



Fig S5.2 Conduction of AP alternans in 2D anisotropic tissue with normal  $I_{Na}$  and time series of APs. (A) Snapshots of excitation waves in an anisotropic tissue with PCL = 140ms. (B) Time series of APs recorded from 3 different registration sites, cell A, B and C as marked by black dots in the top-left panel of A. Black and red stars marked two consecutive stimulus pulses.