Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_2/gen_2_cand_59_data.json
SimLabel: gen_2_cand_59
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': 0.3566348212475204, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.6382546930492135, 'Fit': 1000}
IBI_fitness: {'Value': 372.5, 'Fit': 3.7493870243999896}
baseline_fitness: {'Value': 24.275087945759115, 'Fit': 1000}
slopeFitness: {'Value': -0.0009422315962132643, 'Fit': 1.0018862399090653}
thresh: {'Value': 24.057384981510886, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 95.20958083832335, 'Fit': 2.6066968167108455}
E_rate_fitness: {'Value': 84.48809523809523, 'Fit': 1000}
I_rate_fitness: {'Value': 7.222222222222222, 'Fit': 9.754978575143397}
maxFitness: 1000
average_fitness: 557.4569942951293
average_scaled_fitness: 557.0131718875825

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage