Data Directory: /NERSC/output/240430_Run1_interactive_node_run/gen_4/gen_4_cand_9_data.json
SimLabel: gen_4_cand_9
Generation Rank: 5/10

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': 1.964406521938912, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.10070493454179255, 'Fit': 1000}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 32.74313491805466, 'Fit': 1000}
slopeFitness: {'Value': 0.0006071517513102248, 'Fit': 1.001215041067631}
thresh: {'Value': 31.11437160607393, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 80.5701425356339, 'Fit': 48.71424502058131}
E_rate_fitness: {'Value': 59.36904761904762, 'Fit': 1000}
I_rate_fitness: {'Value': 9.703703703703702, 'Fit': 7.611266848958921}
maxFitness 1000
average_fitness: 673.0363029900675
average_scaled_fitness: 672.7086139315238

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage