Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_37_data.json
SimLabel	gen_1_cand_37
Generation Rank	34/63

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': 14429.882060350594, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, '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': 0.9090909090909091, 'Fit': 2.2094138911407355}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 11046.532074189996, 'Fit': 1000}
slopeFitness	{'Value': -262.02438500757495, 'Fit': 1000}
thresh	{'Value': 6823.514058090465, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 6.622516556291391, 'Fit': 1000}
E_rate_fitness	{'Value': 35.54761904761905, 'Fit': 1000}
I_rate_fitness	{'Value': 16.046296296296294, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8507844909285
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_146_inibitory
soma_voltage

cell_194_inibitory
soma_voltage

cell_333_inibitory
soma_voltage

cell_354_inibitory
soma_voltage