

**Table S5.** Mean nonesterified fatty acid concentrations ( $\mu\text{mol/L}$ ) measured in umbilical vein plasma.

SGA Controls (n=12)			FGR (n=7)		P value
Free Fatty Acid	Median	IQR	Median	IQR	
14:0	4.904	3.94	7.619	5.91	0.104
16:1	2.457	5.59	7.586	15.02	0.059
16:0	52.921	35.30	86.109	20.79	<b>0.022</b>
18:3	0.072	0.04	0.144	0.07	<b>0.009</b>
18:2	17.368	19.59	41.869	28.50	0.056
18:1	28.071	31.36	57.558	46.02	<b>0.036</b>
18:0	19.649	9.17	27.206	14.41	<b>0.022</b>
20:4	7.521	3.52	9.688	12.35	<b>0.013</b>
20:5	0.215	0.19	0.264	0.40	0.217
22:6	3.044	3.40	4.353	2.86	0.142

Mann Whitney nonparametric test performed for non-normally distributed data, presented as median and IQR. **Bold** indicates statistical significance. X:Y nomenclature where X is number of carbon atoms and Y is number of double bonds. Abbreviations: SGA, small for gestational age; FGR, fetal growth restriction; IQR, interquartile range