Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_3/gen_3_cand_10_data.json
SimLabel: gen_3_cand_10
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': 3.7101679412250066, 'Fit': 800.7135990199646}
burst_peak_frequency_fitness: {'Value': 0.8900756564307967, 'Fit': 28.23193936370896}
IBI_fitness: {'Value': 1331.25, 'Fit': 2.4667443339041193}
baseline_fitness: {'Value': 9.08354243716489, 'Fit': 1000}
slopeFitness: {'Value': -0.005240214634838365, 'Fit': 1.0105355413329393}
thresh: {'Value': 9.113710099781768, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 56.114028507126775, 'Fit': 1000}
E_rate_fitness: {'Value': 46.34126984126984, 'Fit': 1000}
I_rate_fitness: {'Value': 0.3333333333333333, 'Fit': 1000}
maxFitness: 1000
average_fitness: 648.0469798065456
average_scaled_fitness: 647.6909589990813

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage