

Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_40_data.json
SimLabel	gen_0_cand_40
Generation Rank	36/64

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}, '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': 4343.219551990569, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, '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': 0.7142857142857142, 'Fit': 1.818336510519313}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 3343.517903900877, 'Fit': 1000}
slopeFitness	{'Value': -115.66553872567744, 'Fit': 1000}
thresh	{'Value': 1864.2830963837903, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 6.622516556291391, 'Fit': 1000}
E_rate_fitness	{'Value': 8.706349206349206, 'Fit': 1000}
I_rate_fitness	{'Value': 2.9722222222222222, 'Fit': 5.687341376703562}
maxFitness	1000
average_fitness	833.958806490602
average_scaled_fitness	0.8336563377362142

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

