Description	Value
Data Directory	/NERSC/output/240523_Run10_payload_test/gen_2/gen_2_cand_1_data.json
SimLabel	gen_2_cand_1
Generation Rank	1/6

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}, 'lil_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': 1262.5104559449353, 'Fit': 1.0010106540274957}
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': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 1219.9456673199745, 'Fit': 1000}
slopeFitness	{'Value': -0.03661159234461251, 'Fit': 1.0398839340534922}
thresh	{'Value': 1211.3202479105616, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 96.02649006622516, 'Fit': 167.9149739195781}
E_rate_fitness	{'Value': 4.234126984126984, 'Fit': 28.69607395534049}
I_rate_fitness	{'Value': 0.3333333333333333, 'Fit': 1000}
maxFitness	1000
average_fitness	599.9750814370415
average_scaled_fitness	0.5995742509961417

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_144_inibitory
soma_voltage

cell_2_excitatory
soma_voltage

cell_317_inibitory
soma_voltage

cell_393_inibitory
soma_voltage