Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_40_data.json
SimLabel	gen_1_cand_40
Generation Rank	22/63

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': 2702.420542211206, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 50.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 965.8556914132876, 'Fit': 1.000521328878374}
numSmall_Fitness	{'Value': 1, 'Percent': 50.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.588235294117647, 'Fit': 1.6029916389767365}
IBI_fitness	{'Value': 2.7, 'Fit': 1.0005502868536433}
baseline_fitness	{'Value': 955.6546259677442, 'Fit': 1000}
slopeFitness	{'Value': -32.86999958338593, 'Fit': 1000}
thresh	{'Value': 866.257024806001, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 22.516556291390728, 'Fit': 1000}
E_rate_fitness	{'Value': 6.769841269841269, 'Fit': 362.30072649926626}
I_rate_fitness	{'Value': 0.537037037037037, 'Fit': 1000}
maxFitness	1000
average_fitness	697.1587324794979
average_scaled_fitness	0.6968554298713506

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