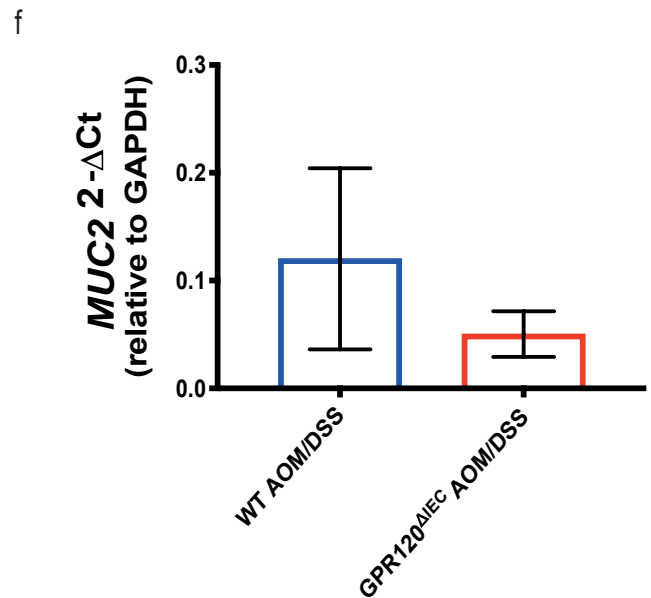
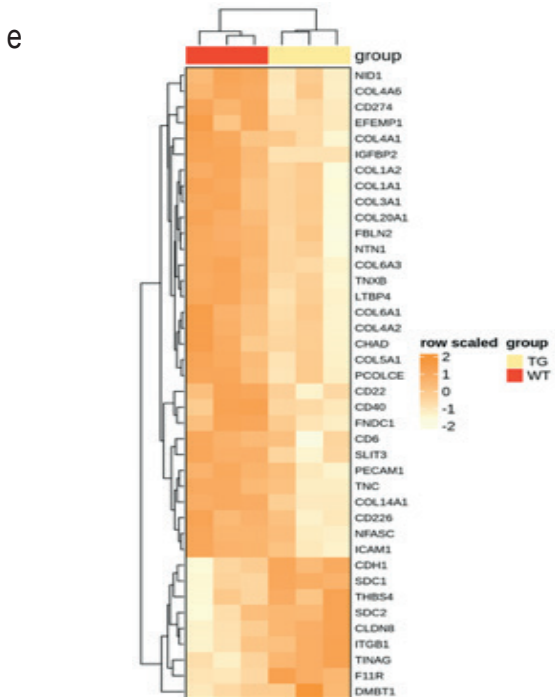
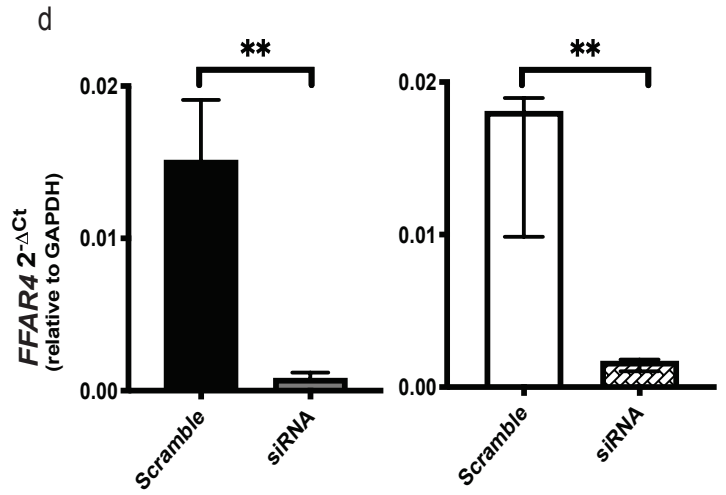
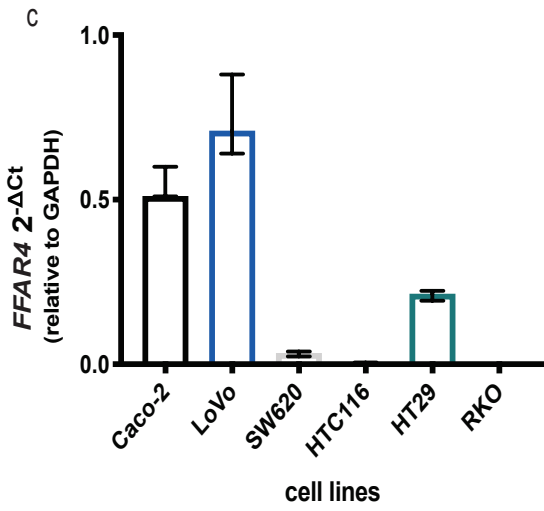
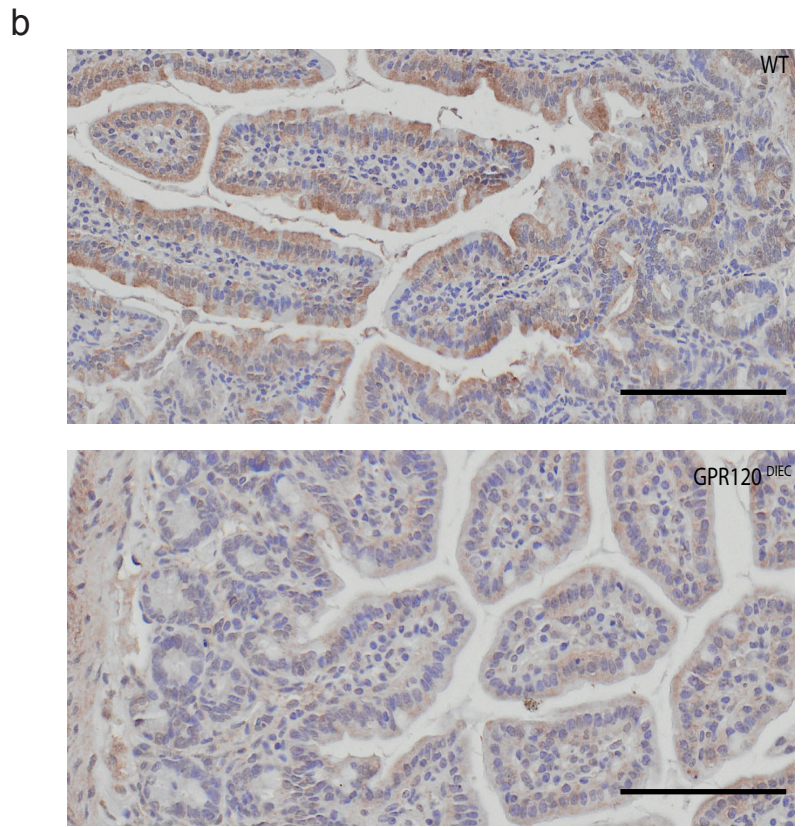
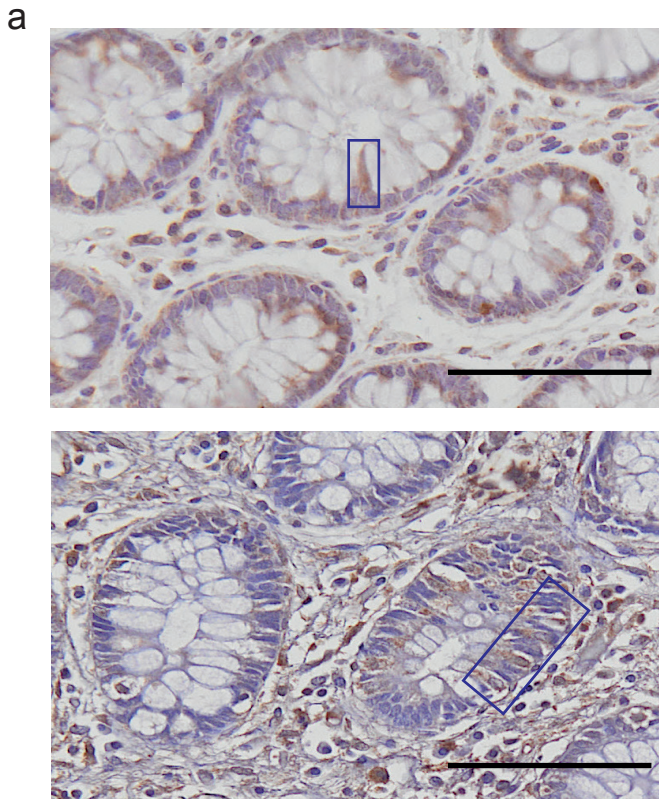


Supplementary Figure 1



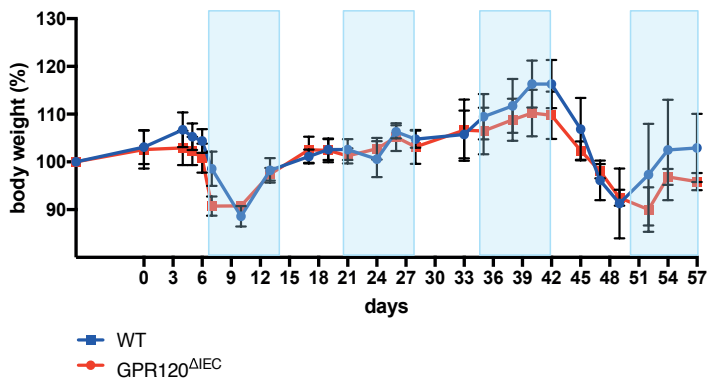
Supplementary Figure 2

a

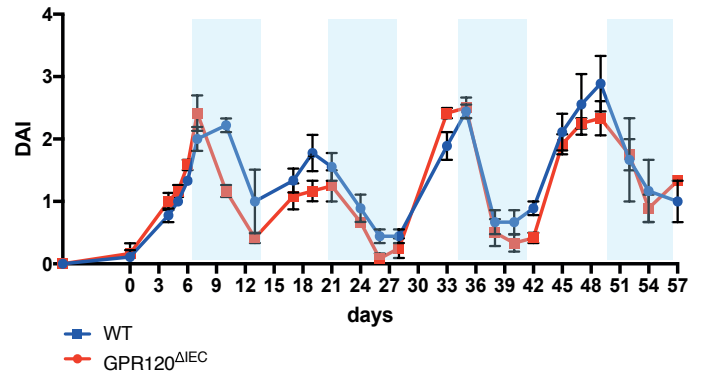
OTU nr.	Taxonomy	T8		log ₂ Fold Change	padj
		KO	WT		
276629	<i>p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;s_</i>	MIN	MAX	-7.31	1.8E-03
187959	<i>p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;s_</i>	MIN	MAX	-6.13	4.6E-02
348038	<i>p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;s_</i>	MIN	MAX	-8.48	2.8E-04
416078	<i>p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;s_</i>	MIN	MAX	-10.69	3.5E-08
264534	<i>p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;s_</i>	MIN	MAX	-6.63	1.4E-02
273997	<i>p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_</i>	MIN	MAX	-5.38	3.0E-02
268352	<i>p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_</i>	MIN	MAX	-5.58	4.6E-02
272334	<i>p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_</i>	MIN	MAX	-4.75	3.0E-02
581021	<i>p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_;s_</i>	MAX	MIN	7.80	4.6E-02

MIN
 MAX
 -11 to +8

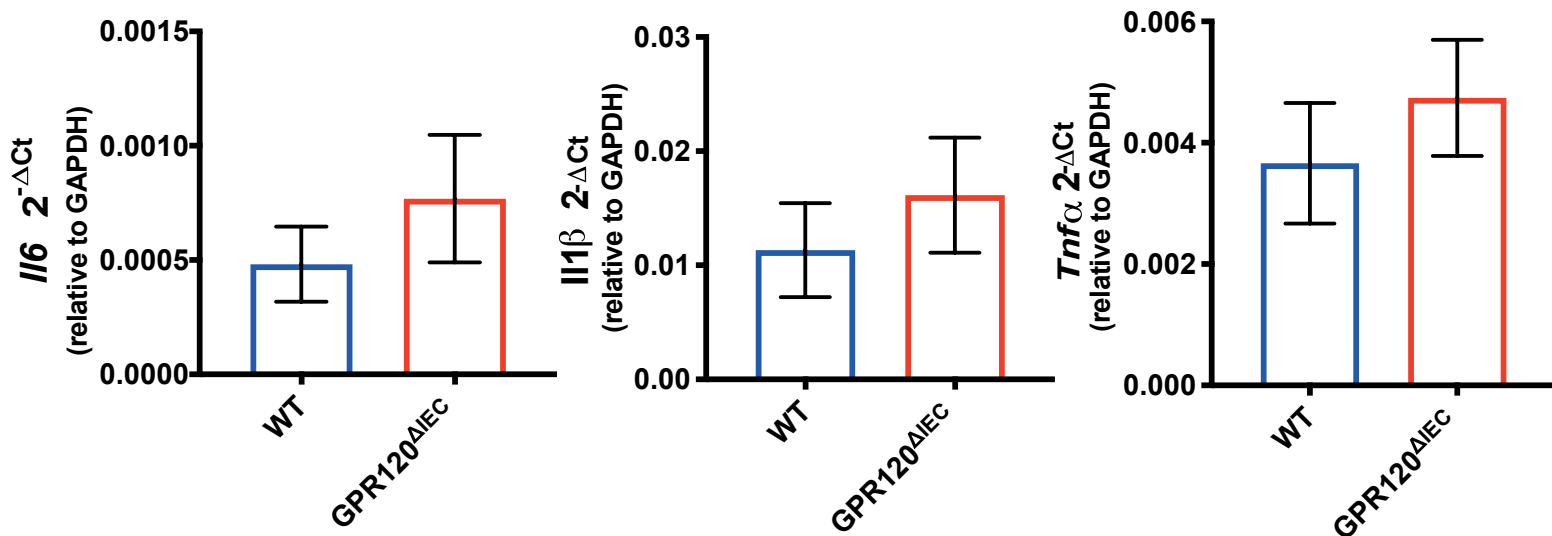
b



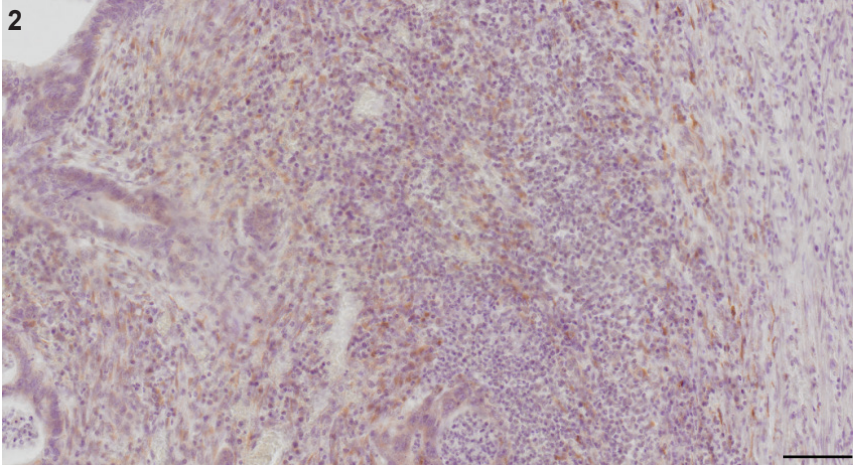
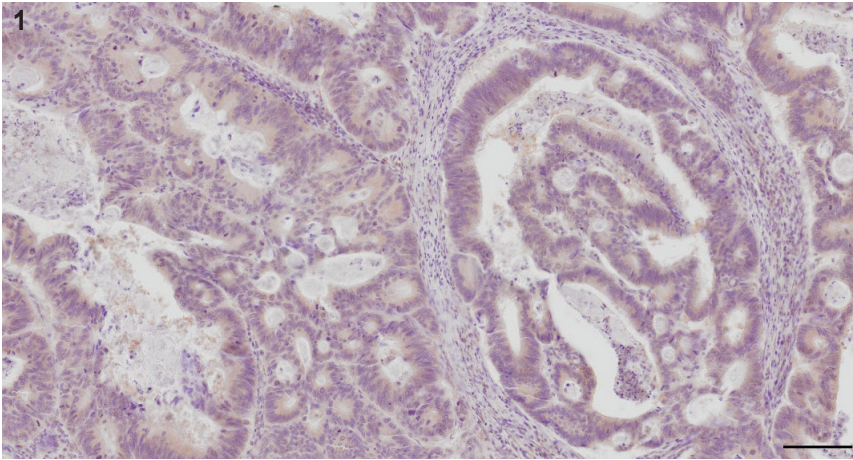
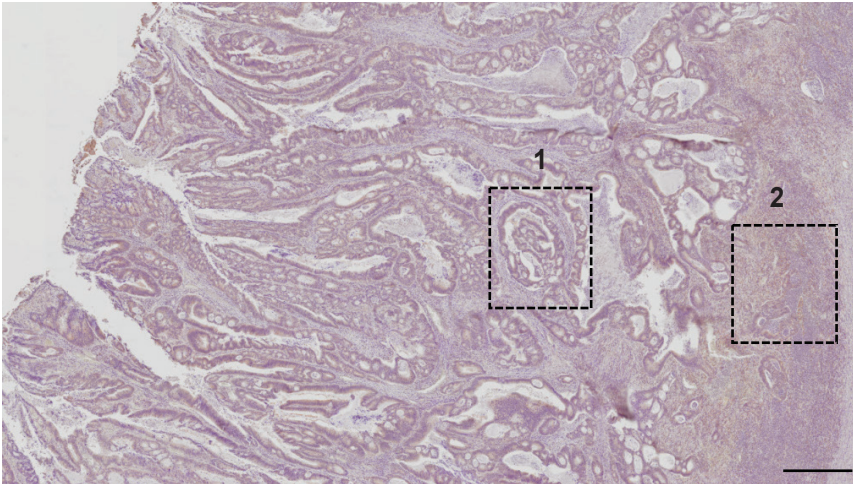
c



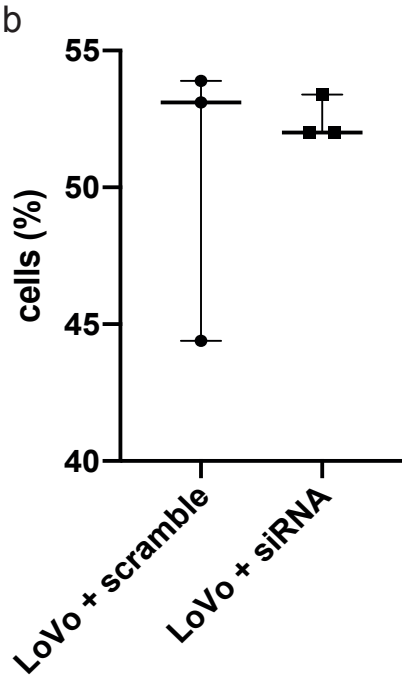
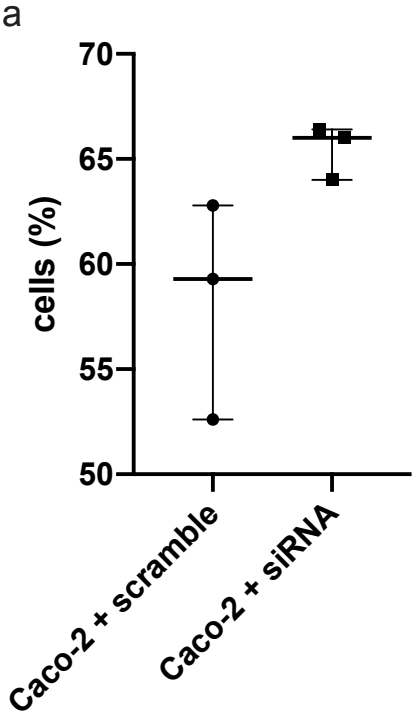
d



Supplementary Figure 3



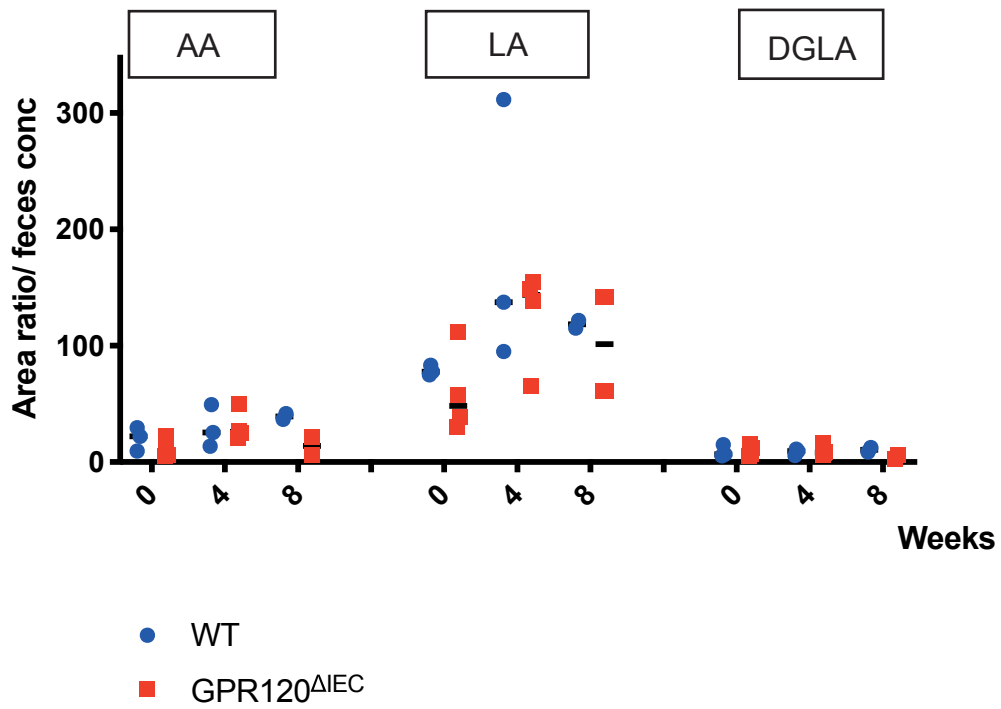
Supplementary Figure 4



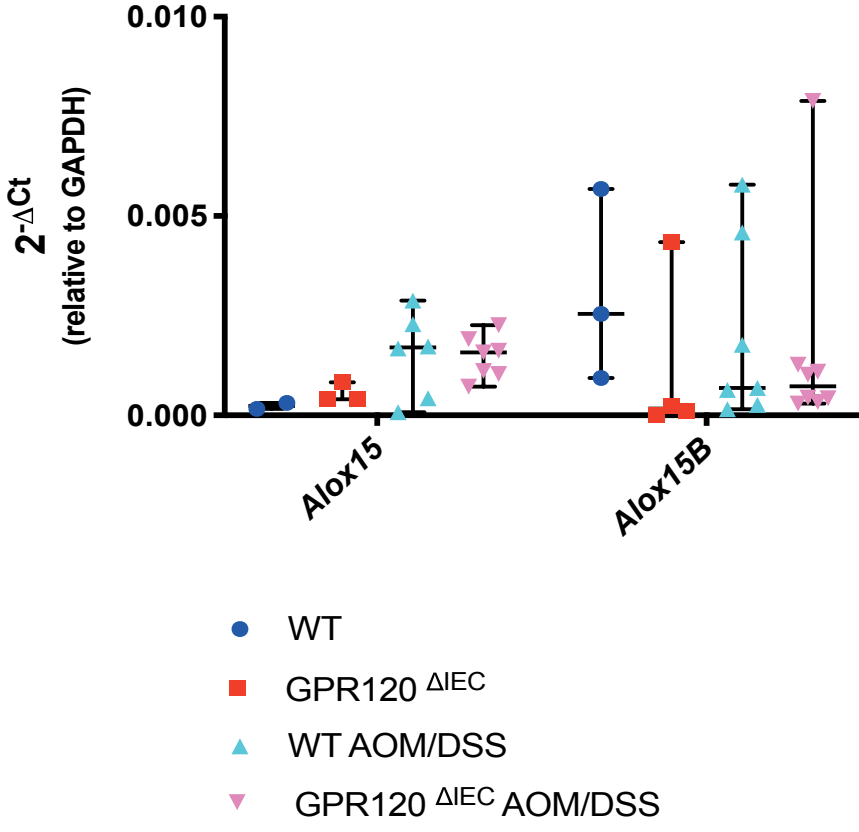
Supplementary Figure 5

a

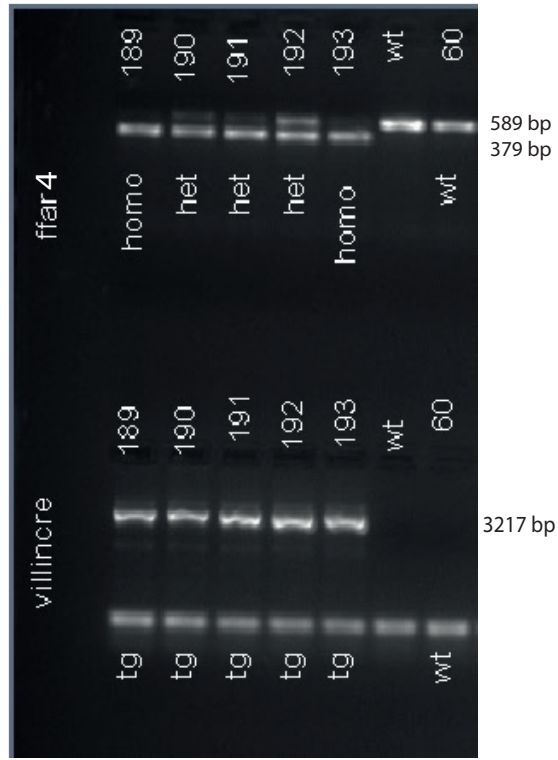
ω -6 PUFA



b



Supplementary Figure 6



Supplementary Figure 7

