Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_0/gen_0_cand_47_data.json
SimLabel	gen_0_cand_47
Generation Rank	9/10

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': 2513.395176712065, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 20.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1149.426319049951, 'Fit': 1.0006913041168022}
numSmall_Fitness	{'Value': 4, 'Percent': 80.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5952380952380952, 'Fit': 1.614256467263474}
IBI_fitness	{'Value': 1.8499999999999999, 'Fit': 1.0006271178009933}
baseline_fitness	{'Value': 1135.1408966679269, 'Fit': 1000}
slopeFitness	{'Value': -5.679284003005915, 'Fit': 293.4717890930349}
thresh	{'Value': 1113.5968494243723, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 54.3046357615894, 'Fit': 1000}
E_rate_fitness	{'Value': 6.305555555555555, 'Fit': 227.73641573608847}
I_rate_fitness	{'Value': 1.9629629629629628, 'Fit': 1000}
maxFitness	1000
average_fitness	627.0686483098588
average_scaled_fitness	0.6266951093130296

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_18_excitatory

cell_204_inibitory

cell_288_inibitory

cell_331_inibitory