

| Description | Value |
|-----------------|-----------------------------------------------------------------------------|
| Data Directory | /NERSC/output/240523_Run9_it_srun_sims_8nodes/gen_3/gen_3_cand_53_data.json |
| SimLabel | gen_3_cand_53 |
| Generation Rank | 1/6 |

| 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} |
| 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': 1482.2076458910437, 'Fit': 1.0003837971930996} |
| numBig_Fitness | {'Value': 11, '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': 0.7482993197278911, 'Fit': 1.8812485586793708} |
| IBI_fitness | {'Value': 1.4, 'Fit': 1.0006677939776734} |
| baseline_fitness | {'Value': 1413.9798459583048, 'Fit': 1000} |
| slopeFitness | {'Value': 0.20222676567449452, 'Fit': 1.221072111748158} |
| thresh | {'Value': 1392.10328965144, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 94.70198675496688, 'Fit': 44.654470808871295} |
| E_rate_fitness | {'Value': 4.134920634920635, 'Fit': 25.9858970114518} |
| I_rate_fitness | {'Value': 0.5, 'Fit': 1000} |
| maxFitness | 1000 |
| average_fitness | 506.3119783401601 |
| average_scaled_fitness | 0.5058176062806252 |

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

