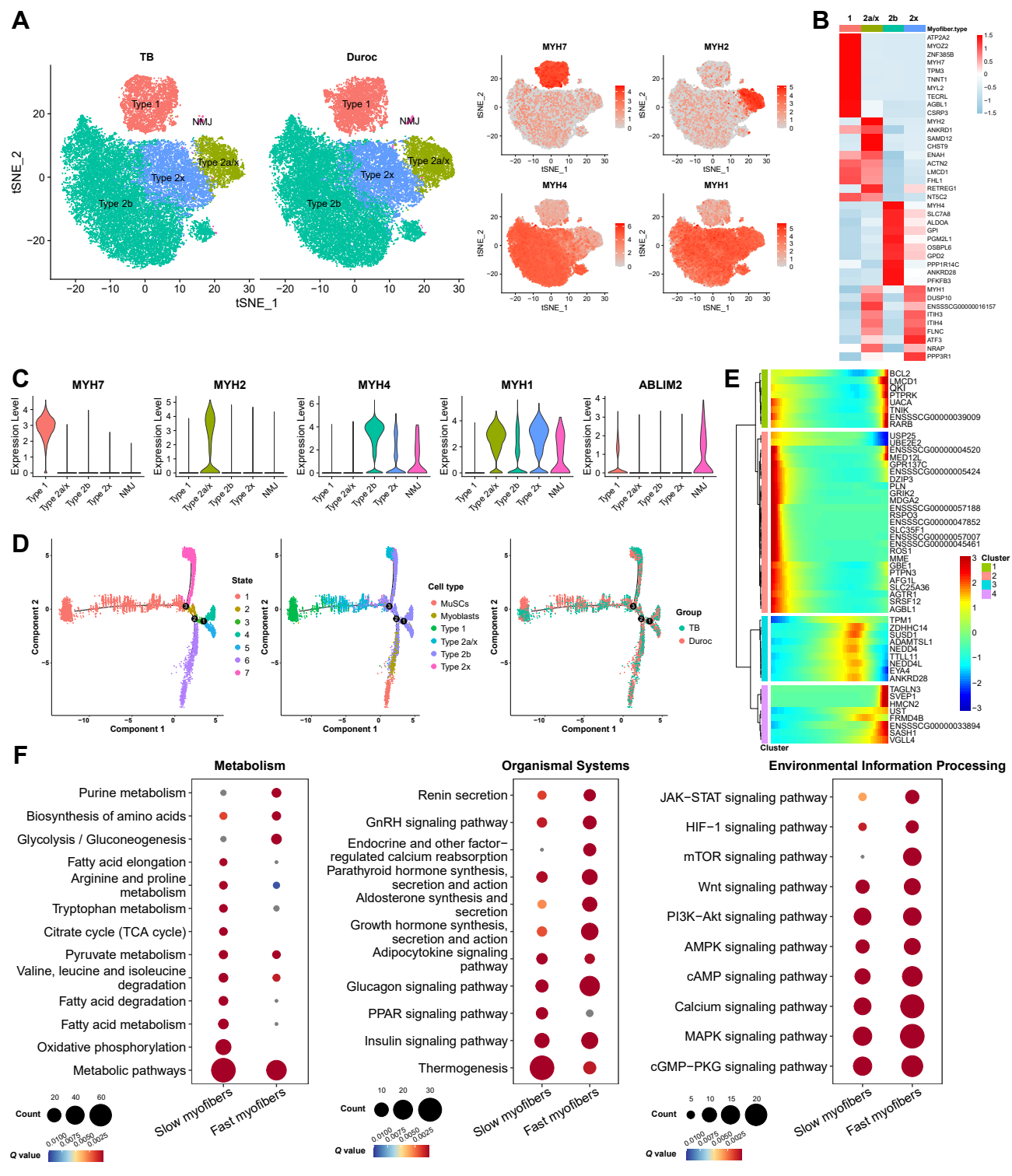
A
TB
Duroc
Type 1
NMJ
Type 2a/x
Type 2x
Type 2b
tSNE_1
tSNE_2
MYH7
MYH2
MYH4
MYH1
B
1
2a/x
2b
2x
Myofiber.type
ATP2A2
MYOZ2
ZNF385B
MYH7
TPM3
TNNT1
MYL2
TECRL
ABGL1
CSRP3
MYH2
ANKRD1
SAMD12
CHST9
ENAH
ACTN2
LMCD1
FHL1
RETREG1
NT5C2
MYH4
SLC7A8
ALDOA
GPI
PGM2L1
OSBPL6
GPD2
PPP1R14C
ANKRD28
PFKFB3
MYH1
DUSP10
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ITIH3
ITIH4
FLNC
ATF3
NRAP
PPP3R1
C
MYH7
MYH2
MYH4
MYH1
ABLIM2
Expression Level
Type 1
Type 2a/x
Type 2b
Type 2x
NMJ
D
State
Cell type
MuSCs
Myoblasts
Type 1
Type 2a/x
Type 2b
Type 2x
Group
TB
Duroc
Component 1
Component 2
E
Cluster
BCL2
MCD1
QKI
PTPRK
UACA
TNIK
ENSSSCG00000039009
RARB
SBP25
UBE2E2
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MED12L
GPR27C
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DZIP3
PLN
GRIK2
MDGA2
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RSPO3
ENSSSCG00000047852
SLC35F1
ENSSSCG00000057007
ENSSSCG00000045461
ROS1
MME
GBE1
PTPN3
AFG1L
SLC25A36
AGTR1
SRSF12
AGBL1
TPM1
ZDHHC14
SUSD1
ADAMTSL1
NEDD4
TTLL11
NEDD4L
EYA4
ANKRD28
TAGLN3
SVEP1
HMCN2
UST
FRMD4B
ENSSSCG00000033894
SASH1
VGLL4
F
Metabolism
Purine metabolism
Biosynthesis of amino acids
Glycolysis / Gluconeogenesis
Fatty acid elongation
Arginine and proline metabolism
Tryptophan metabolism
Citrate cycle (TCA cycle)
Pyruvate metabolism
Valine, leucine and isoleucine degradation
Fatty acid degradation
Fatty acid metabolism
Oxidative phosphorylation
Metabolic pathways
Organismal Systems
Renin secretion
GnRH signaling pathway
Endocrine and other factor−regulated calcium reabsorption
Parathyroid hormone synthesis, secretion and action
Aldosterone synthesis and secretion
Growth hormone synthesis, secretion and action
Adipocytokine signaling pathway
Glucagon signaling pathway
PPAR signaling pathway
Insulin signaling pathway
Thermogenesis
Environmental Information Processing
JAK−STAT signaling pathway
HIF−1 signaling pathway
mTOR signaling pathway
Wnt signaling pathway
PI3K−Akt signaling pathway
AMPK signaling pathway
cAMP signaling pathway
Calcium signaling pathway
MAPK signaling pathway
cGMP−PKG signaling pathway
Slow myofibers
Fast myofibers
Count
Q value