

Data Directory: /NERSC/output/240521\_Run2\_overnight\_reg/gen\_16/gen\_16\_cand\_5\_data.json  
SimLabel: gen\_16\_cand\_5  
Generation Rank: 0/1

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}}

BigBurstVal\_Fitness: {'Value': 2818.9206444270294, 'Fit': 1000.0}  
numBig\_Fitness: {'Value': 9, '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': 0.6164383561643835, 'Fit': 1.6488444674275227}  
IBI\_fitness: {'Value': 1.725, 'Fit': 1.0006384180090877}  
baseline\_fitness: {'Value': 2723.396361171882, 'Fit': 1000}  
slopeFitness: {'Value': -0.6124066964322704, 'Fit': 1.8494794278502886}  
thresh: {'Value': 2670.2743922640843, 'Fit': 1000}  
sustained\_oscillation\_fitness: {'Value': 92.71523178807946, 'Fit': 0.16329458073209116}  
E\_rate\_fitness: {'Value': 4.9603174603174605, 'Fit': 59.32025367348967}  
I\_rate\_fitness: {'Value': 6.046296296296296, 'Fit': 3.803155740032646}  
maxFitness: 1000  
average\_fitness: 505.64880552562846  
average\_scaled\_fitness: 0.5055680674705054  
binSize: 0.1  
gaussianSigma: 0.15  
thresholdBurst: 1

