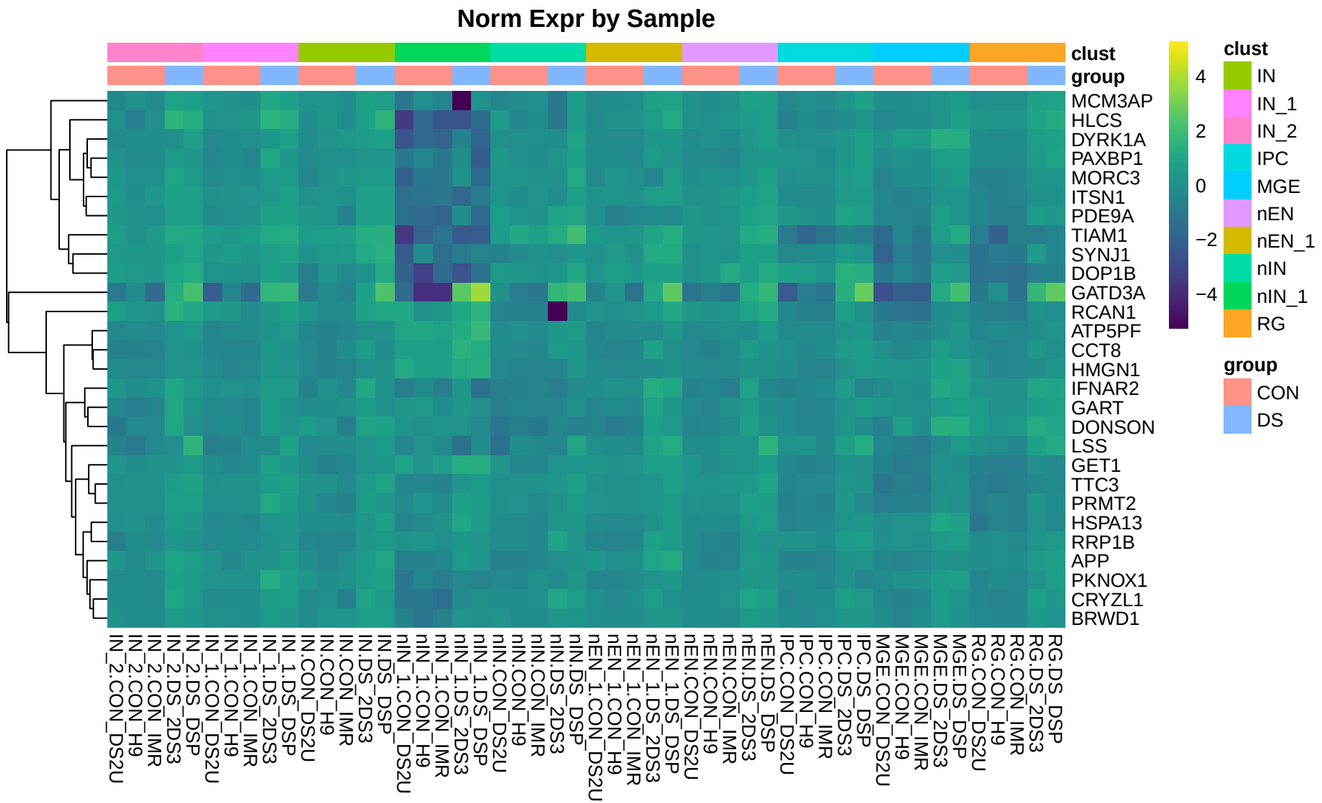
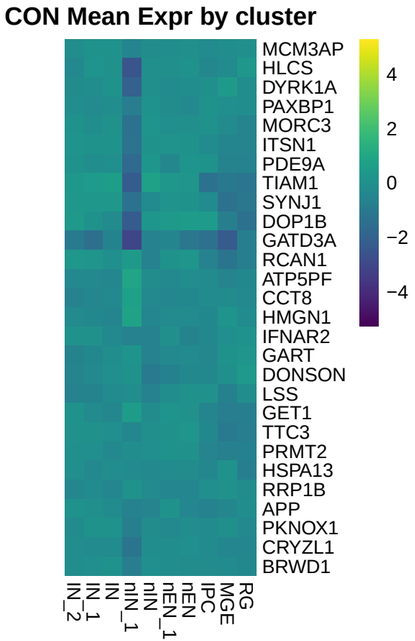
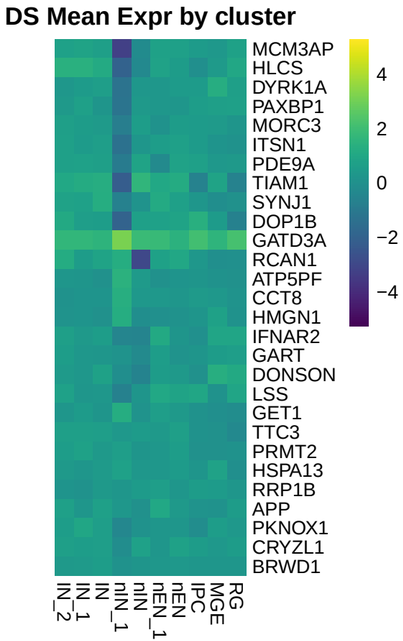
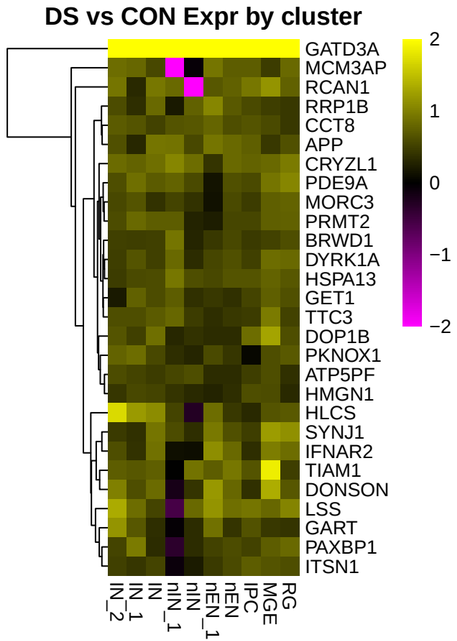
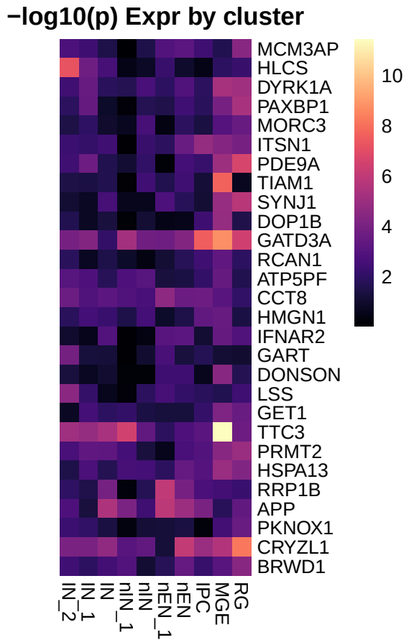
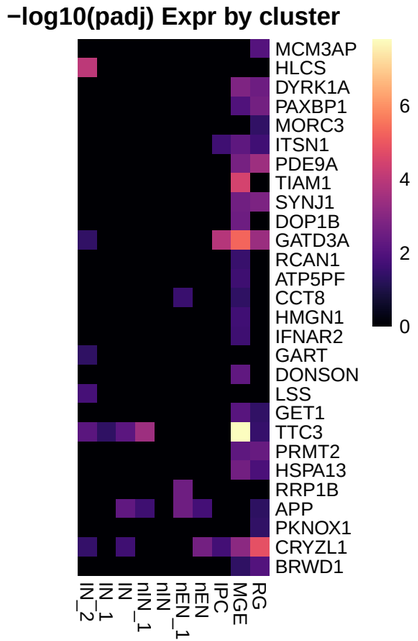

Norm Expr by Sample
clust
group
MCM3AP
HLCS
DYRK1A
PAXBP1
MORC3
ITSN1
PDE9A
TIAM1
SYNJ1
DOP1B
GATD3A
RCAN1
ATP5PF
CCT8
HMGN1
IFNAR2
GART
DONSON
LSS
GET1
TTC3
PRMT2
HSPA13
RRP1B
APP
PKNOX1
CRYZL1
BRWD1
IN_2.CON_DS2U
IN_2.CON_H9
IN_2.CON_IMR
IN_2.DS_2DS3
IN_2.DS_DSP
IN_1.CON_DS2U
IN_1.CON_H9
IN_1.CON_IMR
IN_1.DS_2DS3
IN_1.DS_DSP
IN.CON_DS2U
IN.CON_H9
IN.CON_IMR
IN.DS_2DS3
IN.DS_DSP
nIN_1.CON_DS2U
nIN_1.CON_H9
nIN_1.CON_IMR
nIN_1.DS_2DS3
nIN_1.DS_DSP
nIN.CON_DS2U
nIN.CON_H9
nIN.CON_IMR
nIN.DS_2DS3
nIN.DS_DSP
nEN_1.CON_DS2U
nEN_1.CON_H9
nEN_1.CON_IMR
nEN_1.DS_2DS3
nEN_1.DS_DSP
nEN.CON_DS2U
nEN.CON_H9
nEN.CON_IMR
nEN.DS_2DS3
nEN.DS_DSP
IPC.CON_DS2U
IPC.CON_H9
IPC.CON_IMR
IPC.DS_2DS3
IPC.DS_DSP
MGE.CON_DS2U
MGE.CON_H9
MGE.CON_IMR
MGE.DS_2DS3
MGE.DS_DSP
RG.CON_DS2U
RG.CON_H9
RG.CON_IMR
RG.DS_2DS3
RG.DS_DSP
4
2
0
−2
−4
clust
IN
IN_1
IN_2
IPC
MGE
nEN
nEN_1
nIN
nIN_1
RG
group
CON
DS

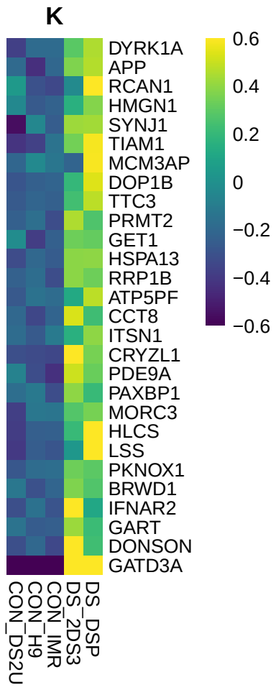

CON Mean Expr by cluster
MCM3AP
HLCS
DYRK1A
PAXBP1
MORC3
ITSN1
PDE9A
TIAM1
SYNJ1
DOP1B
GATD3A
RCAN1
ATP5PF
CCT8
HMGN1
IFNAR2
GART
DONSON
LSS
GET1
TTC3
PRMT2
HSPA13
RRP1B
APP
PKNOX1
CRYZL1
BRWD1
RG
MGE
IPC
nEN
nEN_1
nIN
nIN_1
IN
IN_1
IN_2
4
2
0
−2
−4

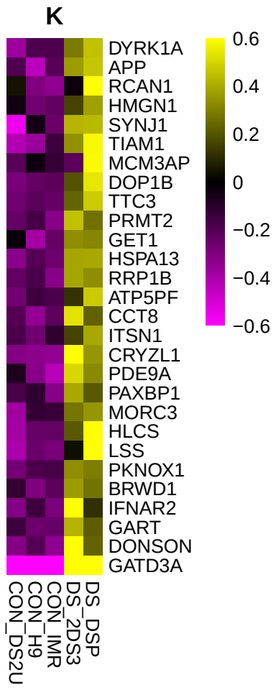

DS Mean Expr by cluster
MCM3AP
HLCS
DYRK1A
PAXBP1
MORC3
ITSN1
PDE9A
TIAM1
SYNJ1
DOP1B
GATD3A
RCAN1
ATP5PF
CCT8
HMGN1
IFNAR2
GART
DONSON
LSS
GET1
TTC3
PRMT2
HSPA13
RRP1B
APP
PKNOX1
CRYZL1
BRWD1
RG
MGE
IPC
nEN
nEN_1
nIN
nIN_1
IN
IN_1
IN_2
4
2
0
−2
−4

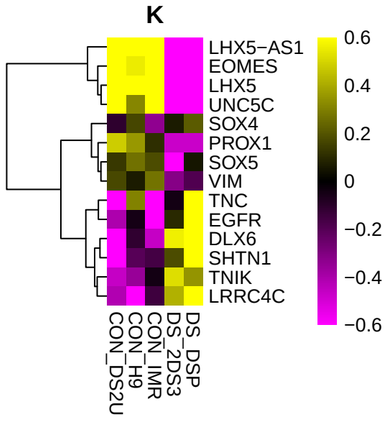

DS vs CON Expr by cluster
GATD3A
MCM3AP
RCAN1
RRP1B
CCT8
APP
CRYZL1
PDE9A
MORC3
PRMT2
BRWD1
DYRK1A
HSPA13
GET1
TTC3
DOP1B
PKNOX1
ATP5PF
HMGN1
HLCS
SYNJ1
IFNAR2
TIAM1
DONSON
LSS
GART
PAXBP1
ITSN1
IN_2
IN_1
IN
nIN_1
nIN
nEN_1
nEN
IPC
MGE
RG
2
1
0
−1
−2

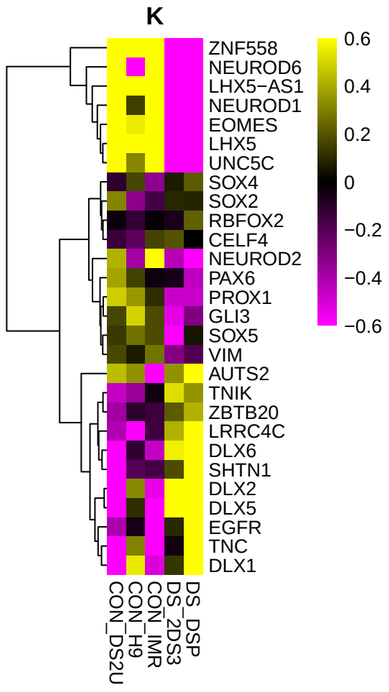

−log10(p) Expr by cluster
MCM3AP
HLCS
DYRK1A
PAXBP1
MORC3
ITSN1
PDE9A
TIAM1
SYNJ1
DOP1B
GATD3A
RCAN1
ATP5PF
CCT8
HMGN1
IFNAR2
GART
DONSON
LSS
GET1
TTC3
PRMT2
HSPA13
RRP1B
APP
PKNOX1
CRYZL1
BRWD1
IN_2
IN_1
IN
nIN_1
nIN
nEN_1
nEN
IPC
MGE
RG
10
8
6
4
2


−log10(padj) Expr by cluster
MCM3AP
HLCS
DYRK1A
PAXBP1
MORC3
ITSN1
PDE9A
TIAM1
SYNJ1
DOP1B
GATD3A
RCAN1
ATP5PF
CCT8
HMGN1
IFNAR2
GART
DONSON
LSS
GET1
TTC3
PRMT2
HSPA13
RRP1B
APP
PKNOX1
CRYZL1
BRWD1
IN_2
IN_1
IN
nIN_1
nIN
nEN_1
nEN
IPC
MGE
RG
6
4
2
0


K
DYRK1A
APP
RCAN1
HMGN1
SYNJ1
TIAM1
MCM3AP
DOP1B
TTC3
PRMT2
GET1
HSPA13
RRP1B
ATP5PF
CCT8
ITSN1
CRYZL1
PDE9A
PAXBP1
MORC3
HLCS
LSS
PKNOX1
BRWD1
IFNAR2
GART
DONSON
GATD3A
DS_DSP
DS_2DS3
CON_IMR
CON_H9
CON_DS2U
0.6
0.4
0.2
0
−0.2
−0.4
−0.6


K
DYRK1A
APP
RCAN1
HMGN1
SYNJ1
TIAM1
MCM3AP
DOP1B
TTC3
PRMT2
GET1
HSPA13
RRP1B
ATP5PF
CCT8
ITSN1
CRYZL1
PDE9A
PAXBP1
MORC3
HLCS
LSS
PKNOX1
BRWD1
IFNAR2
GART
DONSON
GATD3A
CON_DS2U
CON_H9
CON_IMR
DS_2DS3
DS_DSP
0.6
0.4
0.2
0
−0.2
−0.4
−0.6


K
LHX5−AS1
EOMES
LHX5
UNC5C
SOX4
PROX1
SOX5
VIM
TNC
EGFR
DLX6
SHTN1
TNIK
LRRC4C
CON_DS2U
CON_H9
CON_IMR
DS_2DS3
DS_DSP
0.6
0.4
0.2
0
−0.2
−0.4
−0.6


K
ZNF558
NEUROD6
LHX5−AS1
NEUROD1
EOMES
LHX5
UNC5C
SOX4
SOX2
RBFOX2
CELF4
NEUROD2
PAX6
PROX1
GLI3
SOX5
VIM
AUTS2
TNIK
ZBTB20
LRRC4C
DLX6
SHTN1
DLX2
DLX5
EGFR
TNC
DLX1
CON_DS2U
CON_H9
CON_IMR
DS_2DS3
DS_DSP
0.6
0.4
0.2
0
−0.2
−0.4
−0.6