

| Description | Value |
|-----------------|---|
| Data Directory | /NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_1/gen_1_cand_15_data.json |
| SimLabel | gen_1_cand_15 |
| Generation Rank | 13/64 |

| Criteria | Targets |
|----------------------|---|
| bursts_peak_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}} |
| 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': 7738.395689086513, 'Fit': 1000.0} |
| 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': 0.3424657534246575, 'Fit': 1.2537036832771924} |
| IBI_fitness | {'Value': 2.0999999999999996, 'Fit': 1.0006045263865846} |
| baseline_fitness | {'Value': 7638.424067788181, 'Fit': 1000} |
| slopeFitness | {'Value': 0.8836706305298295, 'Fit': 2.413729635422388} |
| thresh | {'Value': 7519.089953809016, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 90.06622516556291, 'Fit': 2.308982974937318} |
| E_rate_fitness | {'Value': 24.134920634920633, 'Fit': 1000} |
| I_rate_fitness | {'Value': 1.2222222222222223, 'Fit': 1000} |
| maxFitness | 1000 |
| average_fitness | 667.2480850683352 |
| average_scaled_fitness | 0.66691479850805 |

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

