

Table S1: The main physiological and biochemical parameters of large animals, mouse and human

Species		C. Monkey	Minipig	Canine	Bovine	Sheep	Mouse	Homo sapiens	Ref
Lifespan (y)		20-30	15-20	10-15	20	10-12	2	70-80	(1, 2)
Average body weight*		2.5-8.3kg	30-60kg	10kg	610kg	50-70kg	0.03-0.05kg	40-100kg	(3)
Mean brain size*		384g	75g	72g	480g	140g	20g	1350 g	(4)
Heart rate (bpm)*		160-330	70-120	60-160	36-60	70-80	450-750	72	(5)
Total cholesterol level*		70-210 mg/dl	128mg/dl	131-345 mg/dl	180 mg/dl	45-75mg/dl	131.3 mg/dl	200 mg/dl or less	(6)
Glucose Levels*		3.1-4.5mmol/l	40-80mg/dl	75-120mg/dl	40-60mg/dl	51-65mg/dl	150-250mg/dl	82-110mg/dl; (3.2-6.1mmol/l)	(6-12)
Hemato- logical paramet- ers*	WBC ($\times 10^3/\text{mm}^3$)	5-8	7-20	7.9-11	4-12	4-12	8.0	7.1	(13-17)
	Eosinophil (%)	NA	0-10	3.6-4.0	0-4	0-10	NA	6.5	
	Monocyte (%)	2.9-3.4	2-10	12.9-16.3	1-6	0-6	1.9	8.7	
	Lymphocyte (%)	44-56	40-60	16.8-24.3	40-70	40-70	86.6	51	
Pregnancy length (d)		134-184	114	18-67	270	142-155	18-21	280	(18, 19)
Offspring per litter		1-2	10	5-6	1	1-2	3-12	1-2	

Notes: * means mature stage.

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