

Description	Value
Data Directory	/NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_5/gen_5_cand_32_data.json
SimLabel	gen_5_cand_32
Generation Rank	5/6

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': 5739.045840234275, 'Fit': 1000.0}
numBig_Fitness	{'Value': 12, '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': 0.8450704225352113, 'Fit': 2.072398819173921}
IBI_fitness	{'Value': 1.2, 'Fit': 1.0006858727682053}
baseline_fitness	{'Value': 5586.822629445157, 'Fit': 1000}
slopeFitness	{'Value': 0.2984617314855796, 'Fit': 1.3444220509055387}
thresh	{'Value': 5507.94553531931, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 91.3907284768212, 'Fit': 1.6285599437908804}
E_rate_fitness	{'Value': 15.746031746031745, 'Fit': 1000}
I_rate_fitness	{'Value': 8.148148148148147, 'Fit': 31.11478262598535}
maxFitness	1000
average_fitness	586.430070776052
average_scaled_fitness	0.5860158026382027

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

