Data Directory: /NERSC/output/240506_Run1_overnightRun/gen_2/gen_2_cand_55_data.json
SimLabel: gen_2_cand_55
Generation Rank: 0/12

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': 0.4361605420571486, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.2512562814070352, 'Fit': 1.636340443462536}
IBI_fitness: {'Value': 4961.25, 'Fit': 501.05453806655885}
baseline_fitness: {'Value': 17.742546843580783, 'Fit': 1000}
slopeFitness: {'Value': 6.043059297954855e-05, 'Fit': 1.0001208684899665}
thresh: {'Value': 17.43290754413793, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 83.32292317301686, 'Fit': 28.090048435080316}
E_rate_fitness: {'Value': 49.638888888888886, 'Fit': 1000}
I_rate_fitness: {'Value': 8.648148148148147, 'Fit': 8.458612771605086}
maxFitness 1000
average_fitness: 504.47107339835514
average_scaled_fitness: 503.974988432994

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR

soma_voltage

I0_highFR

soma_voltage