Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_5/gen_5_cand_58_data.json
SimLabel: gen_5_cand_58
Generation Rank: 3/10

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': 0.3823156960694199, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 3.0441400304414, 'Fit': 1000}
IBI_fitness: {'Value': 316.07142857142856, 'Fit': 3.8409457788251586}
baseline_fitness: {'Value': 20.374995691382715, 'Fit': 1000}
slopeFitness: {'Value': 1.4933194157035238e-05, 'Fit': 1.000029866834319}
thresh: {'Value': 20.170094641982654, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 91.76646706586826, 'Fit': 5.189859299183215}
E_rate_fitness: {'Value': 72.17460317460318, 'Fit': 1000}
I_rate_fitness: {'Value': 0.28703703703703703, 'Fit': 1000}
maxFitness 1000
average_fitness: 667.7812038827602
average_scaled_fitness: 667.448642593097

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage