

Supplementary Table 2. Examples of how to calculate the predicted concentration of linoleic acid (18:2n6) for a 30 days old wild type male^a (with explanations) and a 15 days old heterozygote female mouse^b (to the right) according to Laird NM &Ware JH, *Biometrics* 1982; **38**: 963-74.

Linoleic acid (mol%)		Example:			
Variable	Coefficient	Mice 1 ^a		Mice 2 ^b	
Age (log days)	-0.80	$\log_e(30)^c$	$\log_e(30)^c * -0.80^d$	$\log_e(15)$	$\log_e(15)^c * -0.80$
Sex					
Female (ref.)	0	No			
Male	-3.52	Yes	-3.52	No	
Age (log days)*Male	1.42		$1.42 * \log_e(30)$		
Allele					
+/+	0 (ref.)	Yes			
+/-	-1.49	No		Yes	-1.49
-/-	-2.94	No		No	
Intercept	24.97		24.97		24.97
Predicted value (sum)			23.56 [#]		21.31

^c The age of the mouse in \log_e (days); ^d Coefficient multiplied with value of age; [#] The sum of all values in this column gives the concentration of 18:2n6 for the mouse that day.