

| Description     | Value  |
|-----------------|--|
| Data Directory  | /NERSC/output/240511_Run29_64proc/gen_0/gen_0_cand_5_data.json |
| SimLabel        | gen_0_cand_5   |
| Generation Rank | 8/123  |

| 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}, 'il_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': 5503.702820679034, 'Fit': 1000.0}              |
| numBig_Fitness               | {'Value': 6, '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': 0.410958904109589, 'Fit': 1.3425828621203695}  |
| IBI_fitness                  | {'Value': 2.62, 'Fit': 1.0005575182062114}               |
| baseline_fitness             | {'Value': 4363.242593311536, 'Fit': 1000}                |
| slopeFitness                 | {'Value': -3.2009320259970515, 'Fit': 24.61680989661906} |
| thresh                       | {'Value': 4369.494696224628, 'Fit': 1000}                |
| sustain_oscillation_fitness  | {'Value': 90.72847682119205, 'Fit': 1.1907168269628419}  |
| E_rate_fitness               | {'Value': 0.36507936507936506, 'Fit': 1.669104577710649} |
| I_rate_fitness               | {'Value': 27.462962962962962, 'Fit': 1000}               |
| maxFitness                   | 1000   |
| average_fitness              | 585.8183143068015  |
| average_scaled_fitness       | 0.5854034866483455                                       |

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

