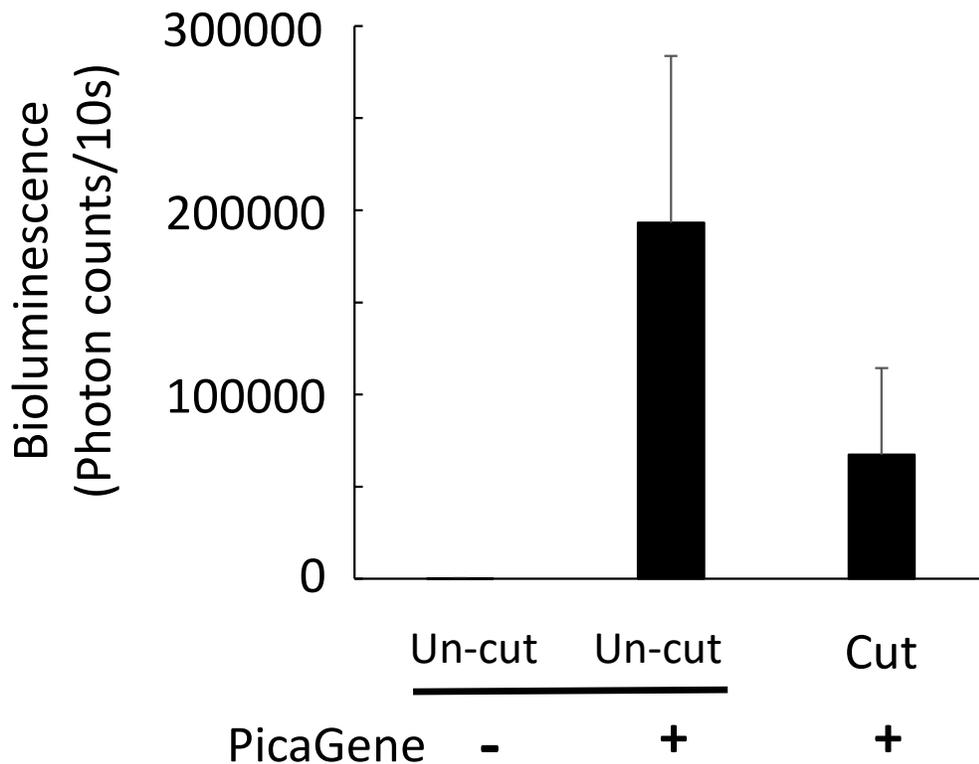


Supplementary Figure S1. Effects of MAP on blood glucose, body weight, and water intake:

Blood glucose content, body weight and water intake during MAP injection. Each plot indicates the mean \pm S.D. ($n=4$). There were no differences in blood glucose, body weight, and water intake during MAP injection.



Supplementary Figure S2. *Per1* expression in a single whisker hair using the direct method:

– and + indicate the measurement of *Per1* expression with no PicaGene solution and with PicaGene solution, respectively. The un-cut group indicates direct measurement of *Per1* expression in a whisker hair. The cut group indicates the measurement of *Per1* expression from longitudinally cut whisker samples (vertically halved samples). Statistical significance was determined by one-way ANOVA followed by Dunnett's test ($n=4$ animals) (* $P<0.05$ vs un-cut (-) group).

Supplementary FigureS2