Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_4/gen_4_cand_30_data.json
SimLabel: gen_4_cand_30
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': 0.797939553783543, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.20294266869609334, 'Fit': 1000}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 26.944151655813325, 'Fit': 1000}
slopeFitness: {'Value': -0.00017023178565590908, 'Fit': 1.0003405215356116}
thresh: {'Value': 26.513753088494283, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 89.22155688622755, 'Fit': 8.633833586617246}
E_rate_fitness: {'Value': 84.17460317460316, 'Fit': 1000}
I_rate_fitness: {'Value': 20.47222222222222, 'Fit': 2.592902171122196}
maxFitness: 1000
average_fitness: 668.0252306976972
average_scaled_fitness: 667.6928103502929

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage