

Supplemental Table 1 Additional statistical measures of behavioural assessments. Statistics are reported as mean $\pm$ standard deviation								
	WT Saline		WT PolyI:C		ZnT3 KO Saline		ZnT3 KO PolyI:C	
	Female (n = 9)	Male (n = 12)	Female (n = 5)	Male (n = 13)	Female (n = 9)	Male (n = 7)	Female (n = 8)	Male (n = 7)
USVs								
Number of calls (n)	282.00 $\pm$ 169.881	297.08 $\pm$ 137.200	264.80 $\pm$ 99.535	358.77 $\pm$ 94.407	295.78 $\pm$ 161.794	362.83 $\pm$ 160.296	333.00 $\pm$ 167.244	483.71 $\pm$ 105.696
Length of calls (s)	0.069 $\pm$ 0.008	0.075 $\pm$ 0.011	0.069 $\pm$ 0.010	0.075 $\pm$ 0.009	0.071 $\pm$ 0.010	0.074 $\pm$ 0.011	0.075 $\pm$ 0.007	0.071 $\pm$ 0.005
Latency of call (s)	10.600 $\pm$ 14.762	11.846 $\pm$ 16.033	1.415 $\pm$ 1.570	10.627 $\pm$ 8.549	5.228 $\pm$ 10.029	3.613 $\pm$ 3.623	7.787 $\pm$ 8.130	3.031 $\pm$ 3.915
USV min 1	65.11 $\pm$ 46.482	68.08 $\pm$ 40.469	81.60 $\pm$ 58.943	69.23 $\pm$ 46.004	82.22 $\pm$ 44.432	110.33 $\pm$ 49.127	72.13 $\pm$ 59.237	141.43 $\pm$ 20.743
USV min 2	70.78 $\pm$ 50.719	82.83 $\pm$ 37.472	56.80 $\pm$ 40.295	97.08 $\pm$ 25.115	71.33 $\pm$ 49.115	92.83 $\pm$ 40.578	87.13 $\pm$ 51.546	133.29 $\pm$ 33.758
USV min 3	73.78 $\pm$ 44.614	75.67 $\pm$ 34.036	71.20 $\pm$ 37.851	98.69 $\pm$ 33.182	76.22 $\pm$ 44.280	86.50 $\pm$ 46.976	86.88 $\pm$ 29.821	115.14 $\pm$ 41.607
USV min 4	72.33 $\pm$ 48.234	62.17 $\pm$ 38.560	55.20 $\pm$ 30.614	93.77 $\pm$ 29.204	66.00 $\pm$ 55.064	73.17 $\pm$ 51.098	86.75 $\pm$ 46.665	93.86 $\pm$ 46.395
Open field								
Distance travelled (m)	39.986 $\pm$ 8.130	48.351 $\pm$ 15.548	58.137 $\pm$ 19.793	41.720 $\pm$ 16.307	43.818 $\pm$ 9.095	47.829 $\pm$ 13.893	43.782 $\pm$ 10.781	35.761 $\pm$ 5.504
Total time spent in centre (s)	62.378 $\pm$ 26.058	78.396 $\pm$ 26.016	63.576 $\pm$ 21.241	70.747 $\pm$ 35.592	65.089 $\pm$ 27.204	77.509 $\pm$ 28.596	77.989 $\pm$ 30.843	97.480 $\pm$ 62.557
Marble burying	0.842 $\pm$ 0.084	0.900 $\pm$ 0.100	0.685 $\pm$ 0.084	0.873 $\pm$ 0.056	0.864 $\pm$ 0.064	0.888 $\pm$ 0.086	0.763 $\pm$ 0.074	0.814 $\pm$ 0.097
3-Chamber social test	-0.33 $\pm$ 1.000	-0.17 $\pm$ 1.030	0.20 $\pm$ 1.095	0.23 $\pm$ 1.013	-0.11 $\pm$ 1.054	0.33 $\pm$ 1.033	0.00 $\pm$ 1.069	0.71 $\pm$ 0.756
PPI								
PPI5	22.387 $\pm$ 23.204	12.143 $\pm$ 17.919	31.114 $\pm$ 17.273	22.369 $\pm$ 16.761	15.385 $\pm$ 19.356	8.820 $\pm$ 13.636	28.891 $\pm$ 21.298	-4.431 $\pm$ 24.514
PPI10	18.890 $\pm$ 40.303	29.535 $\pm$ 19.331	37.552 $\pm$ 18.591	25.398 $\pm$ 25.390	28.692 $\pm$ 12.783	26.808 $\pm$ 17.239	36.861 $\pm$ 21.834	24.928 $\pm$ 7.410
PPI20	36.632 $\pm$ 23.325	50.179 $\pm$ 7.728	49.769 $\pm$ 16.067	44.268 $\pm$ 21.660	39.466 $\pm$ 17.975	34.734 $\pm$ 22.925	58.360 $\pm$ 9.434	47.213 $\pm$ 7.123