SimLabel: gen 7 cand 11 Generation Rank: 0/44 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 weightEl sustained\_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2\_inh burstAmp\_Fitness: {'Value': 10.704412954910083, 'Fit': 510.85951174198254} tau2\_exc burst\_peak\_frequency\_fitness: {'Value': 0.639488409272582, 'Fit': 6.277240390478716} IBI\_fitness: {'Value': 2730.0, 'Fit': 1.1445367843513146} tau1\_inh baseline\_fitness: {'Value': 11.28831146567234, 'Fit': 1000} taul\_exc slopeFitness: {'Value': -0.03413599809542722, 'Fit': 1.070656483362938} probLengthConst thresh: {'Value': 10.046485804912725, 'Fit': 1000} probII sustain\_oscillation\_fitness: {'Value': 20.8, 'Fit': 1000} problE E\_rate\_fitness: {'Value': 70.5, 'Fit': 1000} I rate fitness: {'Value': 0.0, 'Fit': 1000} probEl maxFitness probEE average\_fitness: 613.2613272666862 gnabar\_I average\_scale d\_fitness: 612.846819203612 gnabar\_E 1000 -biaSize: qkbar\_l gkbar E gaussianSigma propVelocity thresholdBurst: duration\_seconds 1750 0.0 0.2 0.6 0.8 1.0 2000 2500 500 1000 3000 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking --- Peak Amplitude Target --- Baseline Target 30 250 25 200 J Rate [Hz] <u> 2</u> 150 100 50 500 1000 1500 2000 2500 3000 1000 1500 2500 3000

Time (ms)

 $Data\ Directory: /NERSC/output/240521\_Run2\_overnight\_reg/gen\_7/gen\_7\_cand\_11\_data.json$ 

Time [ms]