Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_10/gen_10_cand_73_data.json
SimLabel: gen_10_cand_73
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': 2.8817764447911522, 'Fit': 800.8756987904328}
burst_peak_frequency_fitness: {'Value': 1.3386880856760375, 'Fit': 416.6008270473697}
IBI_fitness: {'Value': 866.25, 'Fit': 2.971441706769109}
baseline_fitness: {'Value': 13.529378405230277, 'Fit': 1000}
slopeFitness: {'Value': -0.0074240542193892865, 'Fit': 1.0149588892167856}
thresh: {'Value': 13.542099595522973, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 74.25149700598801, 'Fit': 1000}
E_rate_fitness: {'Value': 52.96825396825397, 'Fit': 1000}
I_rate_fitness: {'Value': 1.5925925925925926, 'Fit': 1000}
maxFitness: 1000
average_fitness: 691.2736584926432
average_scaled_fitness: 690.9599955930466

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage