

Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_52_data.json
SimLabel	gen_1_cand_52
Generation Rank	20/63

Criteria	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}}
burts_peak_targets	
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': 3616.4102861001347, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, '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': 0.5035971223021583, 'Fit': 1.4729003526493627}
IBI_fitness	{'Value': 2.2, 'Fit': 1.000595482351403}
baseline_fitness	{'Value': 3083.340230672411, 'Fit': 1000}
slopeFitness	{'Value': -4.010700987540092, 'Fit': 55.32354023107293}
thresh	{'Value': 3095.8144463924355, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 91.3907284768212, 'Fit': 1.6285599437908804}
E_rate_fitness	{'Value': 17.78968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 0.4444444444444445, 'Fit': 1000}
maxFitness	1000
average_fitness	671.6187996674887
average_scaled_fitness	0.671289893820242

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

