

Table S6. Mean triglyceride concentrations (pmol/mg protein) measured in placenta homogenate.

| SGA Controls (n=12) | | | FGR (n=8) | | |
|---------------------|---------|--------|-----------|--------|--------------|
| TG Compound | Median | IQR | Median | IQR | P value |
| 48:1 | 0.000 | 3.45 | 11.800 | 17.78 | 0.008 |
| 48:0 | 16.750 | 21.58 | 35.250 | 26.38 | 0.020 |
| 50:2 | 94.400 | 60.10 | 93.000 | 103.98 | 0.305 |
| 50:1 | 121.350 | 59.08 | 152.550 | 131.48 | 0.057 |
| 50:0 | 6.850 | 19.20 | 9.950 | 31.53 | 0.294 |
| 52:4 | 6.500 | 35.28 | 6.350 | 83.28 | 0.721 |
| 52:3 | 153.650 | 139.03 | 110.750 | 282.25 | 0.792 |
| 52:2 | 185.400 | 121.93 | 213.900 | 231.05 | 0.270 |
| 52:1 | 35.750 | 37.05 | 43.850 | 42.53 | 0.296 |
| 54:6 | 6.650 | 39.85 | 7.700 | 62.28 | 0.898 |
| 54:5 | 31.400 | 92.35 | 39.950 | 142.83 | 0.717 |
| 54:4 | 21.000 | 75.55 | 37.950 | 117.23 | 0.388 |
| 54:3 | 57.650 | 92.58 | 74.550 | 74.30 | 0.343 |
| 54:2 | 2.700 | 20.50 | 18.500 | 31.05 | 0.115 |
| 56:7 | 15.800 | 54.83 | 12.050 | 76.88 | 0.831 |
| 56:6 | 7.650 | 47.33 | 2.850 | 71.45 | 0.831 |

Mann Whitney nonparametric test performed for non-normally distributed data, presented as median and IQR. **Bold** indicates statistical significance. X:Y nomenclature used where X is total number of carbons on all 3 acyl chains and Y is number of double bonds. Abbreviations: SGA, small for gestational age; FGR, fetal growth restriction; TG, triglyceride; IQR, interquartile range