Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_5/gen_5_cand_42_data.json
SimLabel: gen_5_cand_42
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': 1.1318404859270028, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.5640157924421884, 'Fit': 3.991211243579218}
IBI_fitness: {'Value': 2150.625, 'Fit': 1.5317427690213739}
baseline_fitness: {'Value': 12.887287522991372, 'Fit': 1000}
slopeFitness: {'Value': -0.0011309617022118277, 'Fit': 1.0022644834830374}
thresh: {'Value': 12.860517509600752, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 88.31460674157303, 'Fit': 10.35095360985937}
E_rate_fitness: {'Value': 43.94444444444444, 'Fit': 1000}
I_rate_fitness: {'Value': 21.666666666666668, 'Fit': 2.3009758908928246}
maxFitness: 1000
average_fitness: 446.5752386663151
average_scaled_fitness: 446.0200041919566

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage