

| Description | Value |
|-----------------|---|
| Data Directory | /NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_34_data.json |
| SimLabel | gen_0_cand_34 |
| Generation Rank | 2/64 |

| Criteria | Targets |
|----------------------|--|
| burts_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': 11159.722130331884, 'Fit': 1000.0} |
| numBig_Fitness | {'Value': 4, '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': 0.273972602739726, 'Fit': 1.1707083188746092} |
| IBI_fitness | {'Value': 3.8333333333333335, 'Fit': 1.0004478814857072} |
| baseline_fitness | {'Value': 10645.303302782066, 'Fit': 1000} |
| slopeFitness | {'Value': -2.517229648673849, 'Fit': 12.425206125007607} |
| thresh | {'Value': 10437.75368964581, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 93.37748344370861, 'Fit': 11.875187284818281} |
| E_rate_fitness | {'Value': 29.769841269841272, 'Fit': 1000} |
| I_rate_fitness | {'Value': 4.9907407407407405, 'Fit': 1.3234945495149208} |
| maxFitness | 1000 |
| average_fitness | 585.6495870133084 |
| average_scaled_fitness | 0.5852346358834645 |

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

