

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_7/gen_7_cand_22_data.json
SimLabel	gen_7_cand_22
Generation Rank	3/10

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': 2569.1791447770906, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 14.285714285714285, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 962.779721777918, 'Fit': 1.000518481259918}
numSmall_Fitness	{'Value': 6, 'Percent': 85.71428571428571, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5223880597014925, 'Fit': 1.5008392075134316}
IBI_fitness	{'Value': 2.1333333333333333, 'Fit': 1.0006015141670035}
baseline_fitness	{'Value': 899.5236940423937, 'Fit': 1000}
slopeFitness	{'Value': -2.5567418396976103, 'Fit': 12.925981458519166}
thresh	{'Value': 930.9895483180323, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 87.41721854304636, 'Fit': 32.64898537752051}
E_rate_fitness	{'Value': 6.682539682539682, 'Fit': 332.01263181879943}
I_rate_fitness	{'Value': 0.02777777777777778, 'Fit': 1000}
maxFitness	1000
average_fitness	531.7574631548149
average_scaled_fitness	0.5312885086453356

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

