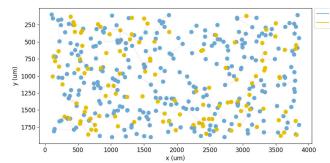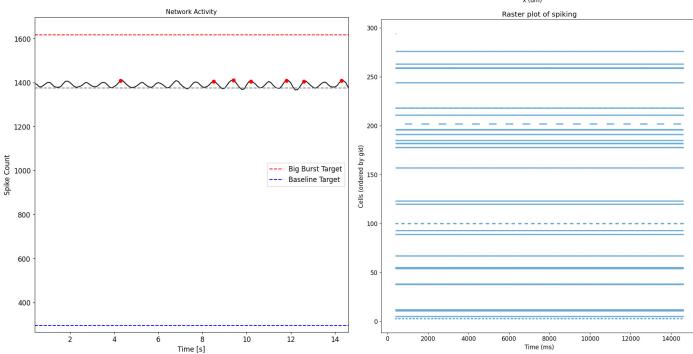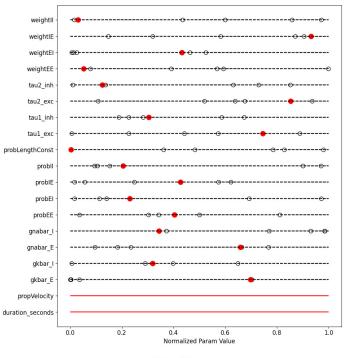| Description	Value
Data Directory	/NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_2/gen_2_cand_43_data.json
SimLabel	gen_2_cand_43
Generation Rank	3/6

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}}

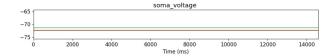| Metric	Value
BigBurstVal_Fitness	{'Value': 1407.9894454355785, 'Fit': 1.0005955152445722}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4794520547945205, 'Fit': 1.4377629783678205}
IBI_fitness	{'Value': 1.6666666666666667, 'Fit': 1.0006436937501793}
baseline_fitness	{'Value': 1389.8570395320833, 'Fit': 1000}
slopeFitness	{'Value': 0.0023787130157138406, 'Fit': 1.0001188067503235}
thresh	{'Value': 1375.6192916279515, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 4.916666666666666, 'Fit': 56.78657828281823}
I_rate_fitness	{'Value': 0.046296296296296294, 'Fit': 1000}
maxFitness	1000
average_fitness	508.82334750715023
average_scaled_fitness	0.5083316207143421

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_23_excitatory
soma_voltage

cell_280_inibitory
soma_voltage

cell_367_inibitory
soma_voltage

cell_86_excitatory
soma_voltage