

Supplementary Figure 1

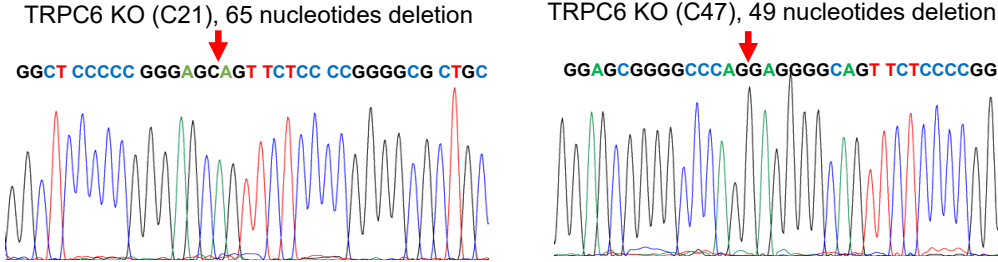
a

5'CTGCCCACTCGGCTCCCCCGGGAGCGGGGCCAGGCCAGTCGGGCGTTCCCGCCATGAGCCAGAGCCCGGCGTTCGGGCCCCGGAGGGGCAGTTCTCCCCGG 3'
 3'GACGGGTGAGCCGAGGGGGCCCTCGCCCCGGTCCGGTCAGCCCGCAAGGGCGGTACTCGGTCTCGGGCCGCAAGCCCGGGGCCTCCCCGTCAAGAGGGGCC 5'
 CAGCCCGCAAGGGCGGTACT (guide RNA)

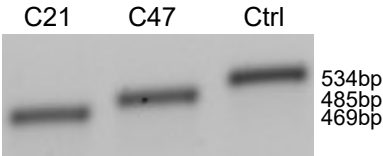
b

5'CTGCCCACTCGGCTCCCCCGGGAGCGGGGCCAGGCCAGTCGGGCGTTCCCGCCATGAGCCAGAGCCCGGCGTTCGGGCCCCGGAGGGGCAGTTCTCCCCGG 3' (Wild-type)
 5'CTGCCCACTCGGCTCCCCCGGGAGC-----AGTTCTCCCCGG 3' (TRPC6 KO, C21)
 5'CTGCCCACTCGGCTCCCCCGGGAGCGGGGCCAG-----GAGGGGCAGTTCTCCCCGG 3' (TRPC6 KO, C47)

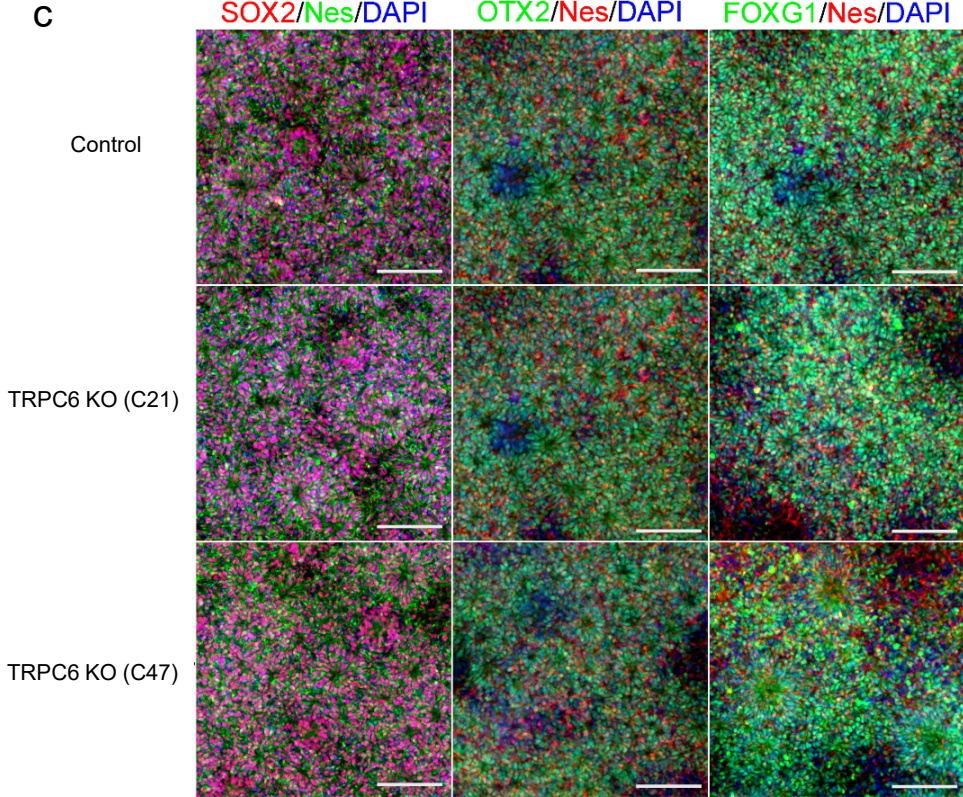
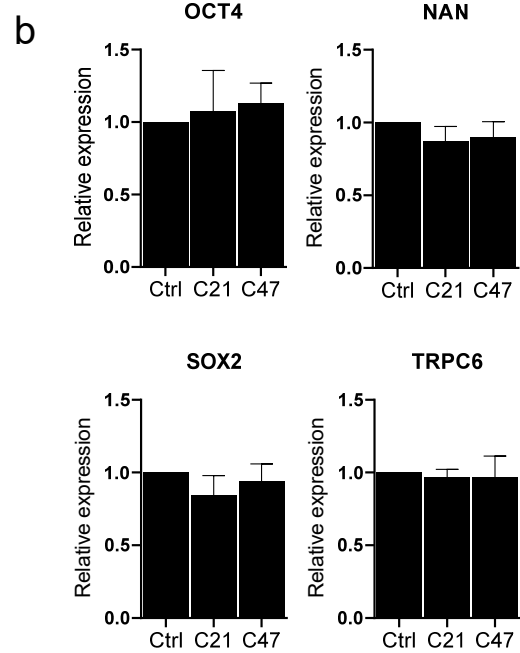
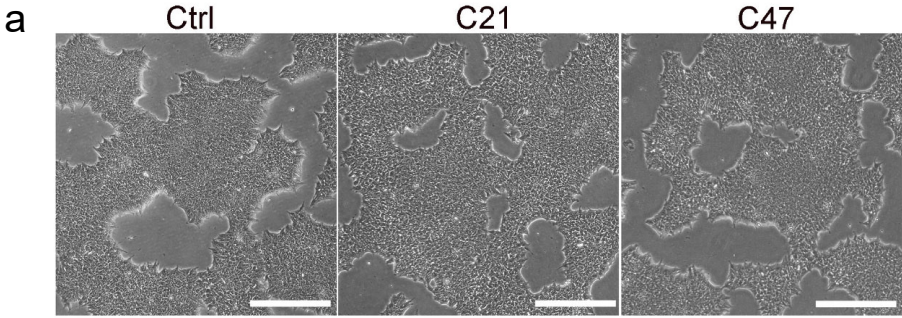
c



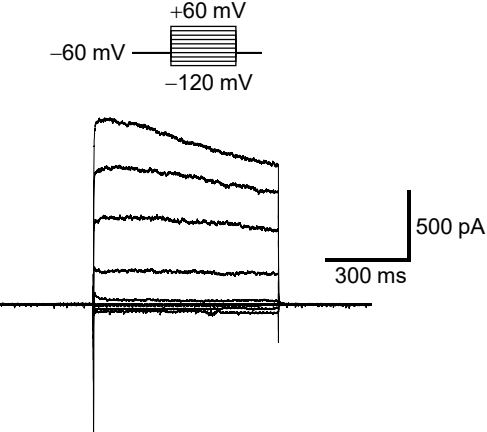
d



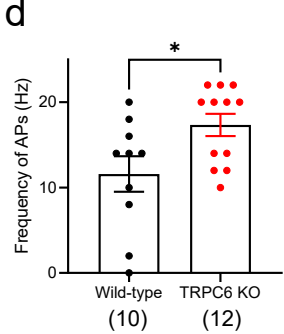
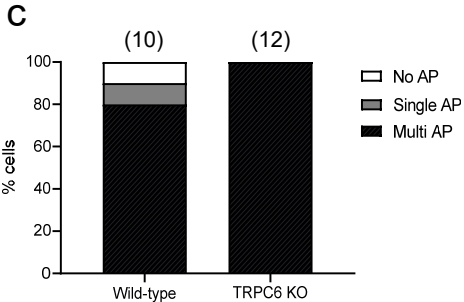
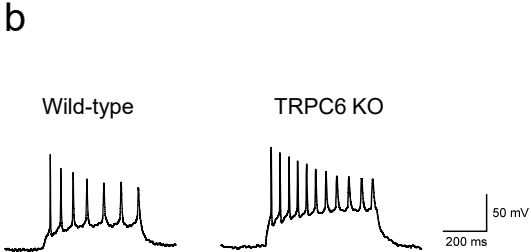
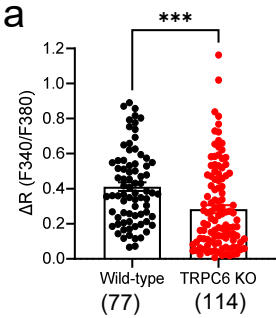
Supplementary Figure 2



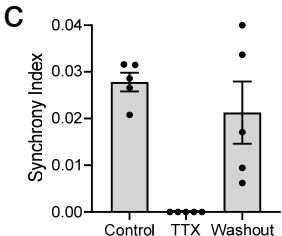
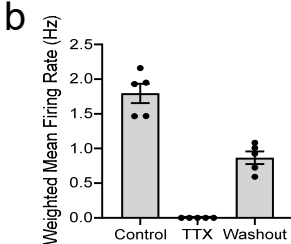
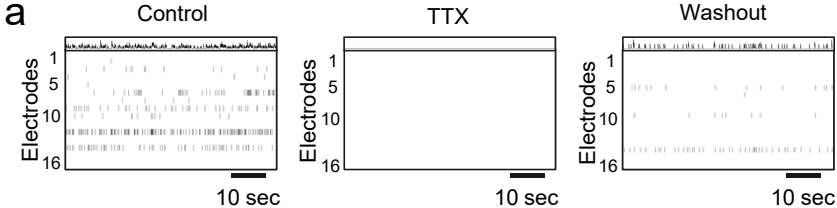
Supplementary Figure 3



Supplementary Figure 4



Supplementary Figure 5



Supplementary Figure 6

