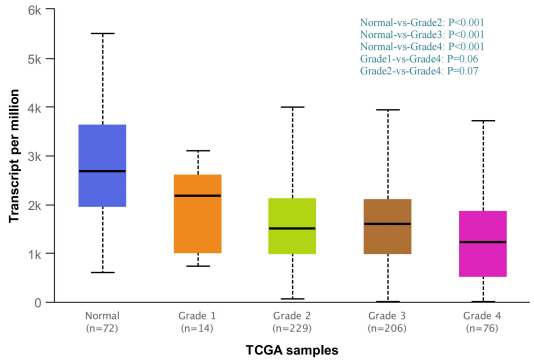
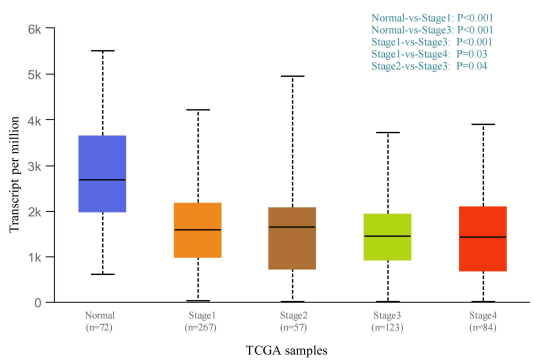
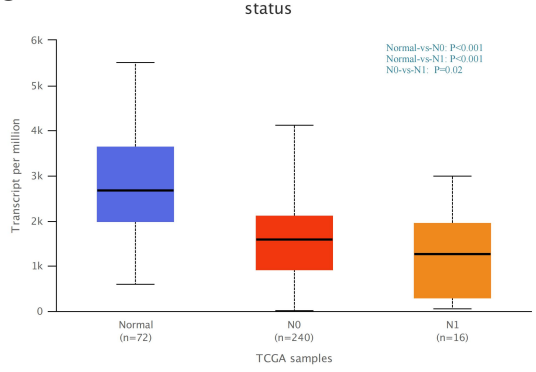
A


Expression of FXYD2 in KIRC based on tumor grade
Normal-vs-Grade2: P<0.001
Normal-vs-Grade3: P<0.001
Normal-vs-Grade4: P<0.001
Grade1-vs-Grade4: P=0.06
Grade2-vs-Grade4: P=0.07
Transcript per million
6k
5k
4k
3k
2k
1k
0
Normal (n=72)
Grade 1 (n=14)
Grade 2 (n=229)
Grade 3 (n=206)
Grade 4 (n=76)
TCGA samples

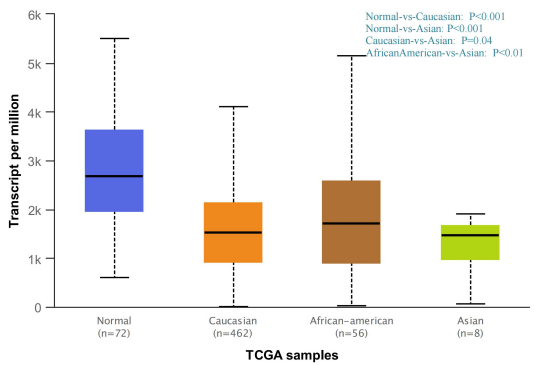
B


Expression of FXYD2 in KIRC based on individual cancer stages
Normal-vs-Stage1: P<0.001
Normal-vs-Stage3: P<0.001
Stage1-vs-Stage3: P<0.001
Stage1-vs-Stage4: P=0.03
Stage2-vs-Stage3: P=0.04
Transcript per million
6k
5k
4k
3k
2k
1k
0
Normal (n=72)
Stage1 (n=267)
Stage2 (n=57)
Stage3 (n=123)
Stage4 (n=84)
TCGA samples

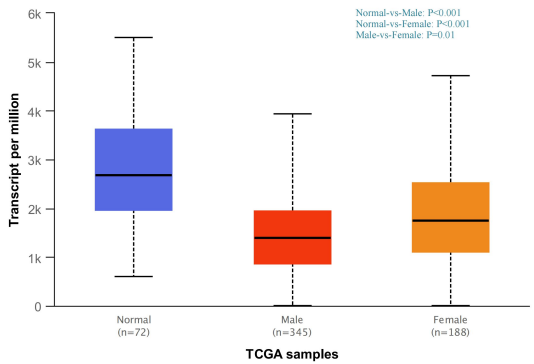
C


Expression of FXYD2 in KIRC based on nodal metastasis status
Normal-vs-N0: P<0.001
Normal-vs-N1: P<0.001
N0-vs-N1: P=0.02
Transcript per million
6k
5k
4k
3k
2k
1k
0
Normal (n=72)
N0 (n=240)
N1 (n=16)
TCGA samples

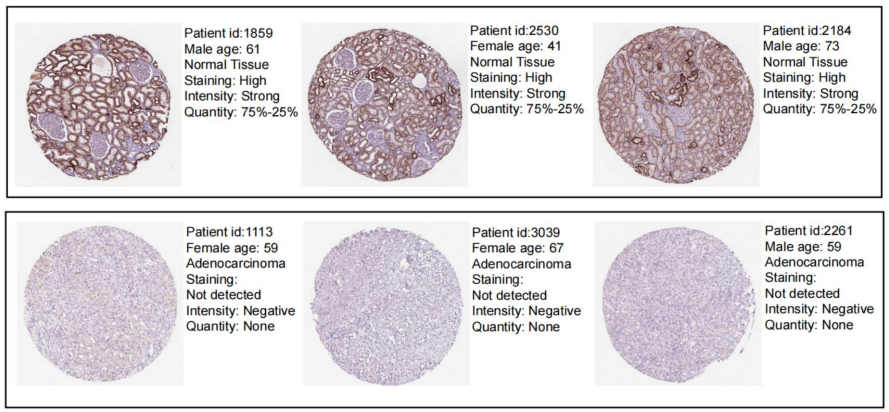
D


Expression of FXYD2 in KIRC based on patient's race
Normal-vs-Caucasian: P<0.001
Normal-vs-Asian: P<0.001
Caucasian-vs-Asian: P=0.04
AfricanAmerican-vs-Asian: P<0.01
Transcript per million
6k
5k
4k
3k
2k
1k
0
Normal (n=72)
Caucasian (n=462)
African−american (n=56)
Asian (n=8)
TCGA samples

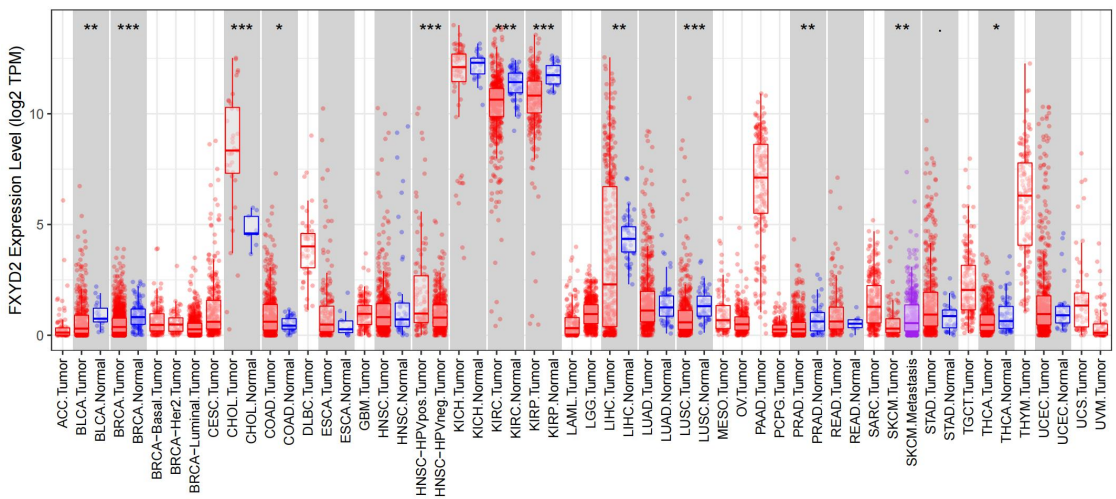
E


Expression of FXYD2 in KIRC based on patient's gender
Normal-vs-Male: P<0.001
Normal-vs-Female: P<0.001
Male-vs-Female: P=0.01
Transcript per million
6k
5k
4k
3k
2k
1k
0
Normal (n=72)
Male (n=345)
Female (n=188)
TCGA samples

F


Patient id:1859
Male age: 61
Normal Tissue
Staining: High
Intensity: Strong
Quantity: 75%-25%
Patient id:2530
Female age: 41
Normal Tissue
Staining: High
Intensity: Strong
Quantity: 75%-25%
Patient id:2184
Male age: 73
Normal Tissue
Staining: High
Intensity: Strong
Quantity: 75%-25%
Patient id:1113
Female age: 59
Adenocarcinoma
Staining:
Not detected
Intensity: Negative
Quantity: None
Patient id:3039
Female age: 67
Adenocarcinoma
Staining:
Not detected
Intensity: Negative
Quantity: None
Patient id:2261
Male age: 59
Adenocarcinoma
Staining:
Not detected
Intensity: Negative
Quantity: None

G


FXYD2 Expression Level (log2 TPM)
10
5
0
ACC.Tumor
BLCA.Tumor
BLCA.Normal
BRCA.Tumor
BRCA.Normal
BRCA−Basal.Tumor
BRCA−Her2.Tumor
BRCA−Luminal.Tumor
CESC.Tumor
CHOL.Tumor
CHOL.Normal
COAD.Tumor
COAD.Normal
DLBC.Tumor
ESCA.Tumor
ESCA.Normal
GBM.Tumor
HNSC.Tumor
HNSC.Normal
HNSC−HPVpos.Tumor
HNSC−HPVneg.Tumor
KICH.Tumor
KICH.Normal
KIRC.Tumor
KIRC.Normal
KIRP.Tumor
KIRP.Normal
LAML.Tumor
LGG.Tumor
LIHC.Tumor
LIHC.Normal
LUAD.Tumor
LUAD.Normal
LUSC.Tumor
LUSC.Normal
MESO.Tumor
OV.Tumor
PAAD.Tumor
PCPG.Tumor
PRAD.Tumor
PRAD.Normal
READ.Tumor
READ.Normal
SARC.Tumor
SKCM.Tumor
SKCM.Metastasis
STAD.Tumor
STAD.Normal
TGCT.Tumor
THCA.Tumor
THCA.Normal
THYM.Tumor
UCEC.Tumor
UCEC.Normal
UCS.Tumor
UVM.Tumor