

Three-chamber Sociability & Social Novelty Test

Mouse Strain: BTBR T+tf/J
 Sex: Male
 Trial Length: 10min
 Color Coding: Group 1: Wildtype Group 2: BTBR

Time in Chamber (min)

	Wildtype										BTBR								
Habituation Chamber 1	2.43	3.52	3.95	2.53	3.65	2.52	3.77		3.72	3.65	3.37	3.03	3.70	2.95	3.97	4.33	2.53	4.25	3.23
Habituation Chamber 2	3.00	3.82	3.35	3.43	3.57	3.62	3.15		2.35	2.43	4.28	3.68	3.07	2.03	3.18	1.05	3.75	2.78	4.28
Habituation Chamber 3	4.50	2.60	2.65	3.95	2.72	3.82	3.02		3.88	3.85	2.28	3.23	3.17	4.95	2.80	4.57	3.65	2.93	2.43
Sociability Mouse 1	3.47	4.87	6.92	3.77	3.77	4.47	4.75	5.80	5.98	4.48	6.50	6.53	5.72	3.27	6.52	6.12	5.55	4.40	6.32
Sociability Empty	1.07	2.25	0.97	2.18	1.72	1.02	2.03	1.42	1.43	2.38	1.55	0.85	1.05	0.53	1.40	1.42	1.77	0.98	1.47
Sociability Object	5.38	2.82	2.05	3.98	4.47	4.47	3.13	2.73	2.52	3.07	1.88	2.57	3.17	6.15	2.03	2.40	2.62	4.58	2.15
Social Novelty Mouse 2	4.45	3.22	5.05	2.95	5.27	2.22	4.78	4.85	6.13	2.70	4.28	4.32	3.27	3.70	5.88	4.75	2.67	3.40	4.70
Social Novelty Empty	1.57	3.58	1.87	2.12	1.40	2.38	1.95	1.93	1.77	2.38	2.08	2.12	1.12	0.87	1.18	1.35	1.00	1.85	2.20
Social Novelty Mouse 1	3.92	3.15	3.03	4.87	3.03	5.35	3.22	3.15	2.02	4.87	3.58	3.48	5.53	5.38	2.88	3.83	6.28	4.70	3.03

Number of Chamber Entries

	Wildtype										BTBR								
Habituation 1 to 2	10	23	24	21	25	12	17		15	11	10	12	14	11	11	4	14	12	10
Habituation 2 to 1	10	23	24	21	25	12	17		15	11	10	12	14	11	11	5	14	12	10
Habituation 2 to 3	8	20	20	25	21	13	20		16	11	7	15	13	12	11	4	12	8	11
Habituation 3 to 2	8	20	20	25	20	12	19		15	10	7	14	13	12	11	4	12	7	10
Sociability 1 to 2	8	25	16	18	16	12	15	13	13	11	11	12	15	4	12	9	11	13	11
Sociability 2 to 1	9	25	17	18	17	12	15	13	13	11	12	13	15	4	13	10	11	13	11
Sociability 2 to 3	10	22	13	17	16	13	14	12	9	12	9	12	16	6	8	8	10	12	9
Sociability 3 to 2	10	22	13	16	16	12	13	12	8	11	9	12	15	5	8	8	9	11	8
Social Novelty 1 to 2	16	18	14	16	10	10	10	14	10	9	13	17	14	13	14	15	15	16	15
Social Novelty 2 to 1	17	18	15	16	10	10	10	14	11	9	14	17	14	13	14	16	15	16	16
Social Novelty 2 to 3	14	19	14	19	11	15	11	12	7	11	12	16	16	14	14	15	18	16	14
Social Novelty 3 to 2	14	18	14	19	10	14	10	11	7	10	12	15	15	13	13	15	17	15	14