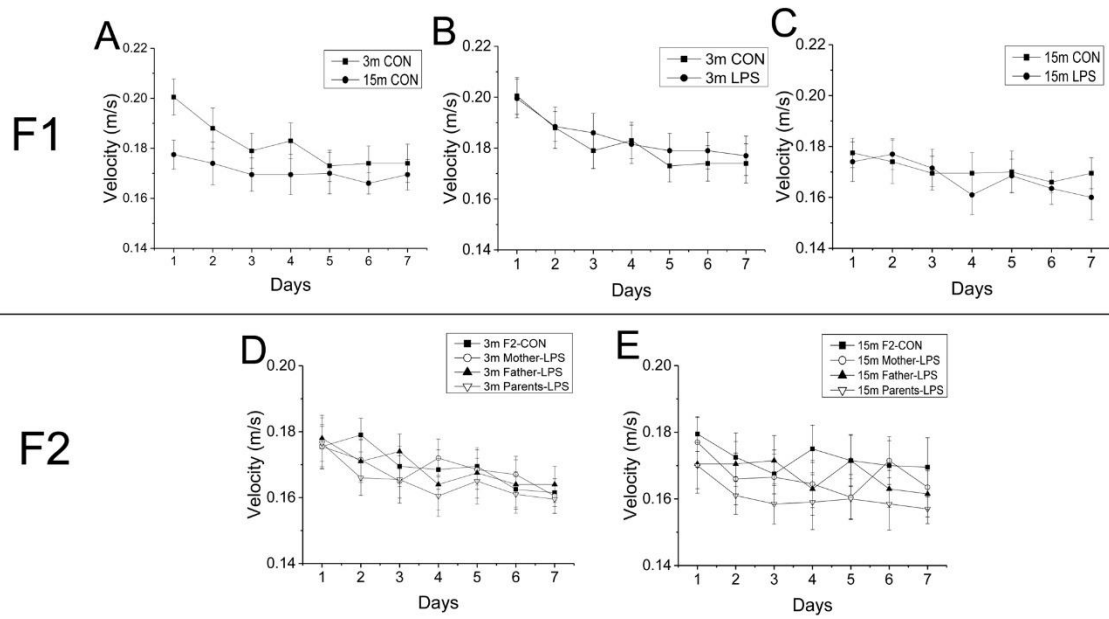




Additional file 1: the swimming velocity in F1 and F2 generation during learning phase. swimming velocity in F1 (A, B, C) and F2 generation (D, E). $n = 10$ per group. All data are present as the mean $\pm$ SEM. CON, mice exposed to saline in utero; LPS, mice exposed to inflammation in utero; F2-CON, the mice whose parents were exposed to saline or inflammation; Mother-LPS, mice whose mother had been exposed to inflammation in utero; Father-LPS, mice whose father had been exposed to inflammation in utero; Parents-LPS, whose parents were exposed to inflammation in utero.