Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_0/gen_0_cand_81_data.json
SimLabel: gen_0_cand_81
Generation Rank: 2/10

rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
burts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.16666666666666666, 'min': 0.25}
sustained_osci: {'target': 100, 'width': 5, 'min': 75}

burstAmp_Fitness: {'Value': 8.395033596956406, 'Fit': 500.7792953692223}
burst_peak_frequency_fitness: {'Value': 0.7889546351084812, 'Fit': 15.390151789242063}
IBI_fitness: {'Value': 1657.5, 'Fit': 1.956681644670985}
baseline_fitness: {'Value': 22.421410498358036, 'Fit': 1000}
slopeFitness: {'Value': -0.023584818945155423, 'Fit': 1.048299825367828}
thresh: {'Value': 20.831773014091393, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 23.820224719101123, 'Fit': 1000}
E_rate_fitness: {'Value': 95.02380952380952, 'Fit': 1000}
I_rate_fitness: {'Value': 0.6759259259259258, 'Fit': 1000}
maxFitness 1000
average_fitness: 613.2416031809448
average_scaled_fitness: 612.8357389537014

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage