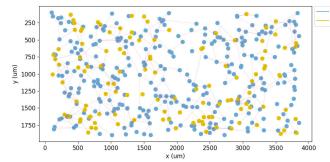| Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_6/gen_6_cand_25_data.json
SimLabel	gen_6_cand_25
Generation Rank	8/10

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': 2050.731268147631, 'Fit': 1000.0}
numBig_Fitness	{'Value': 14, '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': 0.958904109589041, 'Fit': 2.3222591263208927}
IBI_fitness	{'Value': 1.0538461538461539, 'Fit': 1.0006990845553874}
baseline_fitness	{'Value': 1962.0679151558443, 'Fit': 1000}
slopeFitness	{'Value': -0.1622755419828116, 'Fit': 1.1791254913462133}
thresh	{'Value': 1935.1754152857623, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.71523178807946, 'Fit': 6.12390194161218}
E_rate_fitness	{'Value': 6.230158730158729, 'Fit': 211.19715127475504}
I_rate_fitness	{'Value': 1.0925925925925926, 'Fit': 1000}
maxFitness	1000
average_fitness	601.8185947432158
average_scaled_fitness	0.6014197358377468

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