

Supplementary Table 1 Chamber time and total travel distance in social interaction test of mice with chronic administration of JHU-083

Group	Chamber with empty cage (s)	Chamber with Stranger1 cage (s)	Center Chamber (s)	Total travel distance (cm)
Ctr+Vehicle	225.56±12.31	280.90±6.29	93.54±14.14	2901.40±142.05
CSDS+Vehicle	215.93±6.62	231.09±7.74	152.97±8.45	3149.75±190.27
Ctr+JHU-083	216.83±9.77	281.64±8.55	101.53±12.35	2987.23±452.40
CSDS+JHU-083	205.55±9.67	253.00±10.36	141.45±10.24	3158.78±197.48

Data are presented as the mean ± SEM. Ctr + vehicle, n = 6; Ctr + JHU-083, n = 6; CSDS + vehicle, n = 11; CSDS + JHU-083, n = 10.

Supplementary Table 2 Chamber time and total travel distance in social novelty test of mice with chronic administration of JHU-083

Group	Chamber with Stranger1 cage (s)	Chamber with Stranger2 cage (s)	Center Chamber (s)	Total travel distance (cm)
Ctr+Vehicle	197.12±14.01	299.95±17.56	102.93±12.71	2488.78±244.98
CSDS+Vehicle	187.23±20.21	193.71±23.84	219.06±33.04	3128.18±227.27
Ctr+JHU-083	184.33±20.13	292.40±15.19	123.27±22.44	2788.27±495.05
CSDS+JHU-083	174.70±20.57	204.63±26.43	220.67±41.32	2768.29±83.71

Data are presented as the mean ± SEM. Ctr + vehicle, n = 6; Ctr + JHU-083, n = 6; CSDS + vehicle, n = 11; CSDS + JHU-083, n = 10.