Data Directory: /NERSC/output/240511_Run27_16proc/gen_0/gen_0_cand_36_data.json SimLabel: gen 0 cand 36 Generation Rank: 24/119 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} weightIE weightEl sustained_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2_inh burstAmp_Fitness: {'Value': 0.35438682867350196, 'Fit': 1000.0} tau2_exc burst_peak_frequency_fitness: {'Value': 1.6088486676721971, 'Fit': 1000} IBI_fitness: {'Value': 623.804347826087, 'Fit': 3.4999514916045458} tau1_inh baseline_fitness: {'Value': 19.4617881724608, 'Fit': 1000} taul_exc slopeFitness: {'Value': -0.0001111099262229978, 'Fit': 1.0002222445451063} probLengthConst thresh: {'Value': 19.40790676078347, 'Fit': 1000} probli sustain_oscillation_fitness: {'Value': 98.15092453773113, 'Fit': 1.4474669423562183} problE E_rate_fitness: {'Value': 72.55952380952381, 'Fit': 1000} I rate fitness: {'Value': 0.0, 'Fit': 1000} probEl maxFitness: 1000 probEE average_fitness: 667.3275156309451 gnabar_l average scaled fitness: 666.9944360583333 \$8,60,000 - \$30,000 - \$30,000 - \$50, gnabar E gkbar 1000 binSize: 7.5 gkbar E 1250 gaussianSigma: 30.0 propVelocity thresholdBurst: 1.0 duration_seconds 1750 0.0 0.2 0.8 2000 2500 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking E0_highFR --- Peak Amplitude Target soma_voltage 25 --- Baseline Target 250 Cell 280 Pon 20 -40 200 -60 -80 gid) Rate [Hz] 출 150 I0_highFR soma_voltage 100 20 Cell 0, Pop E Cell 280, Pop I -20 50 -40 -60

4000

6000

8000

Time (ms)

10000

12000

14000

2000

4000

6000

8000

Time [ms]

10000

12000

14000

1.0

2000

10000

Time (ms)

12000

14000