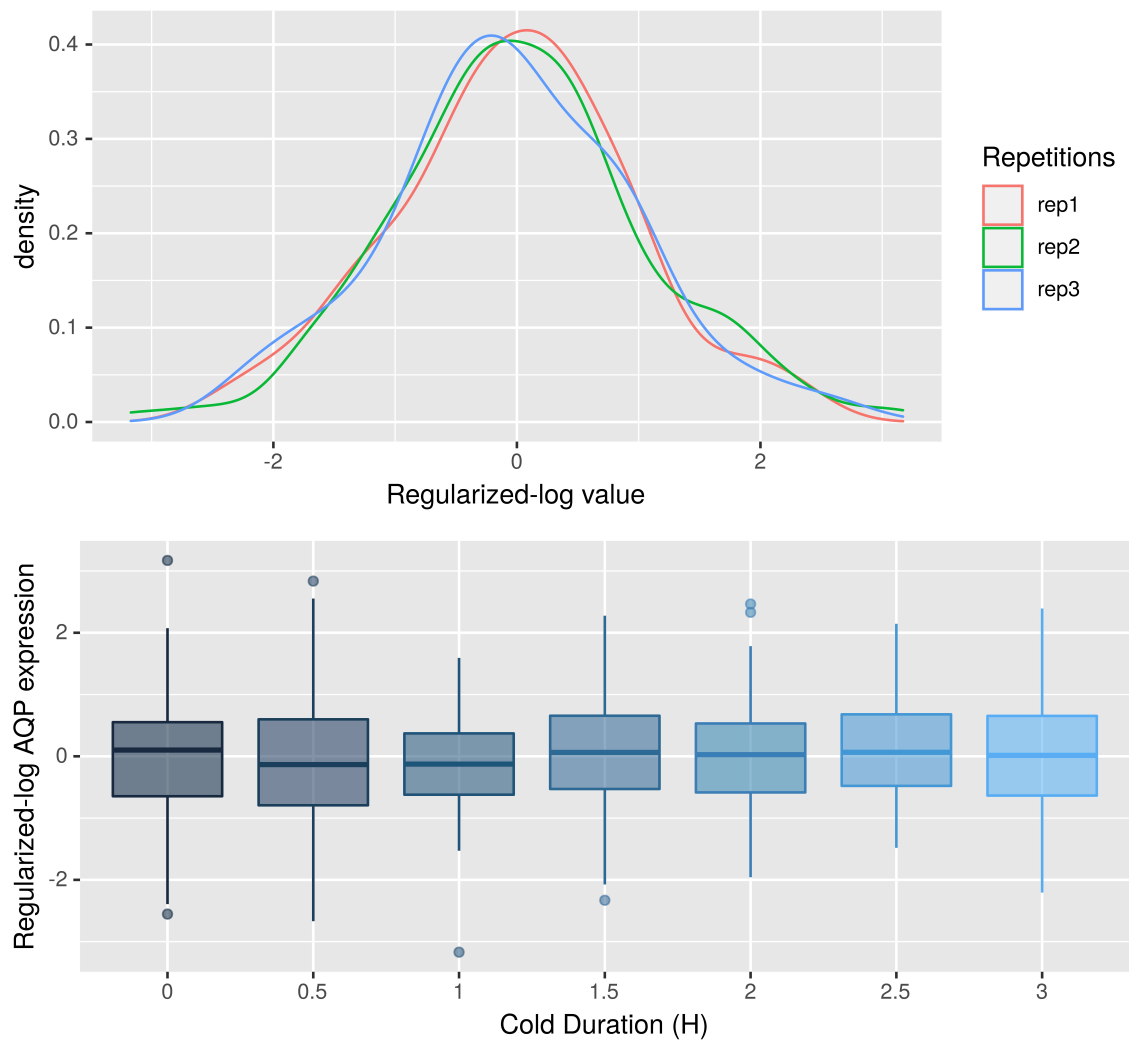


Figure S11

(a) Distribution and homocedasticity



(b) Analysis of variance

term	df	sumsq	meansq	statistic	p.value	contribVariance
Hour	1	1.219	1.219	1.169	0.2802	50.4 %
rep	2	0.2273	0.1136	0.109	0.8968	4.7 %
Hour:rep	2	0.08567	0.04284	0.04108	0.9598	1.8 %
Residuals	388	404.6	1.043			43.1 %

**Figure S11. Exploratory data analysis of Cold Stress experiment.** (A) Normality of regularized-log AQP expression data and homoscedasticity. (B) Analysis of variance. The effect of Hour on the expression value is very weak (no significance), although it contributes half to the global variance. This is 43% of the variance which are not explained by the experimental design.