7.34 \pm 4.65 (26)	11.26 \pm 4.45 (26)	4.12 \pm 1.28 (17)
14	4.90 \pm 2.40 (26)	9.79 \pm 2.70 (26)	5.19 \pm 1.32 (17)
15	5.14 \pm 2.57 (26)	9.43 \pm 3.06 (26)	4.49 \pm 1.73 (17)
16	9.00 \pm 4.27 (26)	10.53 \pm 3.22 (26)	6.73 \pm 2.06 (17)
17	12.82 \pm 10.98 (26)	11.45 \pm 4.31 (26)	8.72 \pm 2.33 (17)
18	13.24 \pm 11.05 (26)	11.43 \pm 4.14 (26)	10.38 \pm 4.11 (17)
19	40.07 \pm 27.27 (26)	14.49 \pm 5.33 (26)	23.28 \pm 11.01 (17)
20	58.47 \pm 33.54 (26)	17.08 \pm 6.39 (26)	34.69 \pm 20.19 (17)
21	48.85 \pm 33.52 (26)	15.80 \pm 6.22 (26)	30.82 \pm 14.15 (17)
22	44.57 \pm 27.75 (26)	14.43 \pm 4.96 (26)	26.34 \pm 9.30 (17)
23	42.95 \pm 22.94 (26)	13.19 \pm 3.98 (26)	26.19 \pm 11.87 (17)
0	38.43 \pm 19.21 (26)	13.31 \pm 4.53 (26)	26.90 \pm 11.29 (17)
1	32.48 \pm 15.67 (26)	12.22 \pm 4.07 (26)	25.14 \pm 11.20 (17)
2	22.47 \pm 11.34 (26)	12.24 \pm 4.68 (26)	21.14 \pm 8.33 (17)
3	17.23 \pm 8.83 (26)	11.70 \pm 3.51 (26)	17.89 \pm 4.94 (17)
4	17.88 \pm 9.68 (26)	12.19 \pm 4.07 (26)	17.08 \pm 8.07 (17)
5	17.54 \pm 10.17 (26)	11.33 \pm 3.30 (26)	15.70 \pm 8.70 (17)
6	16.79 \pm 8.54 (26)	12.27 \pm 3.38 (26)	14.70 \pm 7.95 (17)
7	20.16 \pm 7.26 (26)	13.19 \pm 4.56 (26)	15.10 \pm 6.43 (17)
8	16.79 \pm 9.83 (26)	13.82 \pm 4.66 (26)	15.82 \pm 7.76 (17)

Table S4. Activity levels over a day during the four stages of lactation. The data are expressed as means \pm S.D.

Time (h)	Lactation			
	DOL 1-5 (n)	DOL 6-10 (n)	DOL 11-15 (n)	DOL 16-20 (n)
10	14.87 \pm 4.67 (26)	11.17 \pm 5.55 (26)	9.64 \pm 3.98 (26)	10.44 \pm 4.44 (25)
11	11.93 \pm 4.78 (26)	10.35 \pm 4.08 (26)	8.54 \pm 2.98 (26)	8.70 \pm 3.57 (25)
12	10.33 \pm 3.31 (26)	9.63 \pm 4.21 (26)	8.59 \pm 2.53 (26)	7.97 \pm 1.91 (25)
13	13.47 \pm 6.84 (26)	10.70 \pm 4.97 (26)	9.73 \pm 5.49 (26)	10.69 \pm 5.64 (25)
14	10.99 \pm 3.81 (26)	10.18 \pm 4.02 (26)	9.01 \pm 3.02 (26)	8.85 \pm 3.59 (25)
15	10.13 \pm 3.72 (26)	9.12 \pm 3.13 (26)	9.02 \pm 3.65 (26)	9.59 \pm 4.43 (25)
16	11.75 \pm 3.61 (26)	9.90 \pm 4.21 (26)	10.80 \pm 4.45 (26)	10.06 \pm 3.02 (25)
17	12.50 \pm 5.00 (26)	12.00 \pm 6.69 (26)	10.93 \pm 5.05 (26)	10.59 \pm 3.07 (25)
18	12.37 \pm 4.76 (26)	9.91 \pm 3.64 (26)	11.11 \pm 5.30 (26)	12.65 \pm 5.61 (25)
19	14.86 \pm 5.46 (26)	12.53 \pm 5.29 (26)	13.53 \pm 5.78 (26)	17.41 \pm 7.24 (25)
20	18.32 \pm 6.61 (26)	14.66 \pm 5.77 (26)	14.92 \pm 9.72 (26)	21.09 \pm 8.44 (25)
21	16.53 \pm 6.54 (26)	14.03 \pm 6.37 (26)	13.34 \pm 6.68 (26)	19.96 \pm 10.53 (25)
22	15.04 \pm 5.55 (26)	14.02 \pm 7.73 (26)	12.54 \pm 3.98 (26)	16.44 \pm 8.50 (25)
23	14.18 \pm 5.85 (26)	12.54 \pm 5.23 (26)	11.46 \pm 4.82 (26)	15.02 \pm 6.72 (25)
0	13.85 \pm 5.52 (26)	11.56 \pm 4.42 (26)	12.53 \pm 7.16 (26)	15.67 \pm 6.60 (25)
1	14.29 \pm 6.07 (26)	10.39 \pm 4.79 (26)	10.29 \pm 4.43 (26)	14.51 \pm 4.70 (25)
2	14.46 \pm 7.35 (26)	10.57 \pm 5.01 (26)	9.81 \pm 3.34 (26)	14.52 \pm 6.57 (25)
3	12.44 \pm 4.56 (26)	10.30 \pm 3.25 (26)	11.26 \pm 4.32 (26)	13.10 \pm 5.44 (25)
4	12.52 \pm 4.88 (26)	10.97 \pm 4.73 (26)	10.20 \pm 4.34 (26)	15.54 \pm 6.44 (25)
5	11.13 \pm 4.46 (26)	10.23 \pm 4.27 (26)	10.63 \pm 4.54 (26)	13.63 \pm 4.33 (25)
6	12.37 \pm 5.32 (26)	10.90 \pm 3.62 (26)	12.34 \pm 5.45 (26)	13.78 \pm 3.89 (25)
7	13.48 \pm 5.11 (26)	12.32 \pm 6.44 (26)	12.46 \pm 5.70 (26)	14.70 \pm 5.97 (25)
8	15.14 \pm 7.52 (26)	12.84 \pm 6.15 (26)	12.10 \pm 4.73 (26)	15.41 \pm 4.55 (25)

Table S5. Mean T_b throughout a day during baseline, lactation and post lactation. The data are expressed as means \pm S.D.

Time (h)	Baseline (n)	Lactation (n)	Post lactation (n)
10	37.05 ± 0.45 (26)	37.85 ± 0.21 (26)	37.25 ± 0.41 (17)
11	36.71 ± 0.29 (26)	37.66 ± 0.19 (26)	36.78 ± 0.33 (17)
12	36.55 ± 0.29 (26)	37.61 ± 0.17 (26)	36.65 ± 0.31 (17)
13	36.68 ± 0.34 (26)	37.69 ± 0.25 (26)	36.56 ± 0.31 (17)
14	36.64 ± 0.27 (26)	37.71 ± 0.22 (26)	36.64 ± 0.29 (17)
15	36.58 ± 0.30 (26)	37.71 ± 0.21 (26)	36.61 ± 0.31 (17)
16	36.73 ± 0.31 (26)	37.80 ± 0.20 (26)	36.76 ± 0.33 (17)
17	36.94 ± 0.34 (26)	37.92 ± 0.22 (26)	36.93 ± 0.31 (17)
18	37.06 ± 0.34 (26)	38.00 ± 0.22 (26)	37.15 ± 0.33 (17)
19	37.68 ± 0.52 (26)	38.16 ± 0.20 (26)	37.62 ± 0.26 (17)
20	38.11 ± 0.55 (26)	38.34 ± 0.18 (26)	38.01 ± 0.35 (17)
21	37.98 ± 0.53 (26)	38.35 ± 0.18 (26)	38.02 ± 0.35 (17)
22	37.94 ± 0.46 (26)	38.29 ± 0.15 (26)	37.95 ± 0.30 (17)
23	37.95 ± 0.41 (26)	38.24 ± 0.15 (26)	37.89 ± 0.28 (17)
0	37.81 ± 0.35 (26)	38.20 ± 0.16 (26)	37.95 ± 0.32 (17)
1	37.67 ± 0.36 (26)	38.13 ± 0.16 (26)	37.83 ± 0.40 (17)
2	37.40 ± 0.39 (26)	38.09 ± 0.18 (26)	37.71 ± 0.33 (17)
3	37.22 ± 0.36 (26)	38.08 ± 0.19 (26)	37.57 ± 0.33 (17)
4	37.13 ± 0.36 (26)	38.05 ± 0.21 (26)	37.46 ± 0.36 (17)
5	37.08 ± 0.46 (26)	37.99 ± 0.24 (26)	37.39 ± 0.41 (17)
6	37.12 ± 0.53 (26)	38.02 ± 0.23 (26)	37.30 ± 0.47 (17)
7	37.33 ± 0.45 (26)	38.04 ± 0.20 (26)	37.34 ± 0.46 (17)
8	37.22 ± 0.47 (26)	37.97 ± 0.25 (26)	37.38 ± 0.46 (17)

Table S6. Mean T_b throughout the day during the four stages of lactation. The data are expressed as means \pm S.D.

Time (h)	Lactation			
	DOL 1-5 (n)	DOL 6-10 (n)	DOL 11-15 (n)	DOL 16-20 (n)
10	37.93 \pm 0.22 (26)	37.97 \pm 0.28 (26)	37.89 \pm 0.19 (26)	37.66 \pm 0.29 (25)
11	37.77 \pm 0.22 (26)	37.78 \pm 0.20 (26)	37.69 \pm 0.23 (26)	37.44 \pm 0.28 (25)
12	37.66 \pm 0.21 (26)	37.76 \pm 0.22 (26)	37.69 \pm 0.18 (26)	37.37 \pm 0.27 (25)
13	37.78 \pm 0.30 (26)	37.82 \pm 0.32 (26)	37.79 \pm 0.28 (26)	37.53 \pm 0.37 (25)
14	37.77 \pm 0.26 (26)	37.83 \pm 0.25 (26)	37.81 \pm 0.22 (26)	37.48 \pm 0.32 (25)
15	37.73 \pm 0.24 (26)	37.79 \pm 0.26 (26)	37.82 \pm 0.21 (26)	37.55 \pm 0.31 (25)
16	37.77 \pm 0.26 (26)	37.86 \pm 0.23 (26)	37.92 \pm 0.20 (26)	37.68 \pm 0.33 (25)
17	37.85 \pm 0.28 (26)	37.99 \pm 0.27 (26)	38.04 \pm 0.21 (26)	37.84 \pm 0.28 (25)
18	37.90 \pm 0.26 (26)	38.02 \pm 0.27 (26)	38.16 \pm 0.18 (26)	37.98 \pm 0.34 (25)
19	38.01 \pm 0.27 (26)	38.15 \pm 0.24 (26)	38.33 \pm 0.20 (26)	38.23 \pm 0.32 (25)
20	38.18 \pm 0.25 (26)	38.33 \pm 0.21 (26)	38.48 \pm 0.19 (26)	38.44 \pm 0.25 (25)
21	38.18 \pm 0.23 (26)	38.37 \pm 0.23 (26)	38.48 \pm 0.21 (26)	38.42 \pm 0.25 (25)
22	38.10 \pm 0.22 (26)	38.36 \pm 0.21 (26)	38.44 \pm 0.18 (26)	38.33 \pm 0.21 (25)
23	38.07 \pm 0.22 (26)	38.36 \pm 0.16 (26)	38.36 \pm 0.21 (26)	38.24 \pm 0.25 (25)
0	38.07 \pm 0.27 (26)	38.28 \pm 0.16 (26)	38.28 \pm 0.23 (26)	38.22 \pm 0.23 (25)
1	38.05 \pm 0.28 (26)	38.17 \pm 0.22 (26)	38.21 \pm 0.23 (26)	38.16 \pm 0.17 (25)
2	38.05 \pm 0.26 (26)	38.13 \pm 0.22 (26)	38.11 \pm 0.24 (26)	38.07 \pm 0.20 (25)
3	37.98 \pm 0.22 (26)	38.13 \pm 0.21 (26)	38.17 \pm 0.23 (26)	38.03 \pm 0.26 (25)
4	37.95 \pm 0.25 (26)	38.12 \pm 0.26 (26)	38.11 \pm 0.27 (26)	38.05 \pm 0.27 (25)
5	37.85 \pm 0.31 (26)	38.05 \pm 0.29 (26)	38.10 \pm 0.30 (26)	37.99 \pm 0.27 (25)
6	37.88 \pm 0.28 (26)	38.04 \pm 0.36 (26)	38.18 \pm 0.27 (26)	38.01 \pm 0.29 (25)
7	37.94 \pm 0.30 (26)	38.06 \pm 0.29 (26)	38.20 \pm 0.25 (26)	38.00 \pm 0.27 (25)
8	37.95 \pm 0.30 (26)	38.03 \pm 0.32 (26)	38.02 \pm 0.31 (26)	37.92 \pm 0.31 (25)

Table S7. Active T_b throughout the day during baseline, lactation and post lactation. The data are expressed as means \pm S.D.

Time (h)	Baseline (n)	Lactation (n)	Post lactation (n)
10	37.48 ± 0.51 (26)	37.91 ± 0.22 (26)	37.52 ± 0.39 (17)
11	36.96 ± 0.36 (26)	37.73 ± 0.18 (26)	37.10 ± 0.33 (17)
12	36.75 ± 0.38 (26)	37.67 ± 0.15 (26)	36.89 ± 0.34 (17)
13	36.87 ± 0.32 (26)	37.77 ± 0.25 (26)	36.78 ± 0.31 (17)
14	36.85 ± 0.28 (26)	37.78 ± 0.22 (26)	36.88 ± 0.30 (17)
15	36.78 ± 0.28 (26)	37.79 ± 0.20 (26)	36.82 ± 0.31 (17)
16	36.96 ± 0.30 (26)	37.86 ± 0.20 (26)	36.99 ± 0.29 (17)
17	37.19 ± 0.33 (26)	37.97 ± 0.22 (26)	37.16 ± 0.29 (17)
18	37.29 ± 0.30 (26)	38.06 ± 0.22 (26)	37.37 ± 0.28 (17)
19	37.83 ± 0.40 (26)	38.21 ± 0.19 (26)	37.79 ± 0.23 (17)
20	38.20 ± 0.44 (26)	38.38 ± 0.18 (26)	38.17 ± 0.31 (17)
21	38.11 ± 0.40 (26)	38.38 ± 0.18 (26)	38.14 ± 0.31 (17)
22	38.05 ± 0.37 (26)	38.33 ± 0.14 (26)	38.09 ± 0.26 (17)
23	38.06 ± 0.33 (26)	38.29 ± 0.15 (26)	38.07 ± 0.27 (17)
0	37.96 ± 0.28 (26)	38.25 ± 0.16 (26)	38.08 ± 0.30 (17)
1	37.89 ± 0.24 (26)	38.19 ± 0.16 (26)	38.03 ± 0.31 (17)
2	37.66 ± 0.31 (26)	38.14 ± 0.18 (26)	37.90 ± 0.30 (17)
3	37.61 ± 0.29 (26)	38.12 ± 0.19 (26)	37.82 ± 0.29 (17)
4	37.48 ± 0.32 (26)	38.09 ± 0.21 (26)	37.72 ± 0.27 (17)
5	37.40 ± 0.35 (26)	38.03 ± 0.24 (26)	37.63 ± 0.36 (17)
6	37.45 ± 0.42 (26)	38.07 ± 0.23 (26)	37.59 ± 0.34 (17)
7	37.54 ± 0.38 (26)	38.10 ± 0.19 (26)	37.54 ± 0.43 (17)
8	37.48 ± 0.51 (26)	37.94 ± 0.25 (26)	37.62 ± 0.36 (17)

Table S8. Active T_b throughout the day during the four stages of lactation. The data are expressed as means \pm S.D.

Time (h)	Lactation			
	DOL 1-5 (n)	DOL 6-10 (n)	DOL 11-15 (n)	DOL 16-20 (n)
10	37.95 \pm 0.23 (26)	38.01 \pm 0.28 (26)	37.94 \pm 0.22 (26)	37.67 \pm 0.30 (25)
11	37.80 \pm 0.20 (26)	37.86 \pm 0.21 (26)	37.71 \pm 0.23 (26)	37.46 \pm 0.29 (25)
12	37.72 \pm 0.20 (26)	37.81 \pm 0.22 (26)	37.70 \pm 0.18 (26)	37.42 \pm 0.28 (25)
13	37.81 \pm 0.26 (26)	37.87 \pm 0.30 (26)	37.84 \pm 0.29 (26)	37.51 \pm 0.32 (25)
14	37.82 \pm 0.26 (26)	37.88 \pm 0.24 (26)	37.85 \pm 0.23 (26)	37.51 \pm 0.34 (25)
15	37.80 \pm 0.22 (26)	37.85 \pm 0.24 (26)	37.86 \pm 0.21 (26)	37.59 \pm 0.31 (25)
16	37.84 \pm 0.26 (26)	37.91 \pm 0.23 (26)	37.96 \pm 0.19 (26)	37.71 \pm 0.30 (25)
17	37.89 \pm 0.30 (26)	38.05 \pm 0.26 (26)	38.07 \pm 0.20 (26)	37.86 \pm 0.28 (25)
18	37.96 \pm 0.25 (26)	38.05 \pm 0.26 (26)	38.17 \pm 0.18 (26)	38.01 \pm 0.32 (25)
19	38.05 \pm 0.25 (26)	38.18 \pm 0.24 (26)	38.35 \pm 0.20 (26)	38.24 \pm 0.31 (25)
20	38.21 \pm 0.26 (26)	38.35 \pm 0.20 (26)	38.49 \pm 0.19 (26)	38.45 \pm 0.25 (25)
21	38.21 \pm 0.23 (26)	38.39 \pm 0.23 (26)	38.50 \pm 0.21 (26)	38.44 \pm 0.25 (25)
22	38.14 \pm 0.22 (26)	38.39 \pm 0.20 (26)	38.46 \pm 0.18 (26)	38.35 \pm 0.22 (25)
23	38.11 \pm 0.21 (26)	38.38 \pm 0.15 (26)	38.38 \pm 0.20 (26)	38.26 \pm 0.24 (25)
0	38.10 \pm 0.25 (26)	38.31 \pm 0.14 (26)	38.31 \pm 0.22 (26)	38.26 \pm 0.22 (25)
1	38.09 \pm 0.27 (26)	38.21 \pm 0.21 (26)	38.26 \pm 0.21 (26)	38.17 \pm 0.17 (25)
2	38.09 \pm 0.25 (26)	38.16 \pm 0.22 (26)	38.13 \pm 0.22 (26)	38.11 \pm 0.21 (25)
3	38.01 \pm 0.20 (26)	38.15 \pm 0.21 (26)	38.19 \pm 0.22 (26)	38.05 \pm 0.27 (25)
4	37.98 \pm 0.24 (26)	38.14 \pm 0.26 (26)	38.15 \pm 0.23 (26)	38.07 \pm 0.28 (25)
5	37.88 \pm 0.31 (26)	38.10 \pm 0.29 (26)	38.13 \pm 0.29 (26)	38.00 \pm 0.27 (25)
6	37.89 \pm 0.30 (26)	38.07 \pm 0.34 (26)	38.21 \pm 0.27 (26)	38.03 \pm 0.30 (25)
7	37.97 \pm 0.29 (26)	38.11 \pm 0.26 (26)	38.24 \pm 0.24 (26)	38.02 \pm 0.27 (25)
8	37.98 \pm 0.29 (26)	38.07 \pm 0.31 (26)	37.96 \pm 0.57 (26)	37.93 \pm 0.31 (25)

Table S9. Inactive T_b throughout the day during baseline, lactation and post-lactation. The data are expressed as means \pm S.D.

Time (h)	Baseline (n)	Lactation (n)	Post-lactation (n)
10	36.77 ± 0.38 (26)	37.70 ± 0.18 (26)	36.90 ± 0.31 (17)
11	36.53 ± 0.32 (26)	37.55 ± 0.21 (26)	36.64 ± 0.33 (17)
12	36.42 ± 0.27 (26)	37.50 ± 0.20 (26)	36.52 ± 0.31 (17)
13	36.52 ± 0.34 (26)	37.61 ± 0.30 (26)	36.48 ± 0.32 (17)
14	36.51 ± 0.30 (26)	37.60 ± 0.21 (26)	36.49 ± 0.32 (17)
15	36.48 ± 0.30 (26)	37.58 ± 0.23 (26)	36.52 ± 0.31 (17)
16	36.53 ± 0.29 (26)	37.67 ± 0.23 (26)	36.58 ± 0.33 (17)
17	36.63 ± 0.35 (26)	37.77 ± 0.23 (26)	36.68 ± 0.31 (17)
18	36.78 ± 0.37 (26)	37.83 ± 0.24 (26)	36.90 ± 0.37 (17)
19	37.01 ± 0.48 (26)	37.99 ± 0.24 (26)	37.07 ± 0.42 (17)
20	37.13 ± 0.68 (16)	38.18 ± 0.21 (26)	37.28 ± 0.51 (16)
21	37.11 ± 0.62 (18)	38.21 ± 0.22 (26)	37.36 ± 0.52 (17)
22	37.11 ± 0.47 (18)	38.14 ± 0.21 (26)	37.39 ± 0.43 (17)
23	37.11 ± 0.42 (20)	38.11 ± 0.19 (26)	37.23 ± 0.47 (17)
0	36.87 ± 0.45 (24)	38.01 ± 0.20 (26)	37.29 ± 0.40 (16)
1	36.87 ± 0.48 (24)	37.96 ± 0.18 (26)	37.14 ± 0.55 (17)
2	36.77 ± 0.51 (26)	37.88 ± 0.19 (26)	37.13 ± 0.43 (17)
3	36.73 ± 0.55 (25)	37.90 ± 0.19 (26)	36.92 ± 0.54 (17)
4	36.55 ± 0.42 (26)	37.94 ± 0.24 (26)	36.74 ± 0.59 (17)
5	36.49 ± 0.59 (25)	37.84 ± 0.23 (26)	36.80 ± 0.52 (17)
6	36.57 ± 0.54 (26)	37.84 ± 0.25 (26)	36.77 ± 0.50 (17)
7	36.66 ± 0.47 (26)	37.84 ± 0.30 (26)	36.82 ± 0.41 (17)
8	36.77 ± 0.44 (26)	37.68 ± 0.35 (26)	36.81 ± 0.48 (17)

Table S10. Inactive T_b throughout the day during the four stages of lactation. The data are expressed as means \pm S.D.

Time (h)	Lactation			
	DOL 1-5 (n)	DOL 6-10 (n)	DOL 11-15 (n)	DOL 16-20 (n)
10	37.76 \pm 0.24 (26)	37.85 \pm 0.32 (26)	37.84 \pm 0.25 (26)	37.59 \pm 0.31 (25)
11	37.63 \pm 0.27 (26)	37.60 \pm 0.28 (26)	37.62 \pm 0.23 (26)	37.41 \pm 0.28 (25)
12	37.56 \pm 0.23 (26)	37.58 \pm 0.20 (26)	37.62 \pm 0.22 (26)	37.28 \pm 0.30 (25)
13	37.65 \pm 0.33 (26)	37.70 \pm 0.38 (26)	37.72 \pm 0.29 (25)	37.50 \pm 0.51 (25)
14	37.62 \pm 0.29 (26)	37.66 \pm 0.26 (26)	37.74 \pm 0.21 (26)	37.43 \pm 0.35 (25)
15	37.54 \pm 0.25 (26)	37.65 \pm 0.28 (26)	37.73 \pm 0.25 (26)	37.46 \pm 0.35 (25)
16	37.65 \pm 0.30 (26)	37.72 \pm 0.28 (26)	37.78 \pm 0.22 (26)	37.59 \pm 0.42 (25)
17	37.67 \pm 0.26 (26)	37.85 \pm 0.32 (26)	37.95 \pm 0.25 (26)	37.74 \pm 0.32 (25)
18	37.70 \pm 0.36 (26)	37.89 \pm 0.29 (26)	38.05 \pm 0.22 (26)	37.82 \pm 0.42 (25)
19	37.84 \pm 0.32 (26)	37.97 \pm 0.32 (26)	38.23 \pm 0.31 (26)	38.09 \pm 0.37 (25)
20	38.07 \pm 0.31 (26)	38.24 \pm 0.36 (26)	38.41 \pm 0.30 (25)	38.32 \pm 0.28 (23)
21	38.02 \pm 0.31 (25)	38.29 \pm 0.29 (26)	38.38 \pm 0.27 (25)	38.23 \pm 0.38 (25)
22	37.95 \pm 0.37 (26)	38.22 \pm 0.30 (25)	38.30 \pm 0.32 (26)	38.12 \pm 0.42 (25)
23	37.91 \pm 0.36 (25)	38.27 \pm 0.24 (26)	38.29 \pm 0.36 (26)	38.13 \pm 0.43 (24)
0	37.94 \pm 0.32 (26)	38.18 \pm 0.23 (26)	38.11 \pm 0.36 (25)	38.01 \pm 0.41 (25)
1	37.85 \pm 0.35 (26)	38.04 \pm 0.29 (26)	38.03 \pm 0.28 (26)	38.08 \pm 0.32 (25)
2	37.80 \pm 0.29 (26)	37.99 \pm 0.27 (25)	38.07 \pm 0.34 (26)	37.89 \pm 0.30 (25)
3	37.73 \pm 0.27 (26)	38.00 \pm 0.32 (26)	38.11 \pm 0.30 (26)	37.94 \pm 0.28 (25)
4	37.87 \pm 0.37 (25)	38.02 \pm 0.28 (25)	38.06 \pm 0.36 (26)	37.85 \pm 0.37 (23)
5	37.67 \pm 0.28 (25)	37.89 \pm 0.30 (26)	38.00 \pm 0.36 (25)	37.90 \pm 0.28 (25)
6	37.70 \pm 0.28 (25)	37.90 \pm 0.39 (26)	38.04 \pm 0.34 (25)	37.93 \pm 0.32 (25)
7	37.80 \pm 0.38 (25)	37.86 \pm 0.43 (25)	38.02 \pm 0.29 (26)	37.73 \pm 0.34 (24)
8	37.77 \pm 0.31 (26)	37.87 \pm 0.36 (25)	37.86 \pm 0.36 (26)	37.74 \pm 0.35 (25)