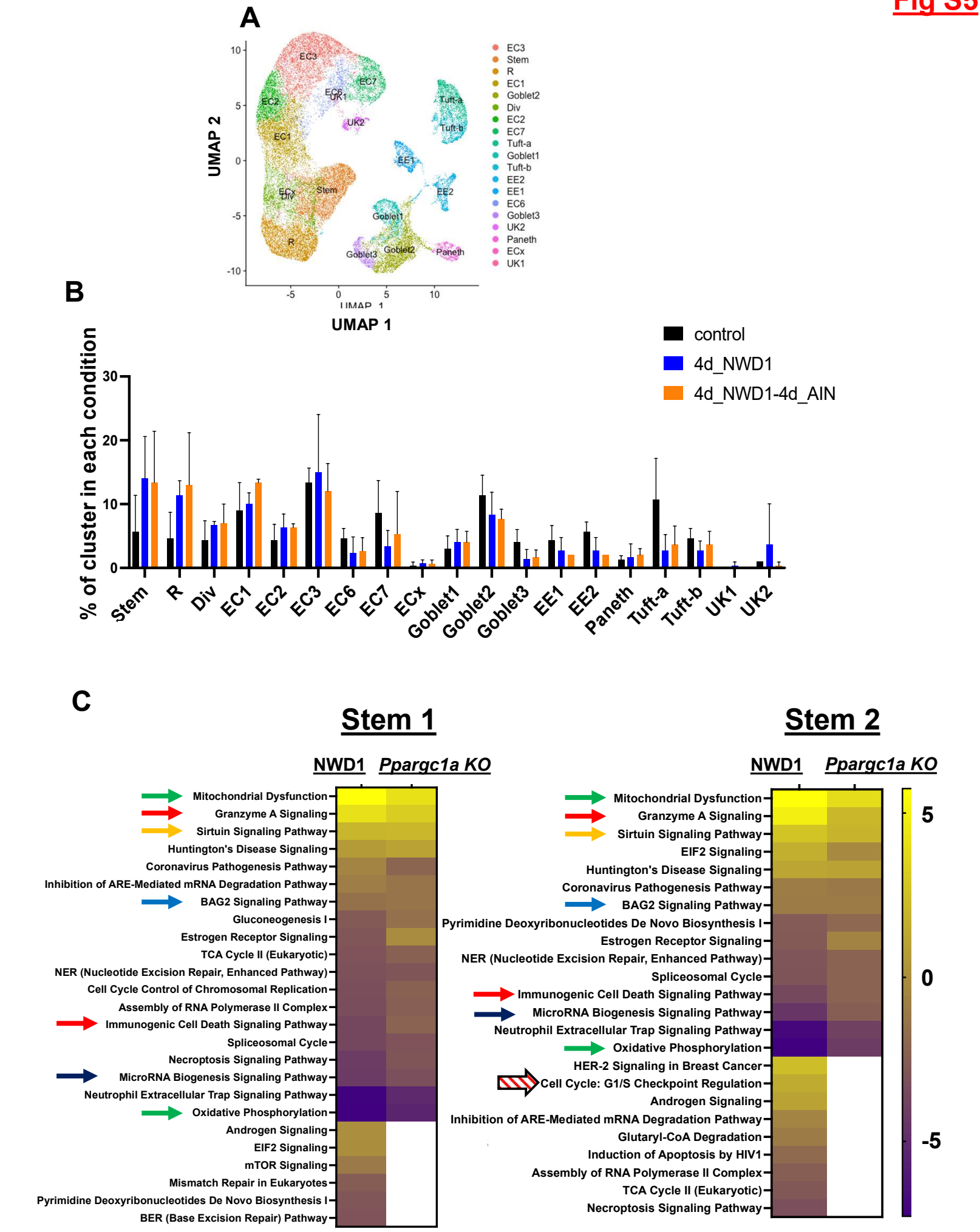
Fig S5


A
UMAP 2
UMAP 1
EC3
Stem
R
EC1
Goblet2
Div
EC2
EC7
Tuft-a
Goblet1
Tuft-b
EE2
EE1
EC6
Goblet3
UK2
Paneth
ECx
UK1
B
% of cluster in each condition
control
4d_NWD1
4d_NWD1-4d_AIN
Stem
R
Div
EC1
EC2
EC3
EC6
EC7
ECx
Goblet1
Goblet2
Goblet3
EE1
EE2
Paneth
Tuft-a
Tuft-b
UK1
UK2
C
Stem 1
NWD1
Ppargc1a KO
Mitochondrial Dysfunction
Granzyme A Signaling
Sirtuin Signaling Pathway
Huntington's Disease Signaling
Coronavirus Pathogenesis Pathway
Inhibition of ARE-Mediated mRNA Degradation Pathway
BAG2 Signaling Pathway
Gluconeogenesis I
Estrogen Receptor Signaling
TCA Cycle II (Eukaryotic)
NER (Nucleotide Excision Repair, Enhanced Pathway)
Cell Cycle Control of Chromosomal Replication
Assembly of RNA Polymerase II Complex
Immunogenic Cell Death Signaling Pathway
Spliceosomal Cycle
Necroptosis Signaling Pathway
MicroRNA Biogenesis Signaling Pathway
Neutrophil Extracellular Trap Signaling Pathway
Oxidative Phosphorylation
Androgen Signaling
EIF2 Signaling
mTOR Signaling
Mismatch Repair in Eukaryotes
Pyrimidine Deoxyribonucleotides De Novo Biosynthesis I
BER (Base Excision Repair) Pathway
Stem 2
NWD1
Ppargc1a KO
Mitochondrial Dysfunction
Granzyme A Signaling
Sirtuin Signaling Pathway
EIF2 Signaling
Huntington's Disease Signaling
Coronavirus Pathogenesis Pathway
BAG2 Signaling Pathway
Pyrimidine Deoxyribonucleotides De Novo Biosynthesis I
Estrogen Receptor Signaling
NER (Nucleotide Excision Repair, Enhanced Pathway)
Spliceosomal Cycle
Immunogenic Cell Death Signaling Pathway
MicroRNA Biogenesis Signaling Pathway
Neutrophil Extracellular Trap Signaling Pathway
Oxidative Phosphorylation
HER-2 Signaling in Breast Cancer
Cell Cycle: G1/S Checkpoint Regulation
Androgen Signaling
Inhibition of ARE-Mediated mRNA Degradation Pathway
Glutaryl-CoA Degradation
Induction of Apoptosis by HIV1
Assembly of RNA Polymerase II Complex
TCA Cycle II (Eukaryotic)
Necroptosis Signaling Pathway
5
0
-5