

The following are the data from the experimental section of this manuscript on the Y-type olfactometer:

Table S1. Selection of different odor substances in bees after feeding cyclopamine

Odor Selection	Control		Cyclopamine		P
	Odor Selection	Blank selection	Odor Selection	Blank selection	
6-methyl-5-heptene-2-one(6-M)	32	18	28	22	0.524
linalool	29	21	6	44	<0.0001
neral	34	16	23	27	0.006
VUAA1	25	25	14	36	0.001
myrcene	34	16	13	37	<0.0001

Table S2. Selection of different odor substances in bees after feeding purmorphamine

Odor Selection	Control		Purmorphamine		P
	Odor Selection	Blank selection	Odor Selection	Blank selection	
6-methyl-5-heptene-2-one(6-M)	12	38	23	27	0.002
linalool	16	34	30	20	<0.0001
neral	17	43	20	30	0.465
VUAA1	24	26	29	21	0.569
myrcene	20	30	21	29	0.886