

**Table 1. Suggested components related to lipid metabolism the levels of which were altered in the kidney of male SelenBP1-KO mice by metabolomics analysis.**

Representative components altered in mice				
Sample	Increased	X-flod	Decreased	X-flod
SelenB P1(-) vs Control	<b>Tryptophan metabolism</b>		<b>C21-steroid hormone metabolism</b>	
	Melatonin	7.8	17 $\alpha$ -Hydroxycortexone	54.5
	6-hydroxymelatonin	12.6	20 $\alpha$ -Hydroxycholesterol	8.3
	<b>Androgen and estrogen metabolism</b>		<b>Ubiquinone biosynthesis</b>	
	16 $\alpha$ -hydrodehydroepiandrosterone	4.9	Vitamin K2	65.6
	Estrone 3-glucuronide	63.9		
	Estrone	12.5		
	<b>Prostaglandin and leukotriene metabolism</b>			
	20-carboxy-leukotriene B4	5.2		
	11-epi-prostaglandin F2 $\alpha$	6.3		
	<b>Fatty acid biosynthesis</b>			
	Palmitic acid (PAL)	2.6		
	<b>TCA cycle</b>			
	Cis-Aconitate	9		