SimLabel: gen 0 cand 18 Generation Rank: 25/119 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': 1.7950699671531787, 'Fit': 1000.0} tau2_exc burst_peak_frequency_fitness: {'Value': 0.13400335008375208, 'Fit': 1000} IBI_fitness: {'Value': 6450.0, 'Fit': 1000.0} tau1_inh baseline_fitness: {'Value': 27.220151264755124, 'Fit': 1000} taul_exc slopeFitness: {'Value': -0.0004311921768999144, 'Fit': 1.0008627563141033} probLengthConst CONTRACTOR thresh: {'Value': 26.652533715283376, 'Fit': 1000} probli sustain_oscillation_fitness: {'Value': 92.10394802598701, 'Fit': 4.851123825972561} problE E_rate_fitness: {'Value': 62.74603174603174, 'Fit': 1000} I rate fitness: {'Value': 0.0, 'Fit': 1000} probEl maxFitness: 1000 250 probEE average_fitness: 778.427998509143 500 gnabar_l average scaled fitness: 778.2060131681486 750 gnabar E gkbar 1000 binSize: 7.5 gkbar E 1250 gaussianSigma: 30.0 propVelocity thresholdBurst: 1.0 1500 duration_seconds 1750 0.0 0.2 1.0 0.4 0.8 2000 2500 500 1000 1500 3000 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking E0_highFR --- Peak Amplitude Target soma_voltage --- Baseline Target 250 25 Cell 280 Por -40 200 -60 20 -80 <u> 2</u> 150 I0_highFR soma_voltage 100 10 Cell 0, Pop E Cell 280, Pop I -20 50 -40 -60 0 -2000 12000 14000

12000

14000

10000

Time (ms)

Data Directory: /NERSC/output/240511_Run27_16proc/gen_0/gen_0_cand_18_data.json

2000

4000

6000

8000

Time [ms]

10000

12000

14000

2000

4000

8000

Time (ms)