Data Directory: /NERSC/output/240511_Run22_2proc/gen_0/gen_0_cand_16_data.json

SimLabel: gen_0_cand_16

Generation Rank: 24/120

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': 0.5552259786706379, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.06696802276912775, 'Fit': 1000}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 16.277474534482845, 'Fit': 1000}
slopeFitness: {'Value': 8.940750018174699e-05, 'Fit': 1.0001788309887187}
thresh: {'Value': 15.838722504938069, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 82.95852073963019, 'Fit': 30.213711728163904}
E_rate_fitness: {'Value': 38.69444444444445, 'Fit': 1000}
I_rate_fitness: {'Value': 7.25, 'Fit': 9.727919012559884}
maxFitness: 1000
average_fitness: 671.2157566190792
average_scaled_fitness: 670.8865843477494

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage