parametric Wilcoxon rank-sum test (adjusted p < 4.62 x 10-2 (Fig. 6A, Table 8).

Applying the same methods to GPR83, we found that GA induced significantly higher levels of expression than PG: ANOVA (adjusted p < 4.75 x 10-8), LIMMA with background subtraction (adjusted p < 8.67 x 10-10), comparative marker selection using signal-to-noise (adjusted p < 1.34 x 10-2) and t-test (adjusted p < 1.49 x 10-2), and a non-parametric Wilcoxon rank-sum test (adjusted p < 3.45 x 10-4, Fig. 2B). GPR83 is also in the top 20 probes by fold change from GA compared to PG (Table 8).

Table 8: Comparison of expression in GA to expression in ~~GA~~ PG for each probe, including fold change, ANOVA, LIMMA with background subtraction, comparative marker selection by signal-to-noise ratio, comparative marker selection by t-test, and the Wilcoxon non-parametric method.