Description	Value
Data Directory	/NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_5/gen_5_cand_54_data.json
SimLabel	gen_5_cand_54
Generation Rank	2/6

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': 2422.6981768172363, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 12.5, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1035.4143972077575, 'Fit': 1.000585733243555}
numSmall_Fitness	{'Value': 7, 'Percent': 87.5, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5925925925925926, 'Fit': 1.6099915913664193}
IBI_fitness	{'Value': 1.8285714285714287, 'Fit': 1.0006290565565474}
baseline_fitness	{'Value': 962.3645880286441, 'Fit': 1000}
slopeFitness	{'Value': -1.419543437078295, 'Fit': 4.145572717737234}
thresh	{'Value': 986.7063021337182, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 6.436507936507936, 'Fit': 259.5998143803555}
I_rate_fitness	{'Value': 0.6851851851851852, 'Fit': 1000}
maxFitness	1000
average_fitness	523.0032584864331
average_scaled_fitness	0.5225255043180662

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