FIGURE S4. Analysis of 5-HT stability in solution. The stability of 5-HT in solution was evaluated by testing its ability to induce egg laying in WT animals. 5-HT was dissolved in M9 buffer to give the final concentration of 5 mg/ml 5HT, and the solution was stored in dark at 20°C. To test the response to 5-HT, animals were placed individually into wells of a 96-well plate, with each containing 100 ml of M9 buffer or M9 buffer containing 5-HT. The number of eggs laid was scored after 60 min. Animals did not lay egg in M9 buffer (data not shown) (Trent et al. 1983). There is no significant difference in the number of eggs laid between animals incubated in the solution at these four time points (p > 0.4 Student’s t-test).

Reference