

Description	Value
Data Directory	/NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_2/gen_2_cand_12_data.json
SimLabel	gen_2_cand_12
Generation Rank	1/6

Criteria	Targets
burts_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': 1308.3098160985985, 'Fit': 1.0008799424142751}
numBig_Fitness	{'Value': 1, 'Percent': 11.111111111111111, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1045.5395565434808, 'Fit': 1.000595108023791}
numSmall_Fitness	{'Value': 8, 'Percent': 88.88888888888889, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6428571428571429, 'Fit': 1.6929854459214249}
IBI_fitness	{'Value': 1.5375, 'Fit': 1.0006553659738227}
baseline_fitness	{'Value': 1028.5971664836954, 'Fit': 1000}
slopeFitness	{'Value': -0.2759536016405224, 'Fit': 1.3210820218635222}
thresh	{'Value': 1008.0942034800576, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 87.41721854304636, 'Fit': 32.64898537752051}
E_rate_fitness	{'Value': 1.5634920634920635, 'Fit': 1.9860056227097576}
I_rate_fitness	{'Value': 1.8148148148148147, 'Fit': 1000}
maxFitness	1000
average_fitness	420.0542657403689
average_scaled_fitness	0.41947339365798547

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

