Description	Value
Data Directory	/NERSC/output/240511_Run22_2proc/gen_0/gen_0_cand_49_data.json
SimLabel	gen_0_cand_49
Generation Rank	17/120

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': 3820.9262379588195, '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': 0.2684563758389262, 'Fit': 1.1642682050479913}
IBI_fitness	{'Value': 4.333333333333333, 'Fit': 1.00040267085828}
baseline_fitness	{'Value': 1928.9662698010231, 'Fit': 1000}
slopeFitness	{'Value': -3.4374040301819444, 'Fit': 31.18388774172543}
thresh	{'Value': 2291.917161253366, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 98.01324503311258, 'Fit': 1000}
E_rate_fitness	{'Value': 1.119047619047619, 'Fit': 1.2733878565931163}
I_rate_fitness	{'Value': 21.47222222222222, 'Fit': 1000}
maxFitness	1000
average_fitness	669.5518288728521
average_scaled_fitness	0.669220916594349

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