

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_3/gen_3_cand_38_data.json
SimLabel	gen_3_cand_38
Generation Rank	9/10

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': 2680.2684674495517, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 16.666666666666664, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 905.2060076758041, 'Fit': 1.0004651778785145}
numSmall_Fitness	{'Value': 5, 'Percent': 83.33333333333334, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.46511627906976744, 'Fit': 1.417298567840912}
IBI_fitness	{'Value': 2.4200000000000004, 'Fit': 1.0005755974777242}
baseline_fitness	{'Value': 819.7539447243907, 'Fit': 1000}
slopeFitness	{'Value': -2.815372487865176, 'Fit': 16.74115402026233}
thresh	{'Value': 865.7127382883027, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.10596026490066, 'Fit': 895.2222913490648}
E_rate_fitness	{'Value': 6.087301587301587, 'Fit': 183.08214293028115}
I_rate_fitness	{'Value': 1.6388888888888888, 'Fit': 1000}
maxFitness	1000
average_fitness	591.5386606369005
average_scaled_fitness	0.5911296000394747

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

