

Table S1. Parameters measured in male and female mice of control, 7CafD and 17CafD groups at 27 weeks of age.

<b>I. Lipid metabolism</b>				
1. Weight parameters	Body weight, relative WAT and liver weight			
2. Blood parameters	leptin, adiponectin, triglycerides, FFA, cholesterol			
3. Hepatic parameters	triglycerides			
4. Gene expression	Liver	Muscle	WAT	BAT
▪ Fatty acid oxidation	<i>Ppara, Ppargc1, Cpt1a</i>	<i>Cpt1β, Ucp3</i>	<i>Pparγ, Ppargc1, Cpt1α</i>	
▪ Lipolysis			<i>Lipe, Pnpla2</i>	
▪ Lipogenesis	<i>Fasn, Acca, Accb</i>		<i>Fasn, Lpl</i>	
▪ Lipoprotein synthesis	<i>Apob</i>			
<b>II. Carbohydrate metabolism</b>				
1. Blood parameters	glucose, insulin			
2. Hepatic parameters	glycogen			
3. Gene expression	Liver	Muscle	WAT	BAT
▪ Insulin signaling	<i>Insr, Irs1, Irs2</i>	<i>Insr, Irs1, Irs2, Slc2a4</i>	<i>Insr, Slc2a4</i>	
▪ Glycolysis	<i>Gck, Pklr</i>			
▪ Gluconeogenesis	<i>Pck1, G6pc</i>			
<b>III. Thermogenesis</b>				
1. Weight parameters	relative BAT			
2. Gene expression	Liver	Muscle	WAT	BAT
▪ Thermogenesis			<i>Ucp1, Dio2</i>	<i>Ucp1, Dio2</i>
▪ Fatty acid oxidation				<i>Pparγ, Cpt1β</i>
<b>IV. FGF21 system activity</b>				
1. Blood parameters	FGF21			
2. Gene expression	Liver	Muscle	WAT	BAT
▪ FGF21 system activity	<i>Fgf21, Klb</i>	<i>Fgf21, Klb</i>	<i>Fgf21, Klb</i>	<i>Fgf21, Klb</i>