Data Directory: /NERSC/output/240521\_Run1\_overnight\_debug/gen\_0/gen\_0\_cand\_11\_data.json SimLabel: gen\_0\_cand\_11 Generation Rank: 6/26 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 weightEl sustained\_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2\_inh burstAmp\_Fitness: {'Value': 1.0250431258722161, 'Fit': 1000.0} tau2\_exc burst\_peak\_frequency\_fitness: {'Value': 0.8705842959986607, 'Fit': 25.11601714770625} IBI\_fitness: {'Value': 1084.375, 'Fit': 2.85101037494308} tau1\_inh baseline\_fitness: {'Value': 7.537977366492049, 'Fit': 1000} taul\_exc slopeFitness: {'Value': 9.223468005348428e-05, 'Fit': 1.0001844863756257} probLengthConst thresh: {'Value': 7.3660903865557765, 'Fit': 1000} probli sustain\_oscillation\_fitness: {'Value': 90.35482258870566, 'Fit': 6.882868390332167} problE E\_rate\_fitness: {'Value': 1.666666666666665, 'Fit': 10.312258501325767} I\_rate\_fitness: {"Value": 23.324074074074073, 'Fit': 1.949538333691855} probEl probEE average\_fitness: 338.6790974704861 gnabar\_I average\_scaled\_fitness: 338.0169923359762 gnabar E binSize: akbar akbar E gaussian Sigma: 30.0 propVelocity threshooldBurst: duration\_seconds 1750 0.0 0.2 1.0 2000 2500 3000 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking 400 14 350 12 300 250 iring 150 100 50 --- Peak Amplitude Target --- Baseline Target 2000 4000 6000 8000 10000 12000 14000 2000 4000 8000 10000 12000

Time (ms)

Time [ms]