

| Description     | Value   |
|-----------------|---|
| Data Directory  | /NERSC/output/240511_Run29_64proc/gen_0/gen_0_cand_23_data.json |
| SimLabel        | gen_0_cand_23   |
| Generation Rank | 26/123  |

| Criteria             | Targets   |
|----------------------|---|
|                      | {'cutoff' 1250,<br>'big_bursts' {'target' 1616.784, 'max' 1955.749, 'min' 1252.317, 'width' 350716.0, 'num_target' 31.25, 'num_min' 0},<br>'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': 28572.584246503113, 'Fit': 1000.0}            |
| numBig_Fitness               | {'Value': 1, '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': 0.6666666666666666, 'Fit': 1.733778325642695} |
| IBI_fitness                  | {'Value': None, 'Fit': 1000}                            |
| baseline_fitness             | {'Value': 21694.560015641724, 'Fit': 1000}              |
| slopeFitness                 | {'Value': -496.583772278435, 'Fit': 1000}               |
| thresh                       | {'Value': 12132.588885007344, 'Fit': 1000}              |
| sustain_oscillation_fitness  | {'Value': 9.933774834437086, 'Fit': 1000}               |
| E_rate_fitness               | {'Value': 87.82142857142857, 'Fit': 1000}               |
| I_rate_fitness               | {'Value': 12.361111111111111, 'Fit': 1000}              |
| maxFitness                   | 1000  |
| average_fitness              | 916.8111481938035                                       |
| average_scaled_fitness       | 0.9166666666666666                                      |

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

