Data Directory: /NERSC/output/240511_Run23_4proc/gen_0/gen_0_cand_28_data.json

SimLabel: gen_0_cand_28

Generation Rank: 22/27

burts_peak_targets: {'cutoff': 1250, 'big_bursts': {'target': 1616.784, 'max': 1955.749, 'min': 1252.317, 'width': 350716.0, 'num_target': 31.25, 'num_min': 0}, 'lil_bursts': {'target': 402.633, 'max': 1205.884, 'min': 723.599, 'width': 1080641.25, 'num_target': 68.75, 'num_min': 0}}

burst_peak_frequency: {'target': 0.11636363636363636, 'max': 1, 'min': 0}

IBI_targets: {'target': 8.79, 'width': 11070.0, 'max': 24.6}

baseline_targets: {'target': 294.444, 'max': 724.599, 'min': 0}

rate_slope: {'target': 0.002497512709074353}

sustained_osci: {'target': 90.90303232255916}

thresh_target: {'target': 718.115, 'max': 724.599}

rate_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

BigBurstVal_Fitness: {'Value': 28636.570058128207, 'Fit': 1000.0}

numBig_Fitness: {'Value': 1, 'Percent': 100.0, 'Fit': 1000}

SmallBurstVal_Fitness: {'Value': None, 'Fit': 1000}

numSmall_Fitness: {'Value': 0, 'Percent': 0.0, 'Fit': 1000}

burst_peak_frequency_fitness: {'Value': 0.6666666666666666, 'Fit': 1.733778325642695}

IBI_fitness: {'Value': None, 'Fit': 1000}

baseline_fitness: {'Value': 24178.266497463836, 'Fit': 1000}

slopeFitness: {'Value': -414.9516242608858, 'Fit': 1000}

thresh: {'Value': 17978.88405473076, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 7.9470198675496695, 'Fit': 1000}

E_rate_fitness: {'Value': 83.25396825396825, 'Fit': 1000}

I_rate_fitness: {'Value': 2.6574074074074074, 'Fit': 7.791689436957144}

maxFitness: 1000

average_fitness: 834.12712231355

average_scaled_fitness: 0.8338390360356608

binSize: 0.1

gaussianSigma: 0.15

thresholdBurst: 1

Network Activity

Raster plot of spiking

E0_highFR

soma_voltage

I0_highFR

soma_voltage