Data Directory: /NERSC/output/240521\_Run2\_overnight\_reg/gen\_2/gen\_2\_cand\_14\_data.json SimLabel: gen\_2\_cand\_14 Generation Rank: 2/44 burts\_peak\_targets: {'cutoff': 1250, 'big\_bursts': {'target': 1616.784, 'max': 1955.749, 'min': 1252.317, 'width': 350716.0, 'num\_target': 31.25, 'num\_min': 0}, 'lil\_bursts': {'target': 402.633, 'max': 1205.884, 'min': 723.599, 'width': 1080641.25, 'num\_target': 68.75, 'num\_min': 0}} burst peak frequency: {'target': 0.11636363636363636, 'max': 1, 'min': 0} IBI targets: {'target': 8.79, 'width': 11070.0, 'max': 24.6} baseline\_targets: {'target': 294.444, 'max': 724.599, 'min': 0} rate slope: {'target': 0.002497512709074353} weightII sustained\_osci: {'target': 90.90303232255916} weightIE thresh\_target: {'target': 718.115, 'max': 724.599} weightEl rate\_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}} weightEE BigBurstVal\_Fitness: {'Value': 22593.75925331697, 'Fit': 1000.0} tau2\_exc numBig\_Fitness: {'Value': 6, 'Percent': 100.0, 'Fit': 1000} SmallBurstVal\_Fitness: {'Value': None, 'Fit': 1000} tau1\_inh numSmall\_Fitness: {'Value': 0, 'Percent': 0.0, 'Fit': 1000} tau1\_exc burst\_peak\_frequency\_fitness: {'Value': 0.45454545454545453, 'Fit': 1.402395461219584} probLengthConst IBI\_fitness: {'Value': 2.5, 'Fit': 1.0005683697990686} probli baseline fitness: {'Value': 20649.689489249206, 'Fit': 1000} slopeFitness: {'Value': -20.53722149149881, 'Fit': 1000} problE thresh: {'|Value': 20476.965014019035, 'Fit': 1000} probEl on fitness: {'Value': 86.09271523178808, 'Fit': 122.77054075127252} probEE E\_rate\_fitness: {"Value": 98.37301587301587, 'Fit': 1000} gnabar (D)(D)(-) - (D) - (D)(-) - (D) I rate fitness: { Value': 0.7962962962963, 'Fit': 1000} maxFitness: 1000 gnabar E average\_fitness: 760.4311253818574 gkbar average\_scaled\_fitness: 0.7601911802620288 gkbar E propVelocity binSize: 0.1 duration seconds gaussianSigma: 0.15 thresholdBurst: 1 500 2000 2500 4000 1000 3000 3500 Normalized Param Value Network Activity Raster plot of spiking --- Big Burst Target --- Baseline Target 30000 350 25000 300 250 20000

