

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_1/gen_1_cand_41_data.json
SimLabel	gen_1_cand_41
Generation Rank	0/10

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}, 'lil_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': 2054.0859617272918, 'Fit': 500.50048954365394)
numBig_Fitness	('Value': 2, 'Percent': 28.57142857142857, 'Fit': 14.564272323979043)
SmallBurstVal_Fitness	('Value': 1195.9146791053747, 'Fit': 1.0007343542765172)
numSmall_Fitness	('Value': 5, 'Percent': 71.42857142857143, 'Fit': 14.564272323979043)
burst_peak_frequency_fitness	('Value': 0.510948905109489, 'Fit': 1.4837686980446654)
IBI_fitness	('Value': 2.166666666666667, 'Fit': 1.000598499504382)
baseline_fitness	('Value': 1110.5720459812428, 'Fit': 1000)
slopeFitness	('Value': -2.96562663093864, 'Fit': 19.455389827849363)
thresh	('Value': 1142.9582720027595, 'Fit': 1000)
sustain_oscillation_fitness	('Value': 90.06622516556291, 'Fit': 2.308982974937318)
E_rate_fitness	('Value': 7.571428571428571, 'Fit': 807.5959767809351)
I_rate_fitness	('Value': 1.037037037037037, 'Fit': 1000)
maxFitness	1000
average_fitness	363.53954044393
average_scaled_fitness	0.36290206120233165

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

