Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_3/gen_3_cand_4_data.json
SimLabel: gen_3_cand_4
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': 6.053085495719183, 'Fit': 503.36760654478763}
burst_peak_frequency_fitness: {'Value': 0.8800880088008801, 'Fit': 26.589809817044}
IBI_fitness: {'Value': 1957.5, 'Fit': 1.6841314988928175}
baseline_fitness: {'Value': 15.620209020961978, 'Fit': 1000}
slopeFitness: {'Value': -0.021533652336925956, 'Fit': 1.0440081591146773}
thresh: {'Value': 15.026332099599141, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 44.76047904191617, 'Fit': 1000}
E_rate_fitness: {'Value': 61.90873015873016, 'Fit': 1000}
I_rate_fitness: {'Value': 0.5185185185185185, 'Fit': 1000}
maxFitness: 1000
average_fitness: 614.7428395577599
average_scaled_fitness: 614.3402075878391

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage