Supplemental Table 1
## ANOVAs for all measures included in factor analysis

Group effects from a two-way ANOVA (p-values)	Genotype	Dox	Interaction
DRL: burst responses	0.0857	0.1728	0.0261
DRL: peak response latency	0.0030	0.2396	0.0113
Go/No-Go: False Alarm Rate	0.0792	0.9309	0.3486
Go/No-Go: Hit Rate	0.1385	0.5716	0.3985
Open Field Activity	0.6539	0.2817	0.9842
Progressive Ratio Lever Presses	<.0001	<.0001	0.0005
Delayed Discounting Slope	0.1492	0.7590	0.3841
Probabilistic Discounting Slope	0.1376	0.5199	0.5699

| Effect of sex from a three-way ANOVA (p-values)	Sex	Sex x Genotype
DRL: burst responses	0.0235	0.8248
DRL: peak response latency	0.0067	0.4797
Go/No-Go: False Alarm Rate	0.0687	0.1098
Go/No-Go: Hit Rate	0.6279	0.7840
Open Field Activity	0.0479	0.4281
Progressive Ratio Lever Presses	0.3370	0.3511
Delayed Discounting Slope	0.1826	0.2462
Probabilistic Discounting Slope	0.0227	0.0263

Supplemental Figure 1
Distribution of lever presses in DRL
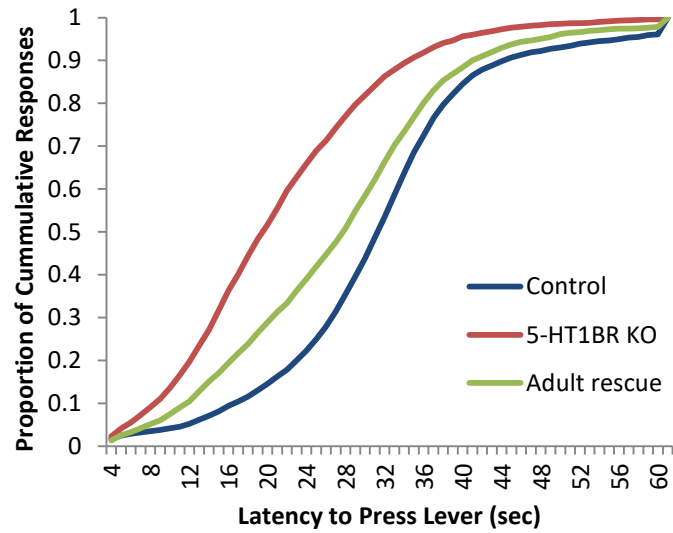
Supplemental Figure 2
Sex by genotype interaction for probabilistic discounting
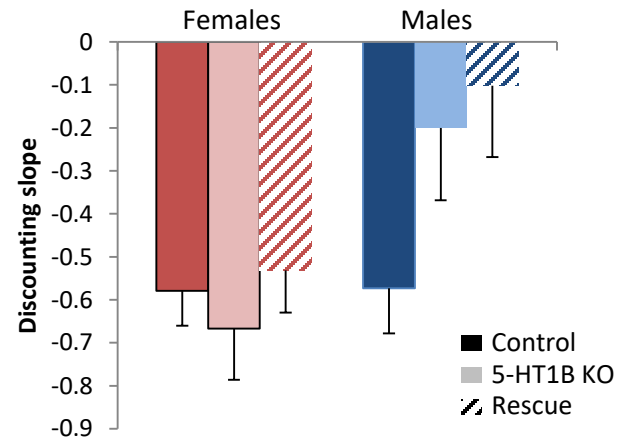
Supplemental Table 2
Three factor model

Three-factor model

	Factor1	Factor2	Factor 3
DRL: burst responses	**0.624**	0.117	-0.014
DRL: peak response latency	**-0.665**	-0.017	-0.161
Go/No-Go: False Alarm Rate	0.005	**0.999**	0.001
Go/No-Go: Hit Rate	**0.271**	0.234	0.007
Open Field Activity	**0.433**	-0.097	-0.043
Progressive Ratio Lever Presses	**0.953**	-0.083	0.008
Delayed Discounting Slope	-0.027	0.047	**0.455**
Probabilistic Discounting Slope	0.008	-0.012	**1.006**
Correlation of factors	1.000		
	0.561	1.000	
	0.199	0.251	1.000

Supplemental Table 3
Exploratory Factor Analysis in Controls Only

Two-factor model

	Factor1	Factor2
DRL: burst responses	**0.433**	-0.303
DRL: peak response latency	**0.819**	0.076
Go/No-Go: False Alarm Rate	**-0.736**	0.133
Go/No-Go: Hit Rate	**0.814**	-0.015
Open Field Activity	**0.709**	0.218
Progressive Ratio Lever Presses	**0.315**	0.015
Delayed Discounting Slope	-0.002	**1.003**
Probabilistic Discounting Slope	0.146	**0.500**
Correlation of factors	1.000	
	-0.002	1.000