Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_15/gen_15_cand_94_data.json
SimLabel: gen_15_cand_94
Generation Rank: 0/10

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': 0.09864882653996489, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 7.267221801665404, 'Fit': 1000}
IBI_fitness: {'Value': 138.16901408450704, 'Fit': 4.1848955731650515}
baseline_fitness: {'Value': 4.4343189970382575, 'Fit': 1000}
slopeFitness: {'Value': -6.67381008219279e-07, 'Fit': 1.0000013347629073}
thresh: {'Value': 4.428505261200153, 'Fit': 1.7709121251586877}
sustain_oscillation_fitness: {'Value': 98.65067466266866, 'Fit': 1.3097877058353968}
E_rate_fitness: {'Value': 0.0, 'Fit': 1000}
I_rate_fitness: {'Value': 36.666666666666664, 'Fit': 1.9477340410546753}
maxFitness: 1000
average_fitness: 445.579258975553
average_scaled_fitness: 445.02428251730925

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage