Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_5/gen_5_cand_61_data.json
SimLabel: gen_5_cand_61
Generation Rank: 4/10

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': 15.502576490575265, 'Fit': 1.2856806223064976}
burst_peak_frequency_fitness: {'Value': 0.9456264775413711, 'Fit': 39.39972612935877}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 29.244857099041642, 'Fit': 1000}
slopeFitness: {'Value': -0.03165653186046742, 'Fit': 1.0653603126929885}
thresh: {'Value': 20.25464156016087, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 8.98876404494382, 'Fit': 1000}
E_rate_fitness: {'Value': 98.92857142857143, 'Fit': 1000}
I_rate_fitness: {'Value': 11.935185185185185, 'Fit': 6.088985489047657}
maxFitness: 1000
average_fitness: 560.8710836170451
average_scaled_fitness: 560.4027541577556

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp — soma_voltage

I0_highestAmp — soma_voltage