Description	Value
Data Directory	/NERSC/output/240511_Run23_4proc/gen_0/gen_0_cand_108_data.json
SimLabel	gen_0_cand_108
Generation Rank	21/127

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': 19861.304102670732, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, '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': 0.564516129032258, 'Fit': 1.5654173921289605}
IBI_fitness	{'Value': 1.9833333333333334, 'Fit': 1.0006150721599414}
baseline_fitness	{'Value': 18135.8674907365, 'Fit': 1000}
slopeFitness	{'Value': -18.425463341119443, 'Fit': 1000}
thresh	{'Value': 18003.77089147925, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 81.45695364238411, 'Fit': 1000}
E_rate_fitness	{'Value': 89.5515873015873, 'Fit': 1000}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5471693720241
average_scaled_fitness	0.8333804473363123

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_0_excitatory
soma_voltage

cell_280_inibitory
soma_voltage