Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_6/gen_6_cand_4_data.json
SimLabel: gen_6_cand_4
Generation Rank: 6/7

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': 1.933575565088278, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.4010025062656642, 'Fit': 1.5008251210871444}
IBI_fitness: {'Value': 2567.5, 'Fit': 334.6517903874919}
baseline_fitness: {'Value': 5.425694783357251, 'Fit': 1000}
slopeFitness: {'Value': -0.0008331559556403008, 'Fit': 1.0016677009804071}
thresh: {'Value': 5.621073539307177, 'Fit': 0.5373672429718314}
sustain_oscillation_fitness: {'Value': 85.84269662921349, 'Fit': 16.970230707210714}
E_rate_fitness: {'Value': 0.8849206349206349, 'Fit': 1000}
I_rate_fitness: {'Value': 18.416666666666664, 'Fit': 3.1846211486585325}
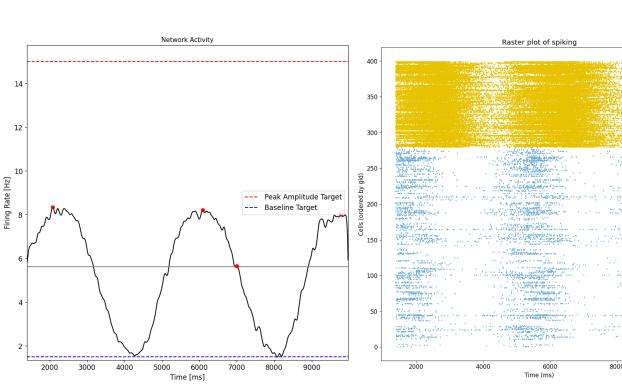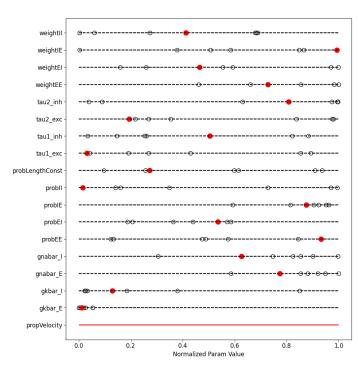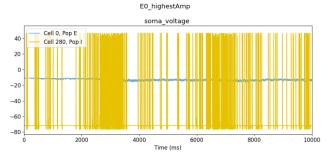maxFitness: 1000
average_fitness: 373.0940558120445
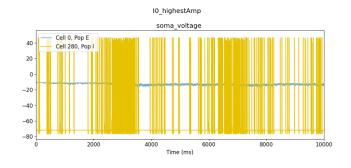average_scaled_fitness: 372.75699596829463

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage