Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_0/gen_0_cand_39_data.json
SimLabel: gen_0_cand_39
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': 20.07387708762433, 'Fit': 12.640912073286216}
burst_peak_frequency_fitness: {'Value': 1.2121212121212122, 'Fit': 194.94691148984037}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 22.228506528969927, 'Fit': 1000}
slopeFitness: {'Value': -0.06220354605968441, 'Fit': 1.1324767995530847}
thresh: {'Value': 11.94104201496597, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 8.027006751687923, 'Fit': 1000}
E_rate_fitness: {'Value': 73.27777777777779, 'Fit': 1000}
I_rate_fitness: {'Value': 2.1666666666666665, 'Fit': 16.172840667553782}
maxFitness: 1000
average_fitness: 580.5436823366927
average_scaled_fitness: 580.0681192243214

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage