Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_9/gen_9_cand_37_data.json
SimLabel: gen_9_cand_37
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': 0.4061641138768106, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.4052684903748734, 'Fit': 1.5397359524078207}
IBI_fitness: {'Value': 1230.0, 'Fit': 2.4229843914855502}
baseline_fitness: {'Value': 20.974307482750923, 'Fit': 1000}
slopeFitness: {'Value': 0.0005193131361841247, 'Fit': 1.001039165831419}
thresh: {'Value': 20.48573058989708, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 82.18562874251496, 'Fit': 35.264410403640824}
E_rate_fitness: {'Value': 64.9920634920635, 'Fit': 1000}
I_rate_fitness: {'Value': 7.25, 'Fit': 9.727919012559884}
maxFitness: 1000
average_fitness: 449.9951209917695
average_scaled_fitness: 449.44399286564425

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage