Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_15/gen_15_cand_15_data.json
SimLabel: gen_15_cand_15
Generation Rank: 1/10

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': 12.232709215893909, 'Fit': 555.5950288654005}
burst_peak_frequency_fitness: {'Value': 0.9661835748792271, 'Fit': 44.57180344194965}
IBI_fitness: {'Value': 1860.0, 'Fit': 1.768267051433735}
baseline_fitness: {'Value': 10.909212619822698, 'Fit': 1000}
slopeFitness: {'Value': -0.06444351959823756, 'Fit': 1.1375616170334146}
thresh: {'Value': 9.401007935293958, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 20.674157303370784, 'Fit': 1000}
E_rate_fitness: {'Value': 43.67460317460317, 'Fit': 1000}
I_rate_fitness: {'Value': 23.84259259259259, 'Fit': 1.85102722313369}
maxFitness: 1000
average_fitness: 511.65818757766124
average_scaled_fitness: 511.10203601919085

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage