Data Directory: /NERSC/output/240505_Run16_debug_node_run/gen_0/gen_0_cand_27_data.json
SimLabel: gen_0_cand_27
Generation Rank: 3/12

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': 0.41591259211006637, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.1339360455382555, 'Fit': 1000}
IBI_fitness: {'Value': 10312.5, 'Fit': 1000.0}
baseline_fitness: {'Value': 27.399910865450924, 'Fit': 1000}
slopeFitness: {'Value': 9.127417216062147e-05, 'Fit': 1.0001825650072842}
thresh: {'Value': 26.890714869518202, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 84.8575712143928, 'Fit': 20.665915669030873}
E_rate_fitness: {'Value': 69.81746031746032, 'Fit': 1000}
I_rate_fitness: {'Value': 20.657407407407405, 'Fit': 2.5453273316069747}
maxFitness: 1000
average_fitness: 669.3568250628495
average_scaled_fitness: 669.0257904289695

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage