

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_5/gen_5_cand_3_data.json
SimLabel	gen_5_cand_3
Generation Rank	6/10

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}, 'il_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': 1924.885329174476, 'Fit': 334.00067971651913}
numBig_Fitness	{'Value': 3, 'Percent': 50.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1151.1548090984443, 'Fit': 1.0006929048871702}
numSmall_Fitness	{'Value': 3, 'Percent': 50.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.45112781954887216, 'Fit': 1.3976107662399704}
IBI_fitness	{'Value': 2.54, 'Fit': 1.0005647566619813}
baseline_fitness	{'Value': 1053.0141201772558, 'Fit': 1000}
slopeFitness	{'Value': -3.0184007642088115, 'Fit': 20.509706808232682}
thresh	{'Value': 1110.4814054009712, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 8.948412698412698, 'Fit': 1000}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	531.228831117507
average_scaled_fitness	0.530759325436146

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

