

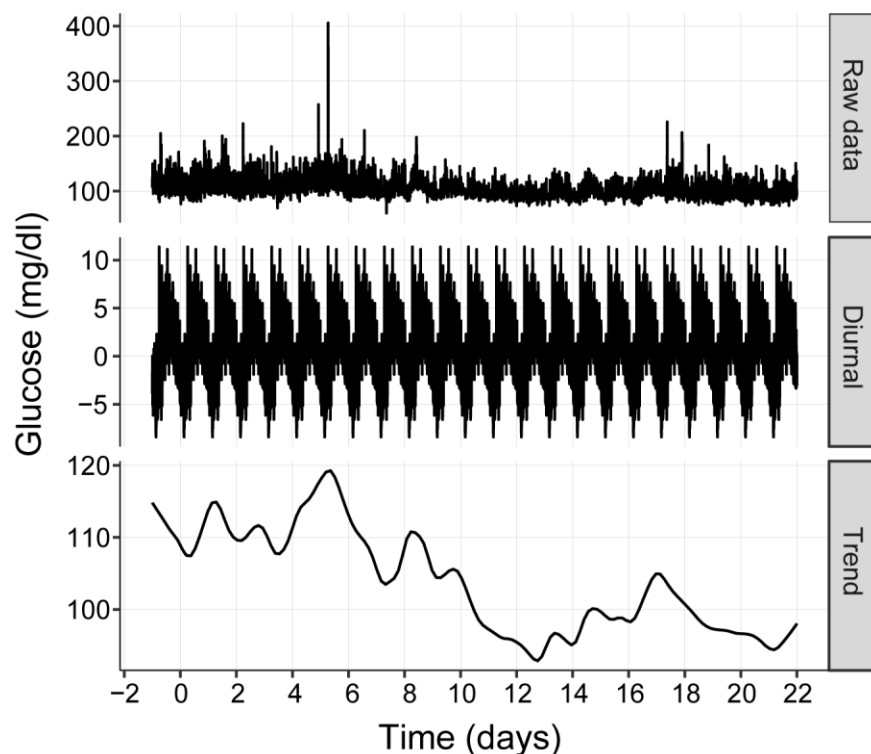
## Supplementary Material

### Continuous Blood Glucose Monitoring Reveals Enormous Circadian Variations in Pregnant Diabetic Rats

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Supplementary Figure S1:



Supplementary Figure 1. Analysis of continuous blood glucose monitoring during pregnancy. Representative blood glucose analysis of a normoglycaemic Tet29 pregnant rat (rat number 1 according to Figure 1A). Shown are measured raw data (first line) and the diurnal curve (second line), which displays the constant averaged rhythm of the whole analysis. The trend curve in blood glucose (third line) is an extreme smoothing of the data that results after subtraction of diurnal data from raw data. During pregnancy, the mean blood glucose was  $103 \pm 11$  mg/dl, the highest blood glucose value was 118 mg/dl (pregnancy day 5), and the lowest blood glucose value 93 mg/dl (pregnancy day 12). There was a trend of blood glucose decrease during the time of pregnancy.