Data Directory: /NERSC/output/240511_Run23_4proc/gen_0/gen_0_cand_51_data.json

SimLabel: gen_0_cand_51

Generation Rank: 22/127

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': 1.2964983015717593, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.06693440428380187, 'Fit': 1000}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 25.742137928978423, 'Fit': 1000}
slopeFitness: {'Value': 0.0004496043621886139, 'Fit': 1.0008996131337493}
thresh: {'Value': 24.723782244744502, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 73.81309345327335, 'Fit': 1000}
E_rate_fitness: {'Value': 49.76190476190476, 'Fit': 1000}
I_rate_fitness: {'Value': 39.24074074074074, 'Fit': 2.519534277868313}
maxFitness: 1000
average_fitness: 778.1689370990002
average_scaled_fitness: 777.9466840209417

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage