Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_0/gen_0_cand_33_data.json
SimLabel: gen_0_cand_33
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': 0.45990156590772635, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.40899795501022496, 'Fit': 1.5745786773727195}
IBI_fitness: {'Value': 2962.5, 'Fit': 1.0189268850520263}
baseline_fitness: {'Value': 17.886306221296863, 'Fit': 1000}
slopeFitness: {'Value': 0.0013393010727889188, 'Fit': 1.0026821928055725}
thresh: {'Value': 17.20933944387663, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 74.92447129909365, 'Fit': 1000}
E_rate_fitness: {'Value': 48.82142857142857, 'Fit': 1000}
I_rate_fitness: {'Value': 10.37962962962963, 'Fit': 7.113803396732368}
maxFitness 1000
average_fitness: 556.7455545724404
average_scaled_fitness: 556.300665150427

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage