Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_6/gen_6_cand_28_data.json
SimLabel: gen_6_cand_28
Generation Rank: 0/10

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': 0.3620546740049522, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.719033232628399, 'Fit': 1000}
IBI_fitness: {'Value': 337.5, 'Fit': 3.8068122155014814}
baseline_fitness: {'Value': 5.4216161212262755, 'Fit': 1000}
slopeFitness: {'Value': -0.0004960003047060409, 'Fit': 1.0009924928047558}
thresh: {'Value': 5.265784401301693, 'Fit': 0.7666043885936378}
sustain_oscillation_fitness: {'Value': 89.51310861423221, 'Fit': 8.144788518631392}
E_rate_fitness: {'Value': 4.777777777777778, 'Fit': 2.9709711588854004}
I_rate_fitness: {'Value': 16.98148148148148, 'Fit': 3.6760979569946612}
maxFitness: 1000
average_fitness: 335.59625185904565
average_scaled_fitness: 335.0865262720509

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage