Data Directory: /NERSC/output/240511_Run28_32proc/gen_0/gen_0_cand_39_data.json

SimLabel: gen_0_cand_39

Generation Rank: 19/121

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': 0.7725239458728903, 'Fit': 958.8531823188661}

burst_peak_frequency_fitness: {'Value': 1.6276703967446593, 'Fit': 1000}

IBI_fitness: {'Value': 604.2391304347826, 'Fit': 3.3766351788090945}

baseline_fitness: {'Value': 22.58473041019371, 'Fit': 1000}

slopeFitness: {'Value': -0.001091933603071136, 'Fit': 1.0021862535809885}

thresh: {'Value': 22.466265830411597, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 95.74787393696849, 'Fit': 2.3406419108025216}

E_rate_fitness: {'Value': 88.99603174603175, 'Fit': 1000}

I_rate_fitness: {'Value': 0.46296296296296297, 'Fit': 1000}

maxFitness: 1000

average_fitness: 662.841405073562

average_scaled_fitness: 662.5031703903

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage