

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_8/gen_8_cand_5_data.json
SimLabel	gen_8_cand_5
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': 1551.8409913229011, 'Fit': 143.71505318358157}
numBig_Fitness	{'Value': 7, 'Percent': 87.5, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1247.8930113007052, 'Fit': 1.0007824897224908}
numSmall_Fitness	{'Value': 1, 'Percent': 12.5, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5517241379310345, 'Fit': 1.5455201209604932}
IBI_fitness	{'Value': 1.9857142857142858, 'Fit': 1.0006148511195916}
baseline_fitness	{'Value': 1213.0554363517967, 'Fit': 1000}
slopeFitness	{'Value': -1.8858955438325995, 'Fit': 6.6087402717563295}
thresh	{'Value': 1246.5161337471798, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 7.749999999999999, 'Fit': 965.4876720257515}
I_rate_fitness	{'Value': 1.4722222222222222, 'Fit': 1000}
maxFitness	1000
average_fitness	513.667737812647
average_scaled_fitness	0.513180619110316

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

