Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_7/gen_7_cand_11_data.json
SimLabel	gen_7_cand_11
Generation Rank	1/10

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': None, 'Fit': 1000}
numBig_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 887.5906236641237, 'Fit': 1.0004488690920945}
numSmall_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 880.9744323943459, 'Fit': 1000}
slopeFitness	{'Value': 0.001497588857248259, 'Fit': 1.0010004239423511}
thresh	{'Value': 867.9774817785747, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.05298013245033, 'Fit': 3.1580280875591966}
E_rate_fitness	{'Value': 1.6309523809523807, 'Fit': 2.1246045995273084}
I_rate_fitness	{'Value': 2.8055555555555554, 'Fit': 6.718799956890391}
maxFitness	1000
average_fitness	501.2543263932091
average_scaled_fitness	0.5007548571546497

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_18_excitatory

cell_204_inibitory

cell_288_inibitory

cell_331_inibitory