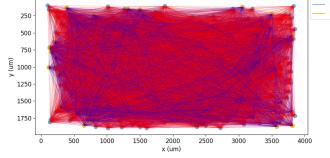| Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_3/gen_3_cand_47_data.json
SimLabel	gen_3_cand_47
Generation Rank	6/10

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': 3122.4461708960466, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5072463768115941, 'Fit': 1.4782851601940104}
IBI_fitness	{'Value': 1.9833333333333334, 'Fit': 1.0006150652744679}
baseline_fitness	{'Value': 2822.766585427331, 'Fit': 1000}
slopeFitness	{'Value': -2.1373469864000754, 'Fit': 8.49811606151822}
thresh	{'Value': 2792.797749217121, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 9.023809523809524, 'Fit': 1000}
I_rate_fitness	{'Value': 5.555555555555555, 'Fit': 2.3281883646715875}
maxFitness	1000
average_fitness	585.1656427507997
average_scaled_fitness	0.5847501374825116

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_18_excitatory — soma_voltage

cell_204_inibitory — soma_voltage

cell_288_inibitory — soma_voltage

cell_331_inibitory — soma_voltage