Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_5/gen_5_cand_19_data.json
SimLabel: gen_5_cand_19
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': 0.30698028135163846, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.6124089424767645, 'Fit': 1000}
IBI_fitness: {'Value': 380.7, 'Fit': 3.747843635529321}
baseline_fitness: {'Value': 5.988100541294636, 'Fit': 1000}
slopeFitness: {'Value': 5.715623667814507e-05, 'Fit': 1.000114319007276}
thresh: {'Value': 5.971147498794758, 'Fit': 0.378648290258081}
sustain_oscillation_fitness: {'Value': 97.60299625468166, 'Fit': 1.615106258203766}
E_rate_fitness: {'Value': 0.011904761904761904, 'Fit': 1000}
I_rate_fitness: {'Value': 54.879629629629626, 'Fit': 12.036731861542894}
maxFitness: 1000
average_fitness: 446.5309382627269
average_scaled_fitness: 446.3212887653655

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage