Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_10/gen_10_cand_50_data.json
SimLabel: gen_10_cand_50
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': 3.060016204995172, 'Fit': 800.7468914938518}
burst_peak_frequency_fitness: {'Value': 1.4306151645207439, 'Fit': 723.2037447729219}
IBI_fitness: {'Value': 733.125, 'Fit': 3.2123686137997334}
baseline_fitness: {'Value': 13.962623121116904, 'Fit': 1000}
slopeFitness: {'Value': -0.02052216108977231, 'Fit': 1.0418982837249118}
thresh: {'Value': 11.435411302774389, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 31.910112359550563, 'Fit': 1000}
E_rate_fitness: {'Value': 51.54365079365079, 'Fit': 1000}
I_rate_fitness: {'Value': 12.888888888888888, 'Fit': 5.535108182358286}
maxFitness: 1000
average_fitness: 614.8600012607396
average_scaled_fitness: 614.4583060314894

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage