

| Description | Value |
|-----------------|---|
| Data Directory | /NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_5/gen_5_cand_32_data.json |
| SimLabel | gen_5_cand_32 |
| Generation Rank | 5/6 |

| 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}, '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} |
| lBI_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': 5739.045840234275, 'Fit': 1000.0} |
| numBig_Fitness | {'Value': 12, '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': 0.8450704225352113, 'Fit': 2.072398819173921} |
| lBI_fitness | {'Value': 1.2, 'Fit': 1.0006858727682053} |
| baseline_fitness | {'Value': 5586.822629445157, 'Fit': 1000} |
| slopeFitness | {'Value': 0.2984617314855796, 'Fit': 1.3444220509055387} |
| thresh | {'Value': 5507.94553531931, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 91.3907284768212, 'Fit': 1.6285599437908804} |
| E_rate_fitness | {'Value': 15.746031746031745, 'Fit': 1000} |
| I_rate_fitness | {'Value': 8.148148148148147, 'Fit': 31.11478262598535} |
| maxFitness | 1000 |
| average_fitness | 586.430070776052 |
| average_scaled_fitness | 0.5860158026382027 |

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

