

Figure 1. A) Distribution of percent methylation across all interrogated CpG sites for the four genes. Stars indicate significant differences in methylation between the two sampling points. B-D: Percent methylation at CpG sites of genes CRH, FKBP5, and GR.

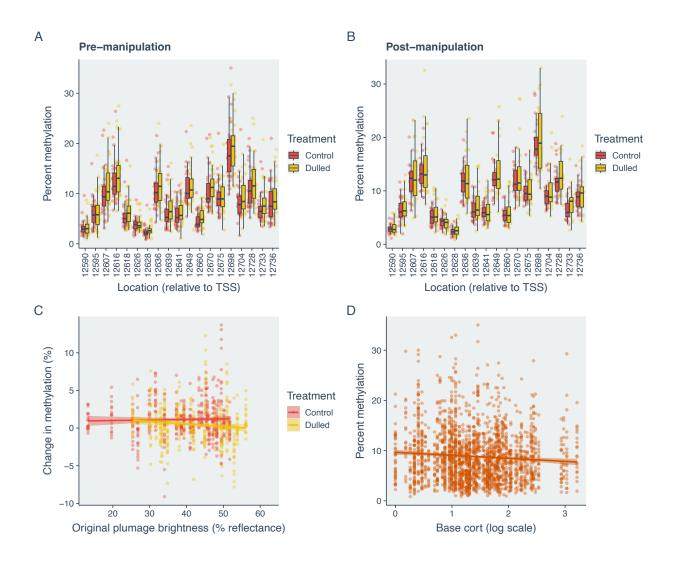


Figure 2. Percent methylation at CpG sites in CRHR1 before plumage dulling (A) and approximately 14 days post-manipulation (B). There was a significant interaction between the original plumage brightness of individual birds and the effect of treatment on methylation in CRHR1 (C). Baseline corticosterone and percent methylation of CRHR1 were significantly negatively correlated (D).