SimLabel: gen 0 cand 14 Generation Rank: 26/118 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} weightll 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': 0.929674969297313, 'Fit': 1000.0} tau2_exc burst_peak_frequency_fitness: {'Value': 0.06696802276912775, 'Fit': 1000} IBI_fitness: {'Value': None, 'Fit': 1000} tau1_inh baseline_fitness: {'Value': 20.791944353162524, 'Fit': 1000} taul_exc slopeFitness: {'Value': -6.144061144813367e-05, 'Fit': 1.000122888773103} probLengthConst thresh: {'Value': 20.228529235891102, 'Fit': 1000} probli - MR-C - CERTIFICATION - CO-C - C-C sustain_oscillation_fitness: {'Value': 87.15642178910544, 'Fit': 13.049054019041492} problE E_rate_fitness: {'Value': 45.694444444444, 'Fit': 1000} I rate fitness: {'Value': 4.342592592592593, 'Fit': 13.010292054572451} probEl maxFitness: 1000 probEE average_fitness: 669.6732743291541 gnabar_l average scaled fitness: 669.3425762713404 gnabar E 8**010--**016908--0108-4008-4008-09-0008-0----0--0--0-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 0.8 500 1000 1500 2000 2500 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking E0_highFR soma voltage 20.0 250 Cell 0, Pop E 17.5 Cell 280 Pon -40 200 2200 2400 I0_highFR soma_voltage 10.0 100 20 7.5 Cell 0, Pop E Cell 280, Pop I -20 50 5.0 -40 -60 --- Peak Amplitude Target 2.5 12000 14000

10000

8000

Time (ms)

12000

14000

Time (ms)

Data Directory: /NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_14_data.json

--- Baseline Target

4000

6000

8000

Time [ms]

10000

12000

14000

2000

4000

6000

2000