Data Directory: /NERSC/output/240511_Run30_128proc/gen_0/gen_0_cand_4_data.json
SimLabel: gen_0_cand_4
Generation Rank: 3/126

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': 0.35039794968444743, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.5422311423314934, 'Fit': 1000}
IBI_fitness: {'Value': 372.77027027027026, 'Fit': 3.750268196703486}
baseline_fitness: {'Value': 5.350796744678448, 'Fit': 1000}
slopeFitness: {'Value': -0.0002420910850108187, 'Fit': 1.0004842994051288}
thresh: {'Value': 5.255106472591811, 'Fit': 0.774833994985337}
sustain_oscillation_fitness: {'Value': 93.30334832583708, 'Fit': 3.8164868810946015}
E_rate_fitness: {'Value': 4.833333333333333, 'Fit': 2.905677746882002}
I_rate_fitness: {'Value': 16.97222222222222, 'Fit': 3.6795033277165095}
maxFitness: 1000
average_fitness: 335.10302827186524
average_scaled_fitness: 334.5874440027885

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0