Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_14/gen_14_cand_72_data.json
SimLabel: gen_14_cand_72
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': 0.2748247950698932, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.30257186081694404, 'Fit': 1.2026997663922674}
IBI_fitness: {'Value': 1800.0, 'Fit': 2.684877993196425}
baseline_fitness: {'Value': 24.712147703008167, 'Fit': 1000}
slopeFitness: {'Value': 0.00012766066254205326, 'Fit': 1.0002553539223478}
thresh: {'Value': 24.33434931818058, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 90.847711927982, 'Fit': 6.2367400276716785}
E_rate_fitness: {'Value': 63.77777777777777, 'Fit': 1000}
I_rate_fitness: {'Value': 29.055555555555554, 'Fit': 1.099048103208941}
maxFitness: 1000
average_fitness: 445.8026245827102
average_scaled_fitness: 445.2477306551975

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage