

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_5/gen_5_cand_58_data.json
SimLabel	gen_5_cand_58
Generation Rank	4/10

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': 1600.9000193230781, 'Fit': 1.0003321429773744}
numBig_Fitness	{'Value': 5, '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': 0.38461538461538464, 'Fit': 1.3076763038033286}
IBI_fitness	{'Value': 2.675, 'Fit': 1.0005525581381707}
baseline_fitness	{'Value': 1546.5812573178955, 'Fit': 1000}
slopeFitness	{'Value': -2.209643900691084, 'Fit': 9.135257825952039}
thresh	{'Value': 1471.6298305096866, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 76.15894039735099, 'Fit': 1000}
E_rate_fitness	{'Value': 0.8333333333333333, 'Fit': 1.045017188248993}
I_rate_fitness	{'Value': 3.8703703703703702, 'Fit': 2.3165864535207703}
maxFitness	1000
average_fitness	501.31711853938674
average_scaled_fitness	0.5008177705100249

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

