Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_4/gen_4_cand_5_data.json
SimLabel	gen_4_cand_5
Generation Rank	0/10

Criteria	Targets
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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1763.8711419930275, 'Fit': 1.0004194789796268}
numBig_Fitness	{'Value': 1, 'Percent': 10.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 872.074256272104, 'Fit': 1.0004345090770275}
numSmall_Fitness	{'Value': 9, 'Percent': 90.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6802721088435374, 'Fit': 1.7575283447970296}
IBI_fitness	{'Value': 1.577777777777778, 'Fit': 1.0006517249258298}
baseline_fitness	{'Value': 749.5452791739842, 'Fit': 1000}
slopeFitness	{'Value': -0.8062949179751618, 'Fit': 2.245195120283871}
thresh	{'Value': 775.3152828792932, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 96.68874172185431, 'Fit': 325.612947795735}
E_rate_fitness	{'Value': 4.575396825396825, 'Fit': 40.36770801116265}
I_rate_fitness	{'Value': 0.9166666666666666, 'Fit': 1000}
maxFitness	1000
average_fitness	447.74874041541347
average_scaled_fitness	0.4471957042298614

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking