

Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_44_data.json
SimLabel	gen_1_cand_44
Generation Rank	7/63

Criteria	Targets
bursts_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}, 'il_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': 4762.014405617387, 'Fit': 1000.0)
numBig_Fitness	('Value': 8, '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': 0.6106870229007633, 'Fit': 1.6393886312927863)
IBI_fitness	('Value': 1.8000000000000003, 'Fit': 1.0006316406696594)
baseline_fitness	('Value': 4205.381162366242, 'Fit': 1000)
slopeFitness	('Value': -3.241020942852223, 'Fit': 25.62371924588986)
thresh	('Value': 4207.578307048199, 'Fit': 1000)
sustain_oscillation_fitness	('Value': 86.09271523178808, 'Fit': 122.77054075127252)
E_rate_fitness	('Value': 19.178571428571427, 'Fit': 1000)
I_rate_fitness	('Value': 4.62037037037037, 'Fit': 1.0942779571761392)
maxFitness	1000
average_fitness	596.0107131855251
average_scaled_fitness	0.5956060638176861

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

