Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_5/gen_5_cand_39_data.json
SimLabel: gen_5_cand_39
Generation Rank: 4/14

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': 2.1203174364079773, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.4357298474945534, 'Fit': 1.8485084764507018}
IBI_fitness: {'Value': 2160.0, 'Fit': 1.5246496076130907}
baseline_fitness: {'Value': 7.592980296160551, 'Fit': 1000}
slopeFitness: {'Value': 0.00025993655554891534, 'Fit': 1.0005200082684247}
thresh: {'Value': 7.225392102270848, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 78.20224719101122, 'Fit': 78.22197057985548}
E_rate_fitness: {'Value': 1.6428571428571428, 'Fit': 10.410939651403002}
I_rate_fitness: {'Value': 23.25, 'Fit': 1.9640329759698474}
maxFitness: 1000
average_fitness: 343.88562458884013
average_scaled_fitness: 343.2285115738094

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage