

	Dose of bicuculline (BMI; mM):					
	1	2	3	4	5	10
p170y50					ND	S
p148y88					ND	
bl43p196				ND		
pu43g13			ND			
o174br12	ND					

Supplementary Figure 2. Depiction of singing behavior and datasets analyzed for experiments involving BMI. Outlined boxes indicate doses that each bird received. Two birds received only one dose of BMI because experiments had to be discontinued due to probe damage. The black box with “S” denotes an experiment in which infusion of BMI suppressed song (only 1 songs produced during the experimental period). We were able to analyze song on the days in which birds produced >10 songs during the experimental period (non-black boxes). To analyze the effects of BMI on song structure, we analyzed songs following infusions of the highest dose of BMI examined that did not suppress song; these experiments are indicated with “ND” (non-degraded song).