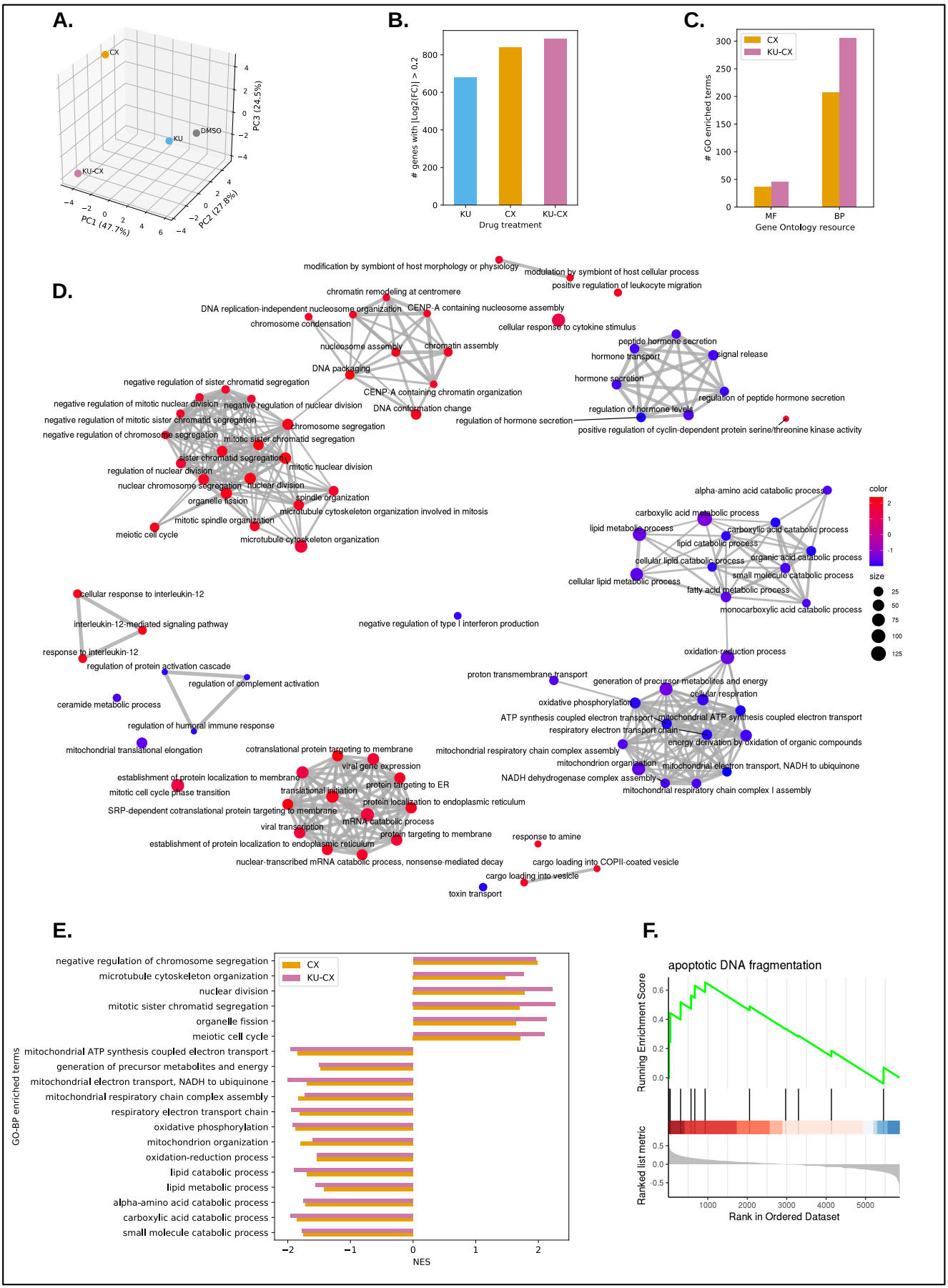

A.
CX
DMSO
KU
KU-CX
PC1 (47.7%)
PC2 (27.8%)
PC3 (24.5%)
B.
genes with |Log2(FC)| > 0.2
KU
CX
KU-CX
Drug treatment
C.
CX
KU-CX
GO enriched terms
MF
BP
Gene Ontology resource
D.
modification by symbiont of host morphology or physiology
modulation by symbiont of host cellular process
positive regulation of leukocyte migration
chromatin remodeling at centromere
DNA replication-independent nucleosome organization
CENP-A containing nucleosome assembly
chromosome condensation
cellular response to cytokine stimulus
nucleosome assembly
chromatin assembly
peptide hormone secretion
hormone transport
signal release
DNA packaging
hormone secretion
negative regulation of sister chromatid segregation
CENP-A containing chromatin organization
regulation of peptide hormone secretion
negative regulation of mitotic nuclear division
negative regulation of nuclear division
DNA conformation change
regulation of hormone levels
negative regulation of mitotic sister chromatid segregation
chromosome segregation
regulation of hormone secretion
positive regulation of cyclin-dependent protein serine/threonine kinase activity
negative regulation of chromosome segregation
mitotic sister chromatid segregation
sister chromatid segregation
mitotic nuclear division
regulation of nuclear division
nuclear chromosome segregation
nuclear division
organelle fission
spindle organization
microtubule cytoskeleton organization involved in mitosis
mitotic spindle organization
meiotic cell cycle
microtubule cytoskeleton organization
alpha-amino acid catabolic process
carboxylic acid metabolic process
lipid metabolic process
carboxylic acid catabolic process
lipid catabolic process
organic acid catabolic process
cellular lipid catabolic process
small molecule catabolic process
cellular lipid metabolic process
fatty acid metabolic process
monocarboxylic acid catabolic process
color
size
cellular response to interleukin-12
interleukin-12-mediated signaling pathway
negative regulation of type I interferon production
response to interleukin-12
regulation of protein activation cascade
oxidation-reduction process
regulation of complement activation
proton transmembrane transport
generation of precursor metabolites and energy
ceramide metabolic process
cellular respiration
oxidative phosphorylation
regulation of humoral immune response
ATP synthesis coupled electron transport
mitochondrial ATP synthesis coupled electron transport
respiratory electron transport chain
mitochondrial translational elongation
energy derivation by oxidation of organic compounds
cotranslational protein targeting to membrane
mitochondrial respiratory chain complex assembly
viral gene expression
mitochondrion organization
establishment of protein localization to membrane
mitochondrial electron transport, NADH to ubiquinone
NADH dehydrogenase complex assembly
protein targeting to ER
mitotic cell cycle phase transition
translational initiation
mitochondrial respiratory chain complex I assembly
protein localization to endoplasmic reticulum
SRP-dependent cotranslational protein targeting to membrane
mRNA catabolic process
viral transcription
protein targeting to membrane
response to amine
establishment of protein localization to endoplasmic reticulum
nuclear-transcribed mRNA catabolic process, nonsense-mediated decay
cargo loading into COPII-coated vesicle
cargo loading into vesicle
toxin transport
E.
CX
KU-CX
negative regulation of chromosome segregation
microtubule cytoskeleton organization
nuclear division
mitotic sister chromatid segregation
organelle fission
meiotic cell cycle
mitochondrial ATP synthesis coupled electron transport
generation of precursor metabolites and energy
mitochondrial electron transport, NADH to ubiquinone
mitochondrial respiratory chain complex assembly
respiratory electron transport chain
oxidative phosphorylation
mitochondrion organization
oxidation-reduction process
lipid catabolic process
lipid metabolic process
alpha-amino acid catabolic process
carboxylic acid catabolic process
small molecule catabolic process
GO-BP enriched terms
NES
F.
apoptotic DNA fragmentation
Running Enrichment Score
Ranked list metric
Rank in Ordered Dataset

Figure S6