

## Serotonin

Gene Knockout/Knockin/ Overexpression*	Background	Operant	2BC	References
Tryptophan 5-hydroxylase 2 ( <i>Tph2</i> )	B6 × 129S6/SvEvTac		↑	Sachs et al., 2014 [306]
5-hydroxytryptamine receptor (5-HTR), 5-HTR <sub>1B</sub> ( <i>Htr1b</i> )	Not specified	↑ (23 h; 10% phase 1; males/females)		Risinger et al., 1999 [13]
	129/Sv-Ter 129/Sv		↑ males/females — males	Crabbe et al., 1996 [1] Bouwknicht et al., 2000 [22]
5-HTR <sub>3A</sub> * ( <i>Htr3a</i> )	B6 DBA/2J		↓ —	Metz et al., 2006 [131]
<i>Htr3a</i> *	B6	— (30 min)		McKenzie-Quirk et al., 2005 [92]
5-HTR <sub>6</sub> ( <i>Htr6</i> )	B6		—	Bonasera et al., 2006 [129]
Sodium-dependent serotonin transporter ( <i>Slc6a4</i> )	B6	↓ (90 min)		Lamb and Daws, 2013 [300]
	B6		↓	Kelai et al., 2003 [50]
	B6		↓ intake 7%; females	Boyce-Rustay et al., 2006 [142]

—, ↓, ↑: no significant difference, decreased ethanol intake and/or preference, or increased ethanol intake and/or preference, respectively, in mutant vs. wildtype mice. Male mice were tested unless indicated otherwise. Ethanol intake in the two-bottle choice (2BC) test was measured in 24-h sessions. Drinking session times for the operant test are indicated in parenthesis. Recommended mouse protein and gene (in italics) names are from Uniprot. B6 refers to C57BL/6J and mice.