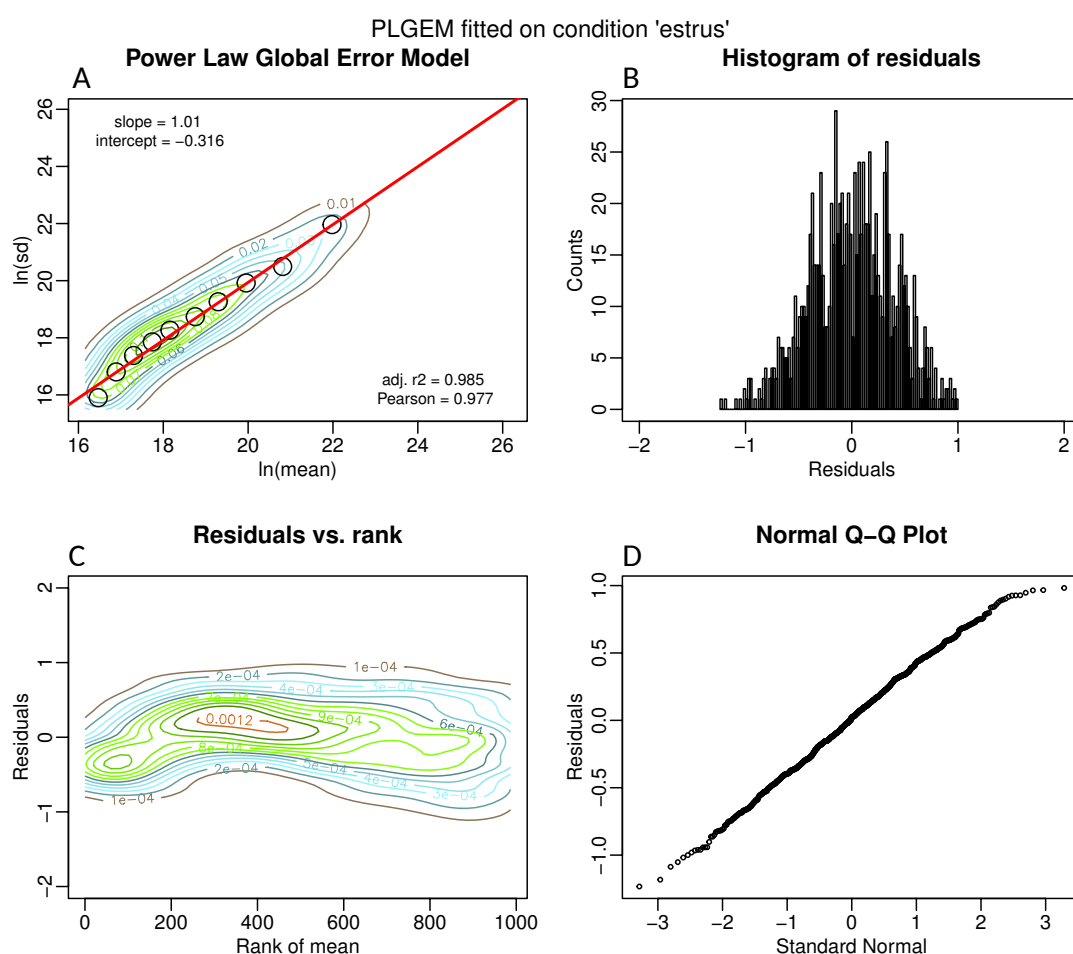


Differential regulation of vaginal lipocalins (OBP, MUP) during the estrous cycle of the house mouse

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Supplementary figure 1: Details of the Power Law Global Error Model (PLGEM)³⁷:

A – the model fitting on a female experimental condition (i.e. estrus) thus setting the baseline for PLGEM modelling, B – the histogram of residuals shows symmetric data distribution over the $x=0$, C – distribution of residuals show a flat distribution over the $y=0$, and D – the normal quantile-quantile plot shows almost the straight line ($y=x$) thus revealing that PLGEM is an amenable model to test differences in protein abundances from our normalized data (see citation³⁷).