

Figure 1

discrimination index (%)												
	Sham			Model			TEAS			T+3-MA		
0	0.91	0.67	0.68	0.3	0.49	0.17	0.47	0.49	0.48	0.37	0.45	0.55
7d	0.73	0.71	0.75	0.57	0.41	0.48	0.63	0.66	0.5	0.45	0.43	0.57
14d	0.74	0.76	0.73	0.56	0.5	0.63	0.62	0.7	0.76	0.5	0.51	0.59
alternating percentage (%)												
	Sham			Model			TEAS			T+3-MA		
14d	0.86	0.73	0.8	0.5	0.57	0.61	0.67	0.67	0.78	0.5636	0.5	0.6
Swimming speed (cm/s)												
	Sham			Model			TEAS			T+3-MA		
14d	24.762	24.705	33.696	19.496	23.762	36.162	34.975	33.539	36.967	29.313	24.486	25
Latency to platform (s)												
	Sham			Model			TEAS			T+3-MA		
14d	15.25	32.75	27	60	55	60	20.52	37.25	14	37	60	55
Times of crossing the original platform												
	Sham			Model			TEAS			T+3-MA		
14d	6	7	7	2	4	4	6	6	5	4	3	4
Time spent on the original platform (s)												
	Sham			Model			TEAS			T+3-MA		
14d	13.6	11.8	15.6	8.8	5.4	7.6	12.2	13	10.4	7.8	6.4	8.9

Figure 2

	Sham			Model			TEAS			T+3-MA		
LC3	0.8	0.93	0.76	0.09	0.19	0.29	0.79	0.89	0.99	0.12	0.54	0.53

Figure 3

	Sham			Model			TEAS			T+3-MA		
PINK1	0.39	0.62	0.49	0.17	0.22	0.14	0.31	0.34	0.33	0.21	0.25	0.24
Parkin	0.43	0.4	0.3	0.07	0.12	0.11	0.21	0.3	0.2	0.13	0.23	0.15

	Sham			Model			TEAS			T+3-MA		
LC3- I	0.12	0.1	0.09	0.5	0.46	0.44	0.2	0.17	0.1	0.36	0.32	0.13
LC3- II	0.56	0.54	0.35	0.1	0.16	0.09	0.46	0.41	0.18	0.24	0.23	0.12
p62	0.27	0.28	0.21	0.58	0.55	0.49	0.31	0.28	0.24	0.38	0.41	0.41