

| Description | Value |
|-----------------|---|
| Data Directory | /NERSC/output/240523_Run9 it_srun_sims_8nodes/gen_1/gen_1_cand_58_data.json |
| SimLabel | gen_1_cand_58 |
| Generation Rank | 34/64 |

| 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': 3761.7112187366556, 'Fit': 500.5003684585593} |
| numBig_Fitness | {'Value': 2, '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': 0.5128205128205128, 'Fit': 1.4865483313614747} |
| IBI_fitness | {'Value': 3.2, 'Fit': 1.0005050959010144} |
| baseline_fitness | {'Value': 2028.3266116116072, 'Fit': 1000} |
| slopeFitness | {'Value': -67.10366418434293, 'Fit': 1000} |
| thresh | {'Value': 1803.1056700385152, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 25.165562913907287, 'Fit': 1000} |
| E_rate_fitness | {'Value': 15.42063492063492, 'Fit': 1000} |
| I_rate_fitness | {'Value': 0.0, 'Fit': 1000} |
| maxFitness | 1000 |
| average_fitness | 791.9156184904851 |
| average_scaled_fitness | 0.7917072205031591 |

| Parameter | Value |
|----------------|-------|
| binSize | 0.1 |
| gaussianSigma | 0.15 |
| thresholdBurst | 1.0 |

