SimLabel: gen\_7\_cand\_12 Generation Rank: 1/44 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} weightII thresh\_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7} weightIE burst\_peak\_frequency: {'target': 0.33333333333333333, 'width': 0.1666666666666666666, 'min': 0.25} weightEl sustained\_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2\_inh burstAmp\_Fitness: {'Value': 1.302804626794587, 'Fit': 1000.0} tau2\_exc burst\_peak\_frequency\_fitness: {'Value': 0.06683375104427736, 'Fit': 1000} IBI\_fitness: {'Value': None, 'Fit': 1000} tau1\_inh baseline\_fitness: {'Value': 7.084654290123848, 'Fit': 1000} taul\_exc slopeFitness: {'Value': 0.0003703230686188711, 'Fit': 1.000740920483315} probLengthConst thresh: {'Value': 6.154736677438504, 'Fit': 0.3151405095848594} probli sustain\_oscillation\_fitness: {'Value': 67.96601699150425, 'Fit': 1000} probIE E\_rate\_fitness: {'Value': 1.1071428571428572, 'Fit': 12.898910586503908} probEl probEE average\_fitness: 668.2460880018413 gnabar\_I average\_scaled\_fitness: 668.1415059469155 gnabar E biaSize: 7.5 akbar akbar E gaussian Sigma: 30.0 propVelocity threshooldBurst: 1 duration\_seconds 1750 0.0 0.2 0.6 0.8 1.0 1500 2000 2500 3000 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking 400 14 350 12 300 250 e 200 100 50 --- Peak Amplitude Target --- Baseline Target 12000 6000 8000 10000 12000 14000 6000 10000 14000

Time (ms)

Data Directory: /NERSC/output/240521\_Run2\_overnight\_reg/gen\_7/gen\_7\_cand\_12\_data.json

Time [ms]