

Description	Value
Data Directory	/NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_0/gen_0_cand_59_data.json
SimLabel	gen_0_cand_59
Generation Rank	6/64

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}, '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': 2753.7026469221178, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 16.666666666666664, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1022.1522082147333, 'Fit': 1.00057345676876}
numSmall_Fitness	{'Value': 5, 'Percent': 83.33333333333334, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5714285714285714, 'Fit': 1.5762757352780563}
IBI_fitness	{'Value': 2.0200000000000005, 'Fit': 1.000611750827651}
baseline_fitness	{'Value': 877.5837922629985, 'Fit': 1000}
slopeFitness	{'Value': -2.2489429381402766, 'Fit': 9.501412301275405}
thresh	{'Value': 921.1028649809022, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 69.5364238410596, 'Fit': 1000}
E_rate_fitness	{'Value': 5.785714285714286, 'Fit': 135.41547148964753}
I_rate_fitness	{'Value': 2.1944444444444446, 'Fit': 1000}
maxFitness	1000
average_fitness	595.7078620611497
average_scaled_fitness	0.5953029329177951

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

