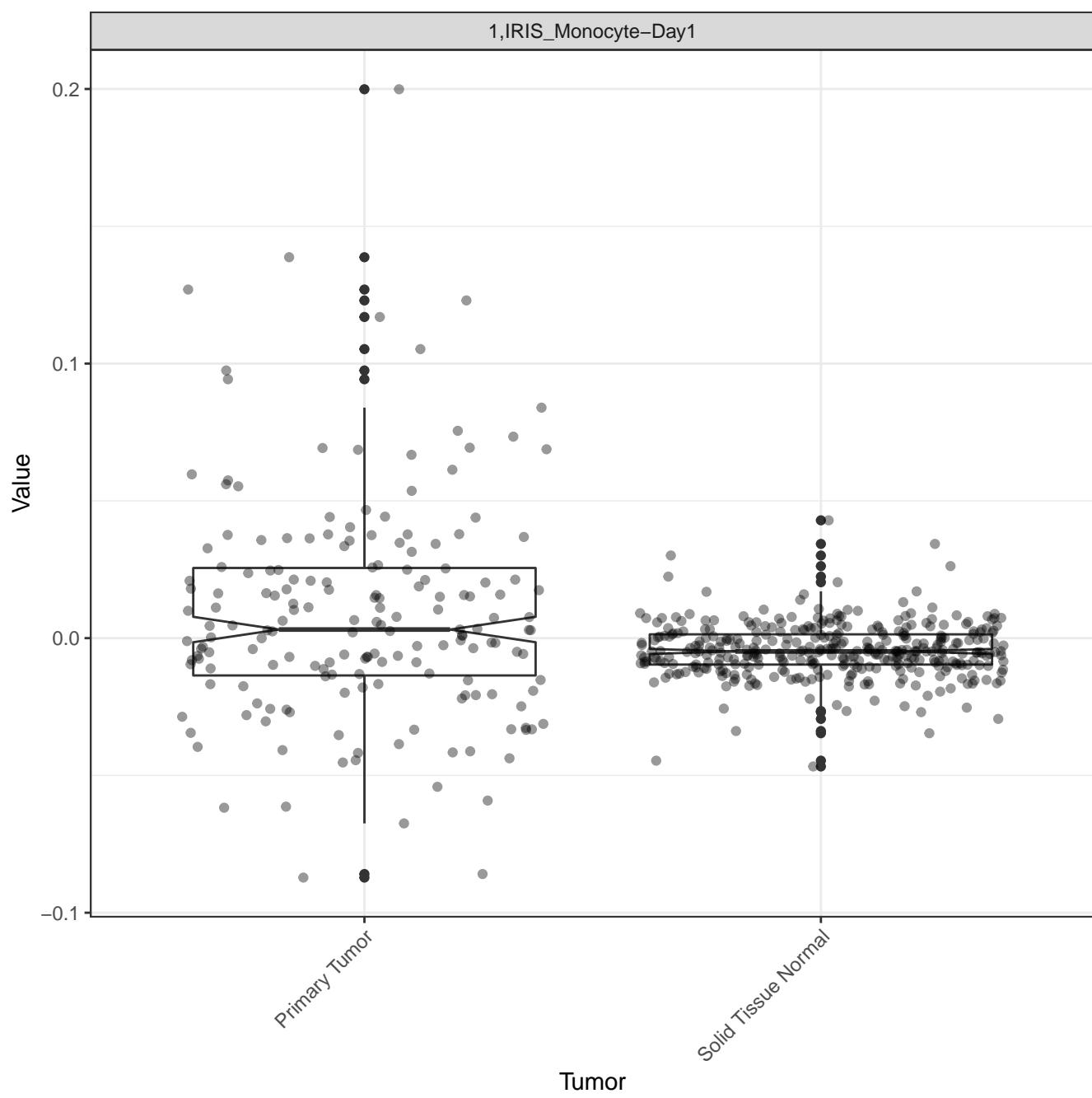


## 1,IRIS\_Monocyte–Day1



## 2,REACTOME\_DNA\_REPLICATION

Value

0.3

0.2

0.1

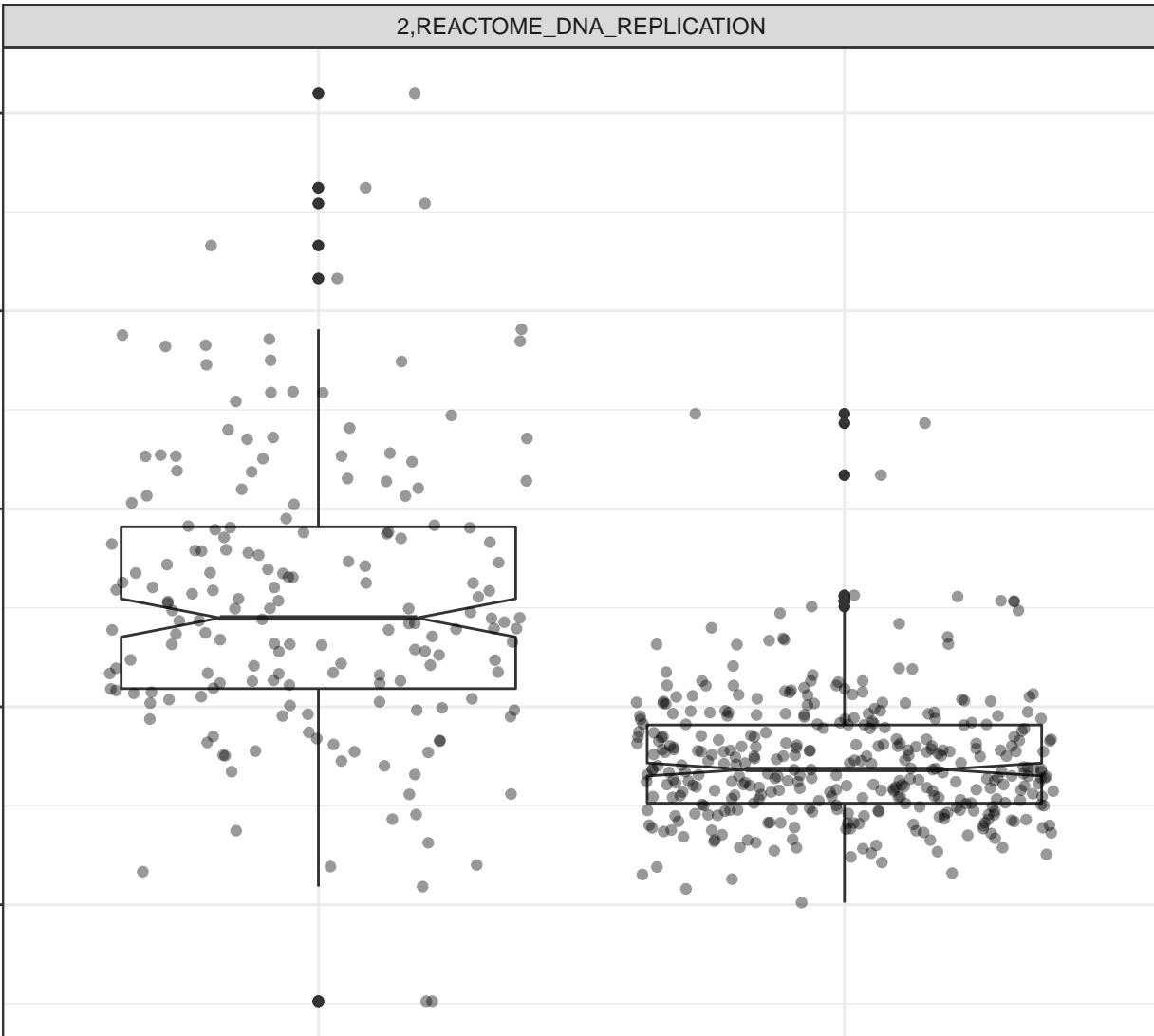
0.0

-0.1

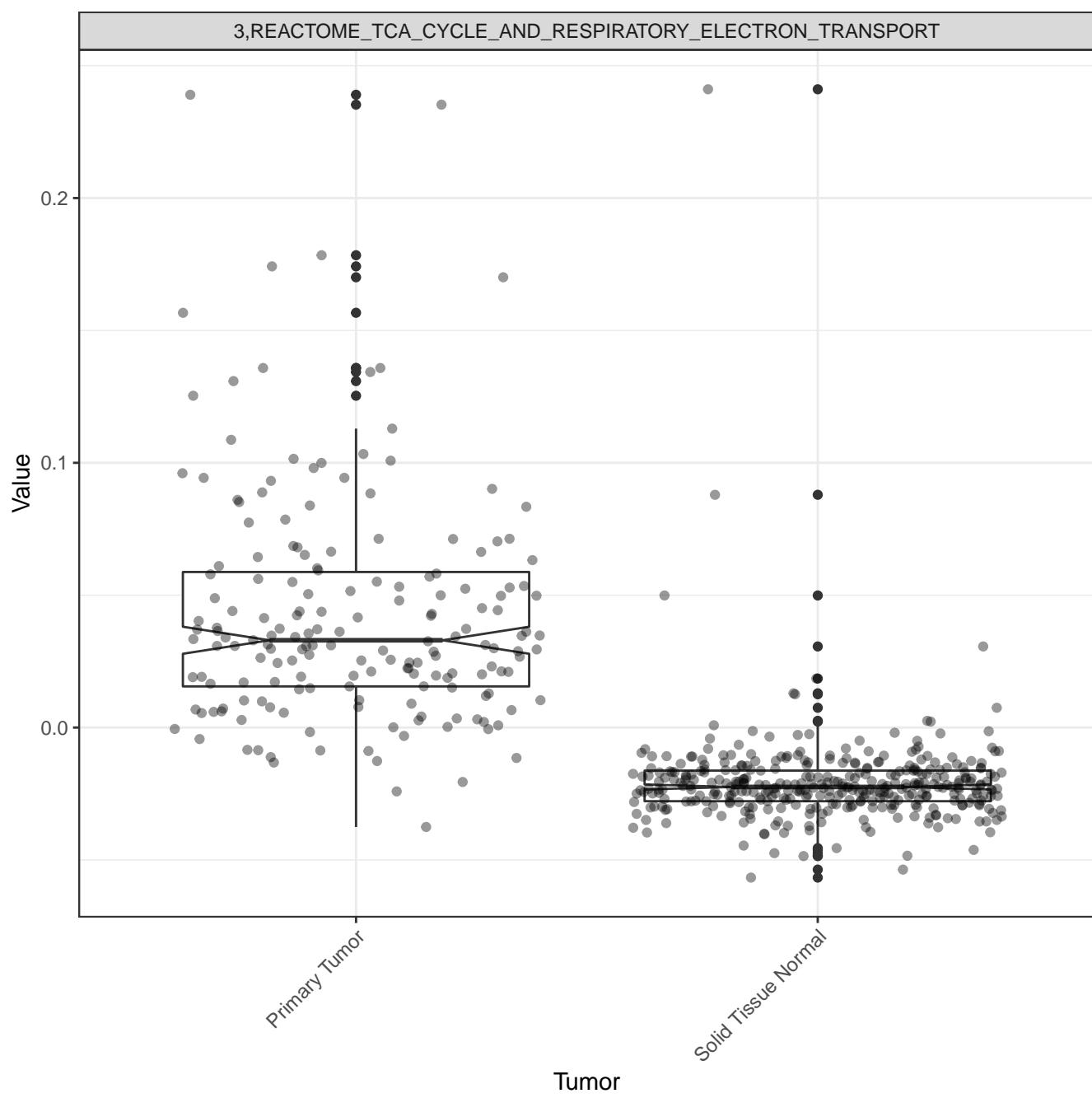
Primary Tumor

Solid Tissue Normal

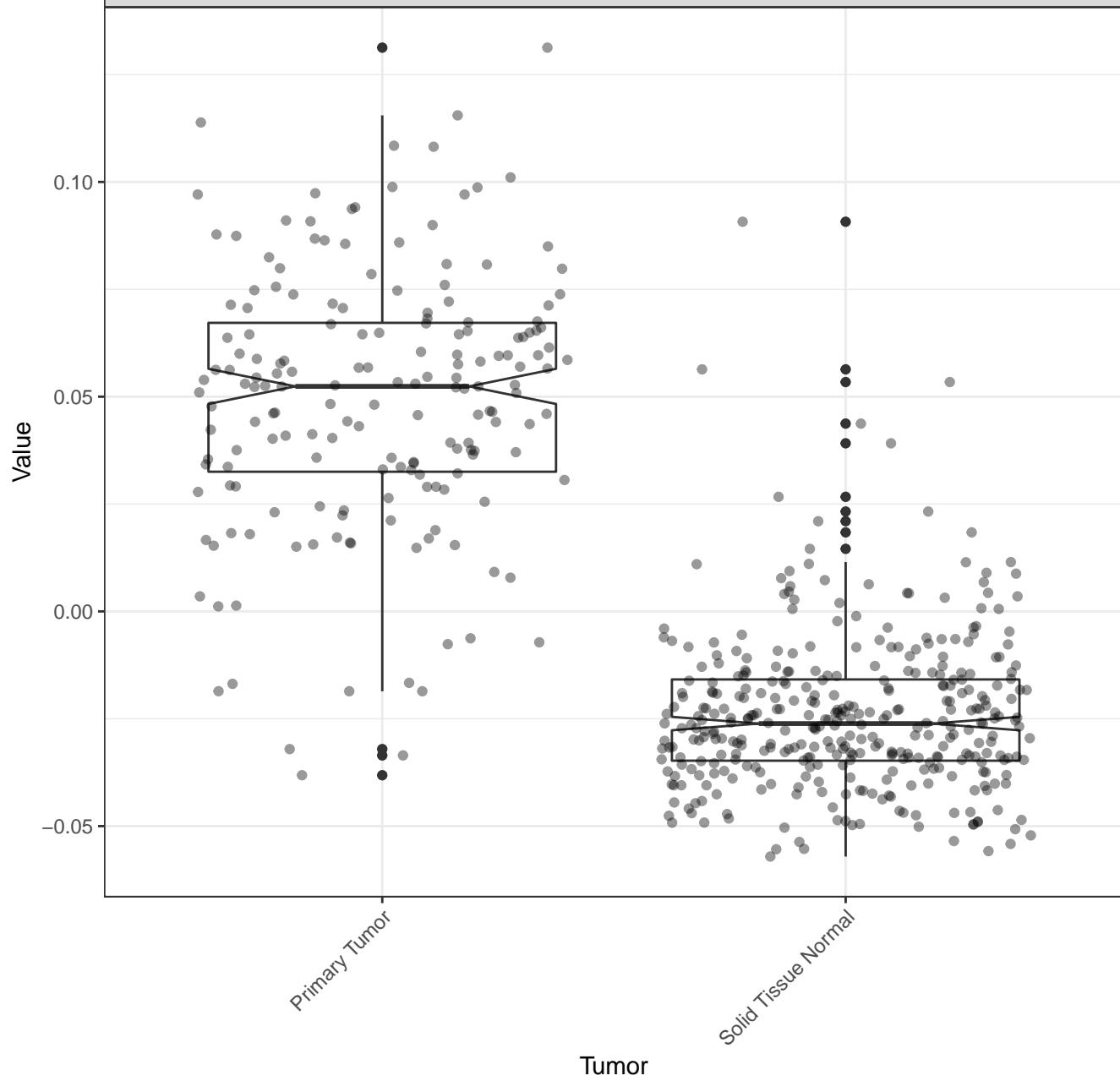
Tumor



### 3,REACTOME\_TCA\_CYCLE\_AND\_RESPIRATORY\_ELECTRON\_TRANSPORT



#### 4,REACTOME\_METABOLISM\_OF\_NUCLEOTIDES



# 5,REACTOME\_NEURONAL\_SYSTEM

Value

0.6

0.4

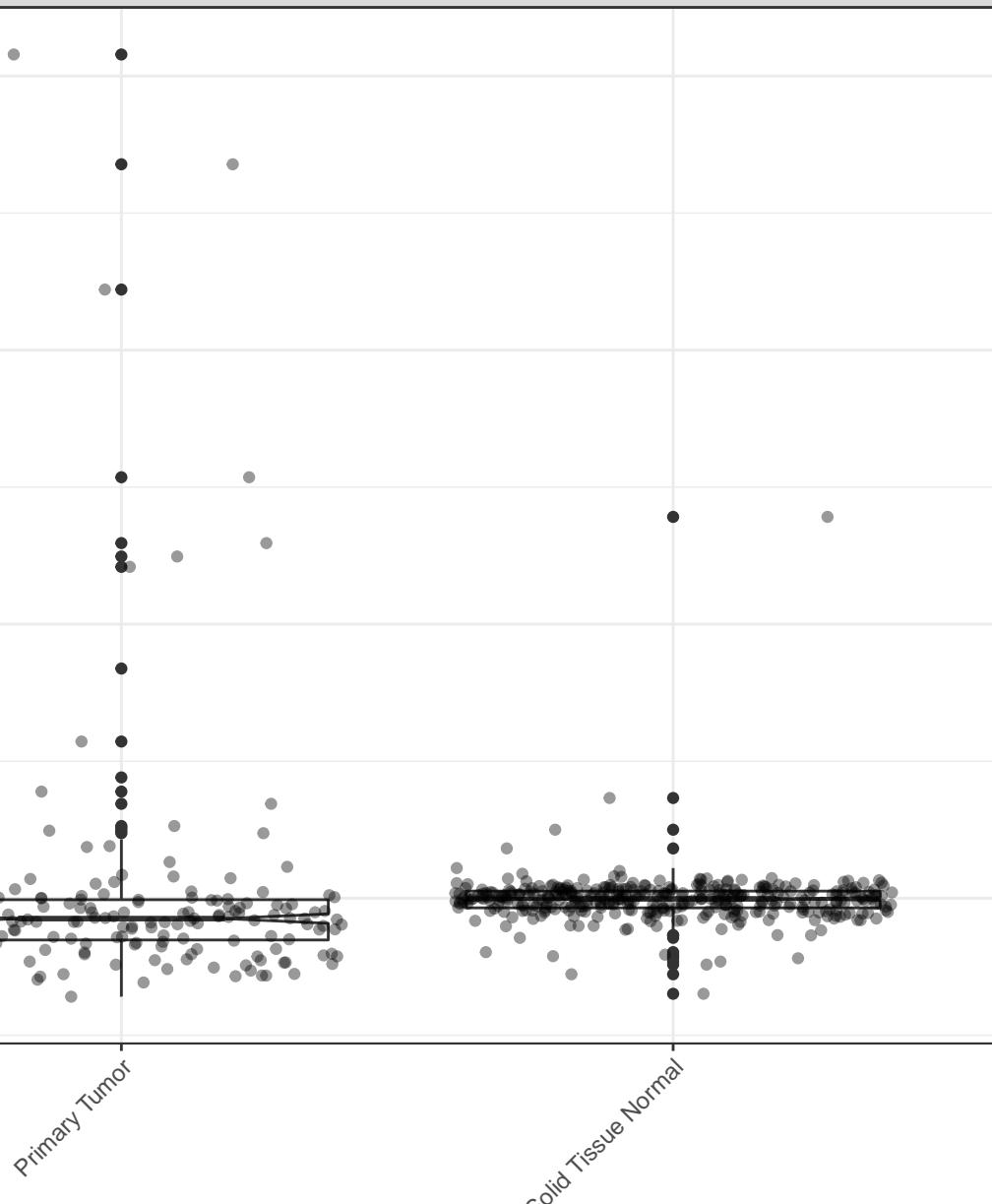
0.2

0.0

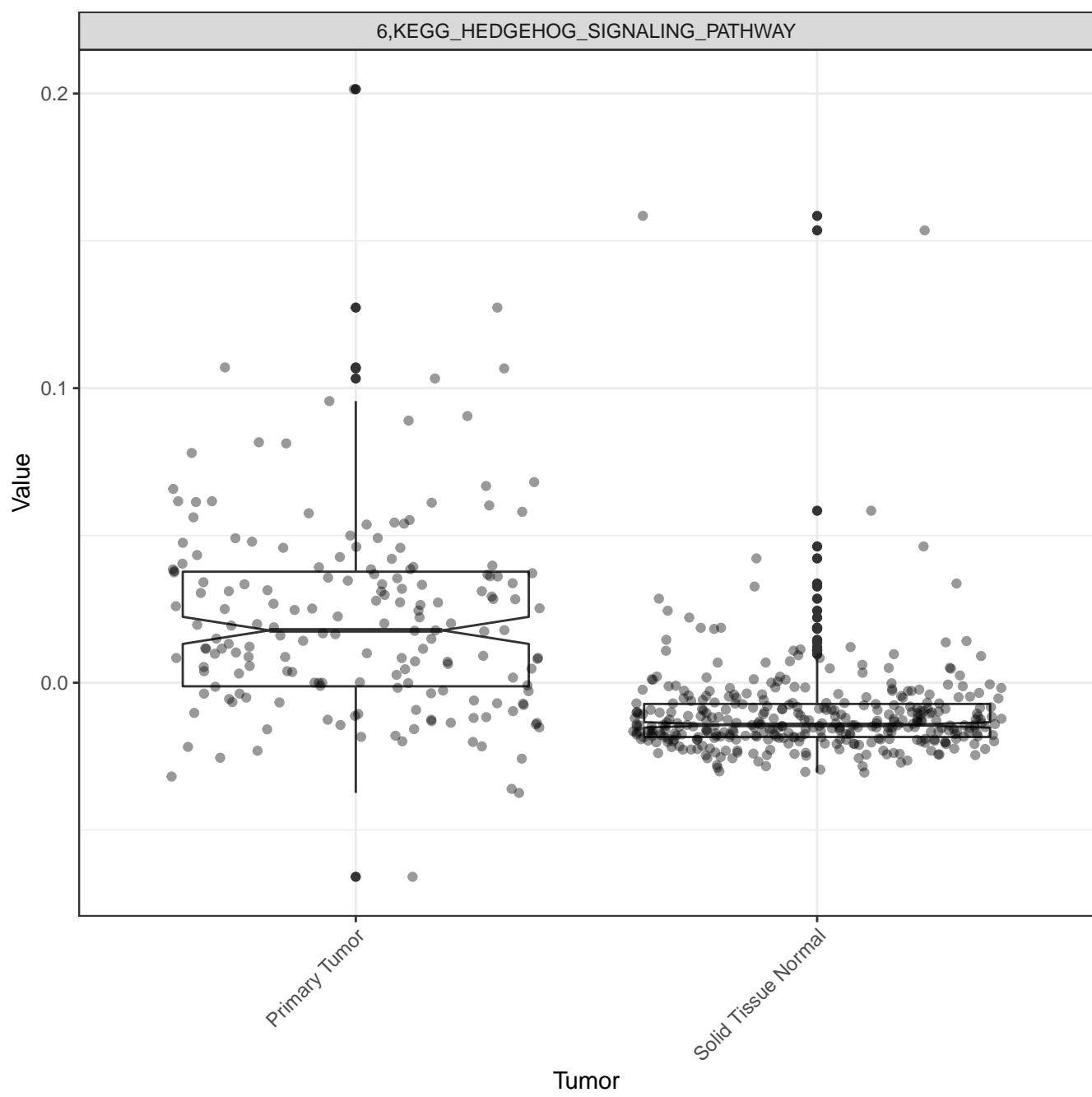
Primary Tumor

Solid Tissue Normal

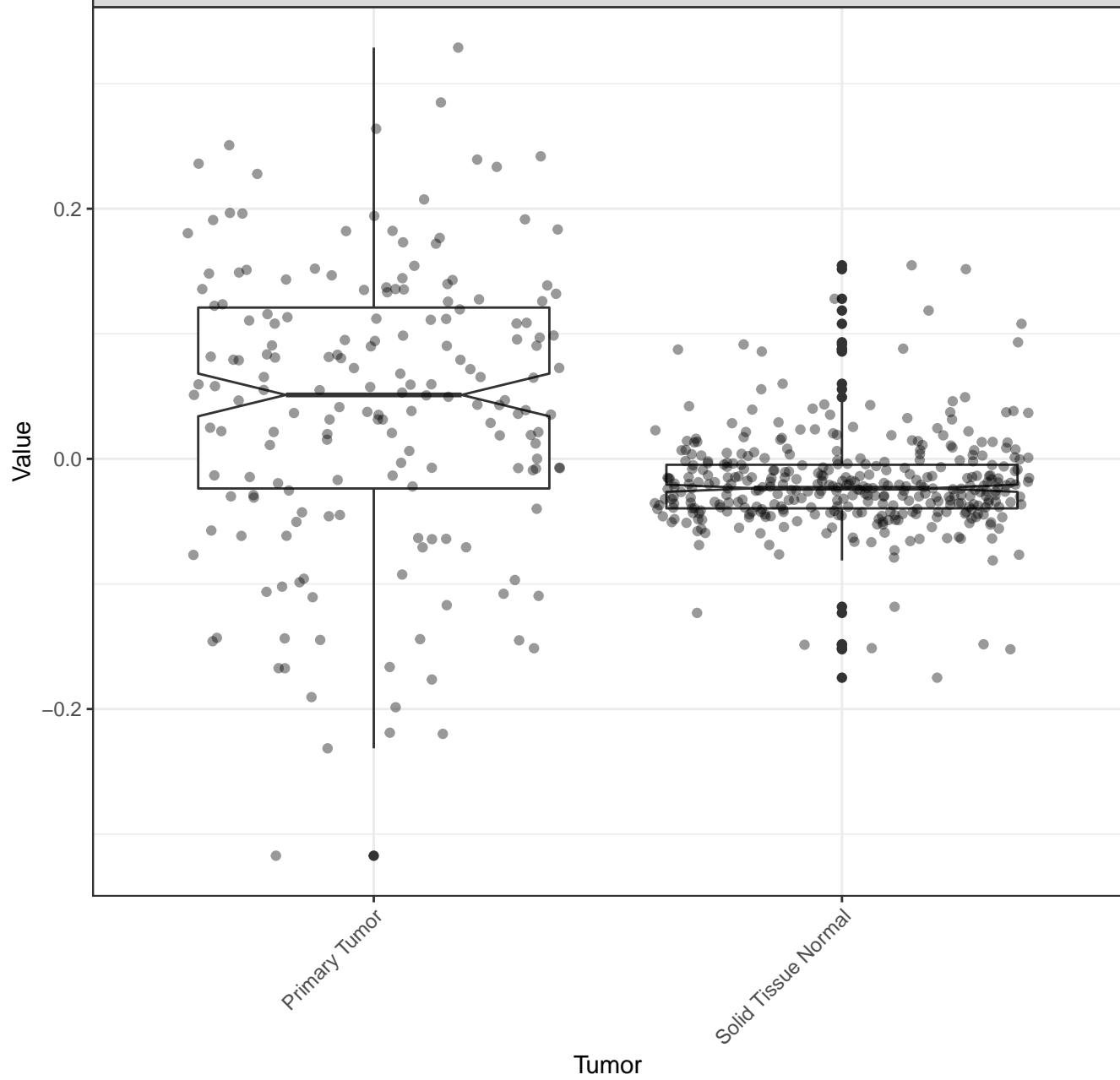
Tumor



## 6,KEGG\_HEDGEHOG\_SIGNALING\_PATHWAY



## 7,DMAP\_ERY3



# 8,REACTOME\_INFLUENZA\_VIRAL\_RNA\_TRANSCRIPTION\_AND\_REPLICATION

Value

0.6

0.4

0.2

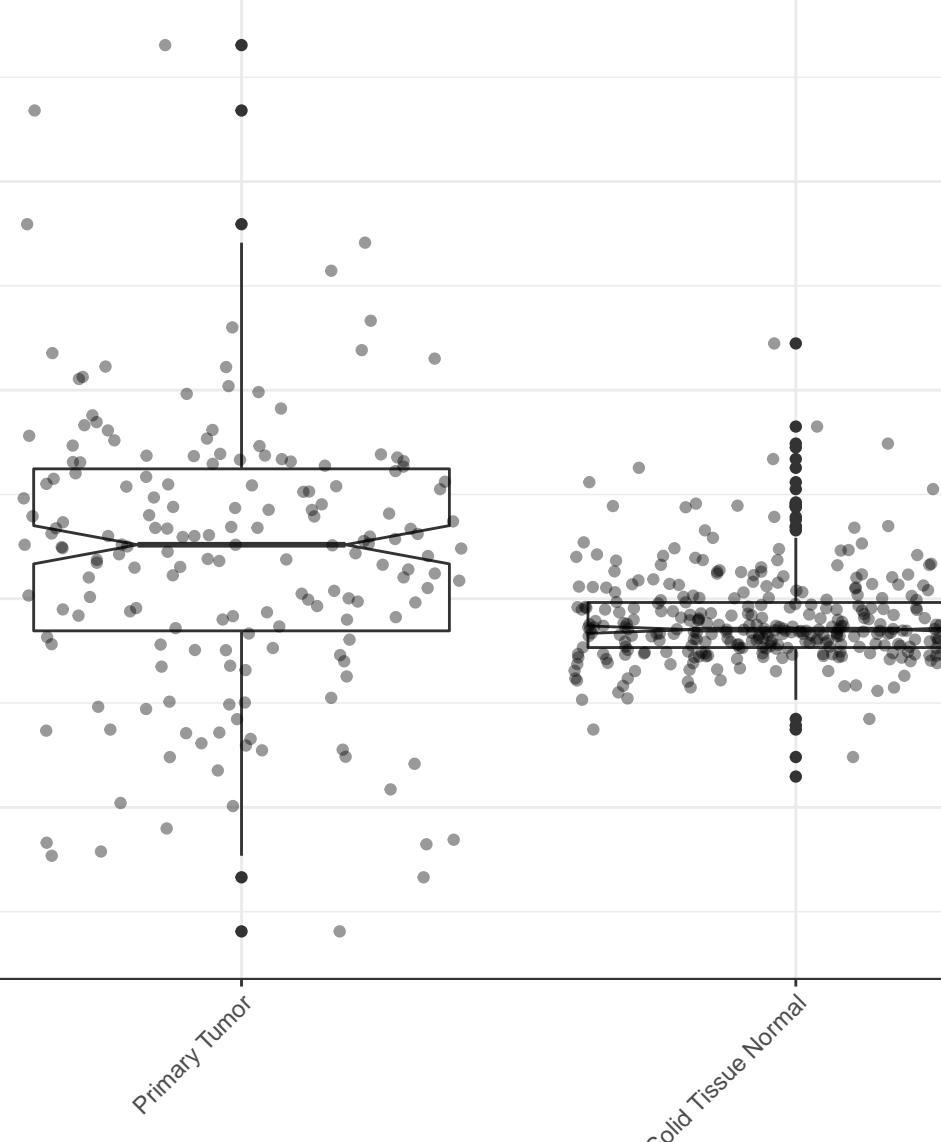
0.0

-0.2

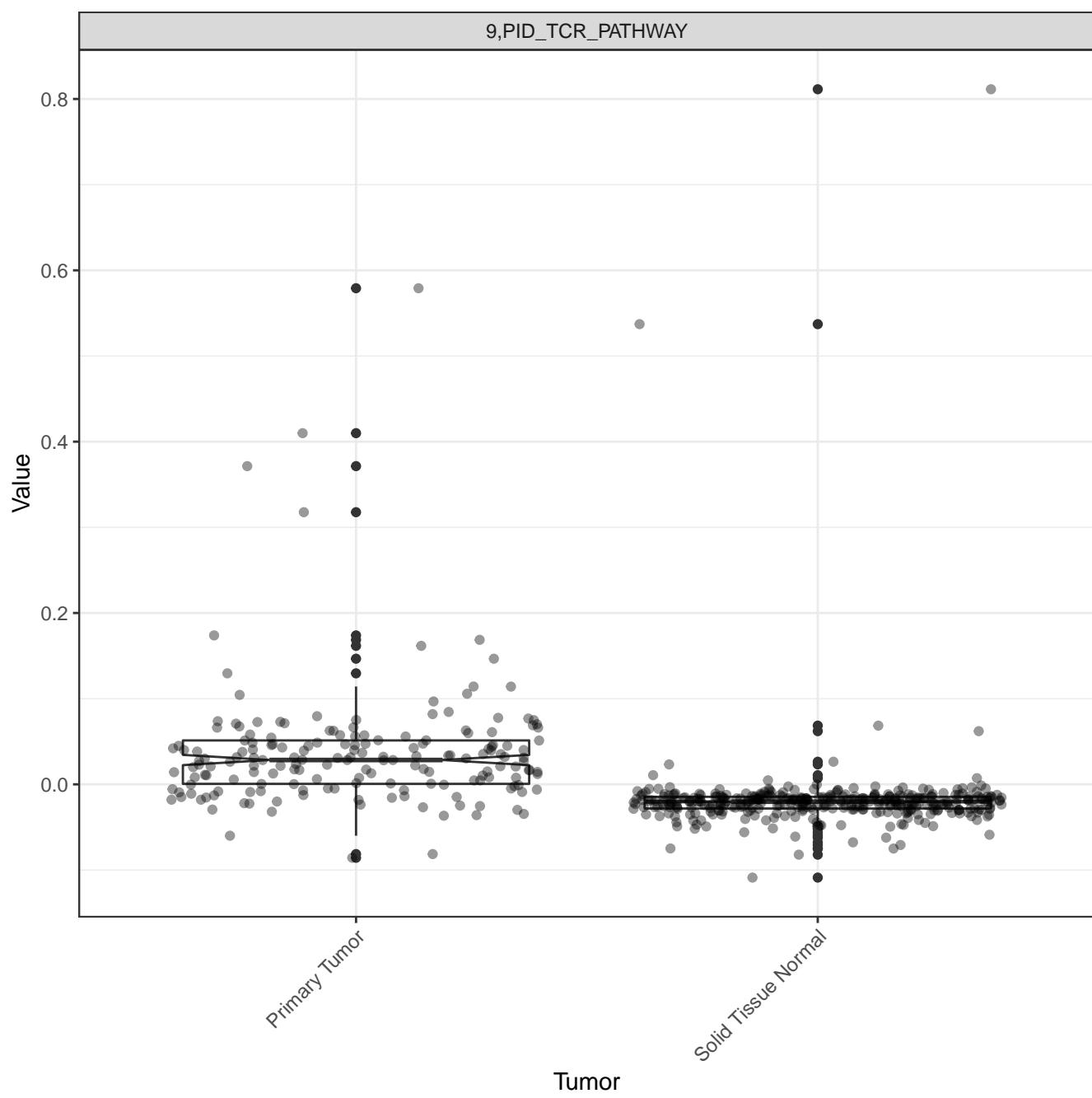
Primary Tumor

Solid Tissue Normal

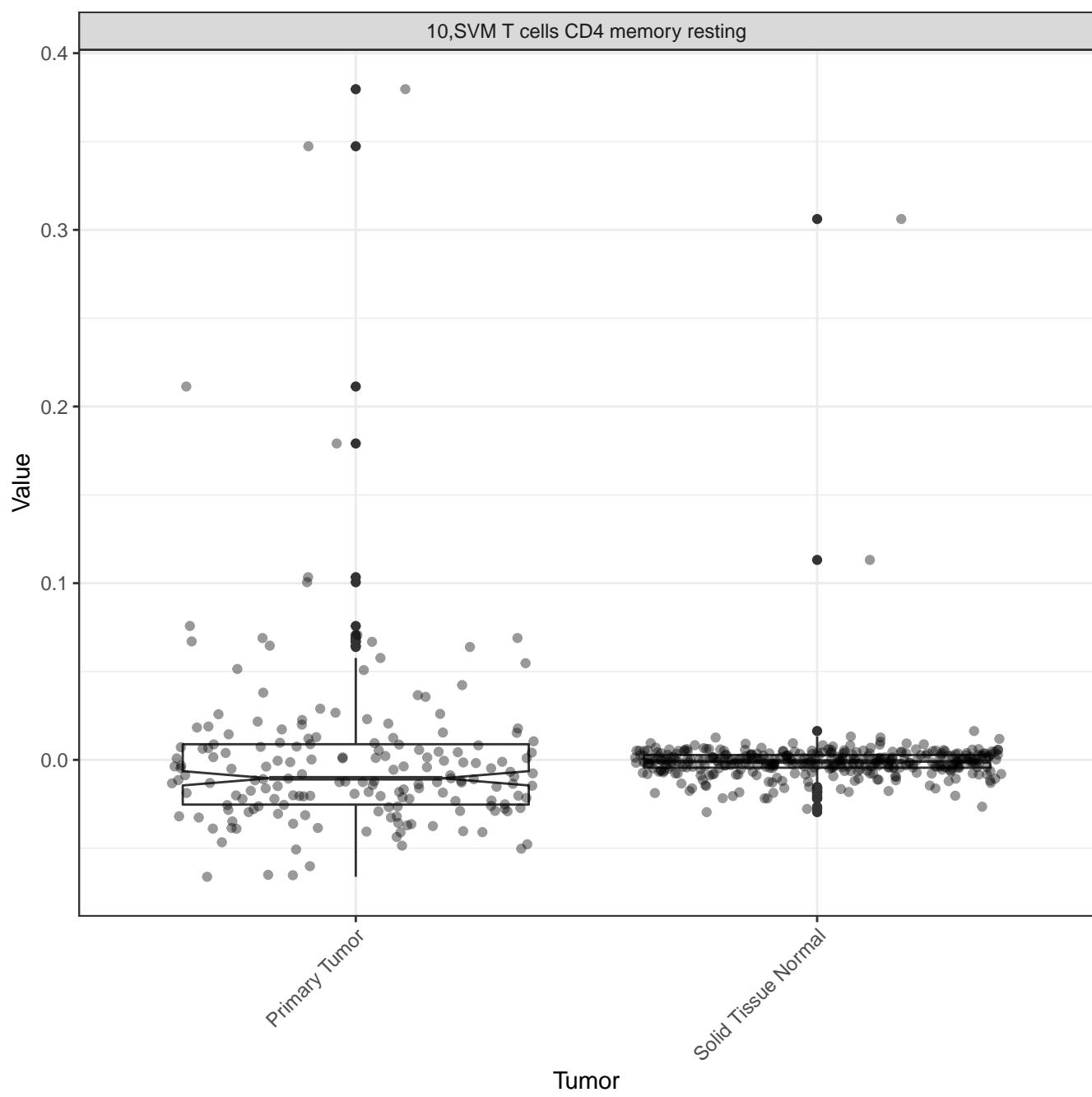
Tumor



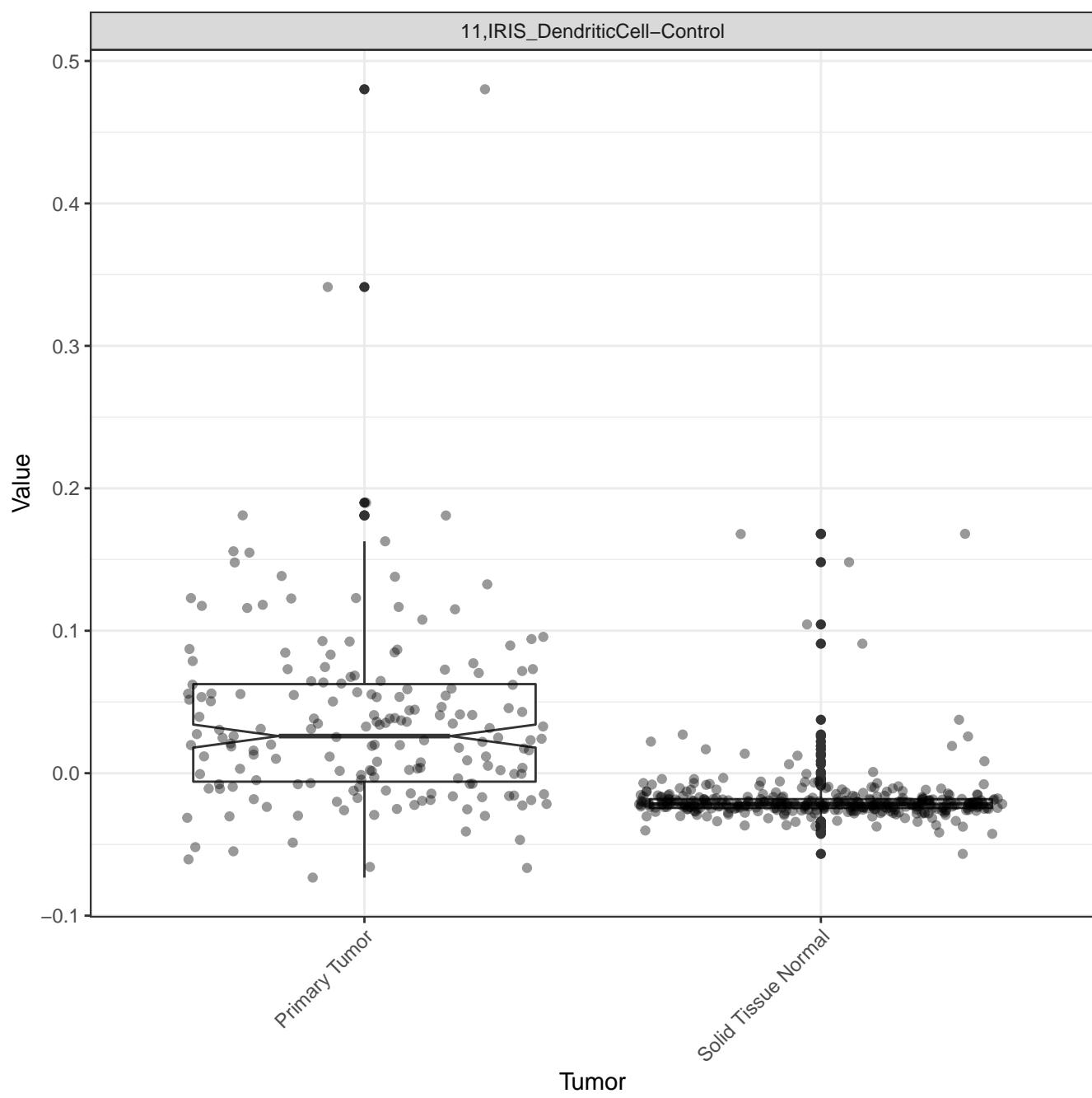
## 9,PID\_TCR\_PATHWAY



### 10,SVM T cells CD4 memory resting



## 11,IRIS\_DendriticCell–Control



### 12,SVM Neutrophils

Value

0.20

0.15

0.10

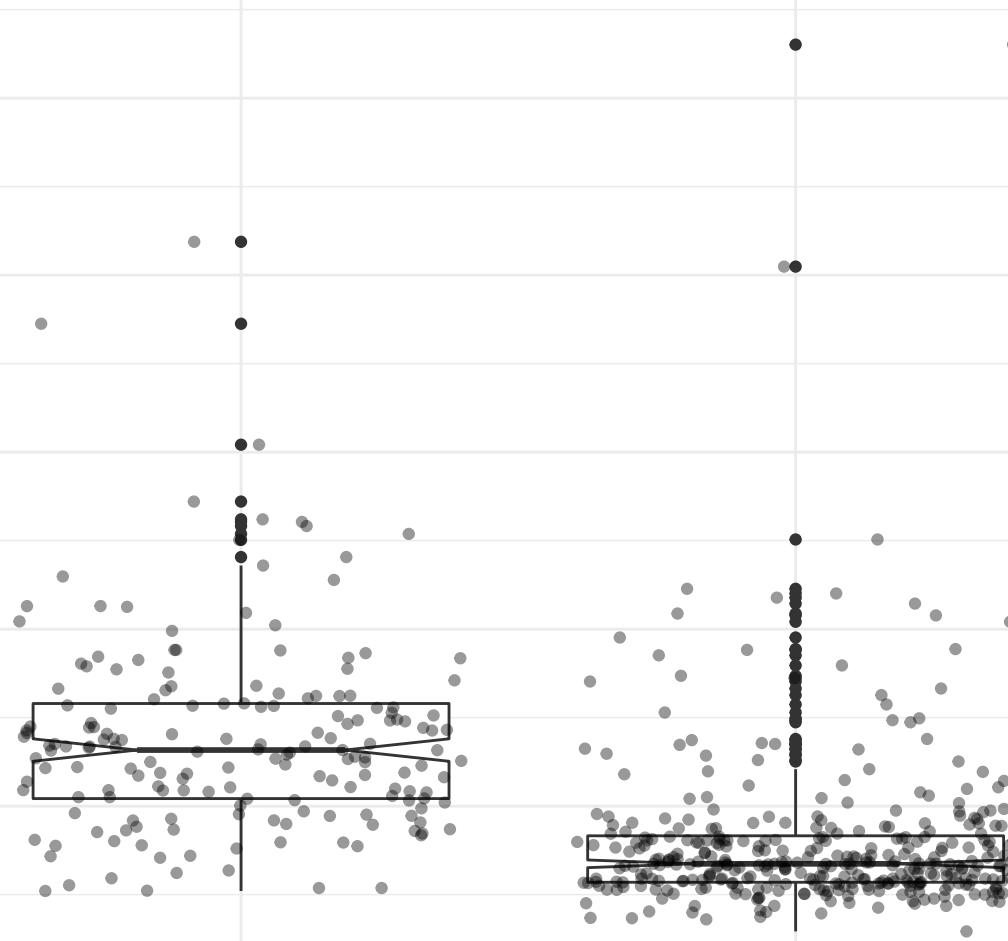
0.05

0.00

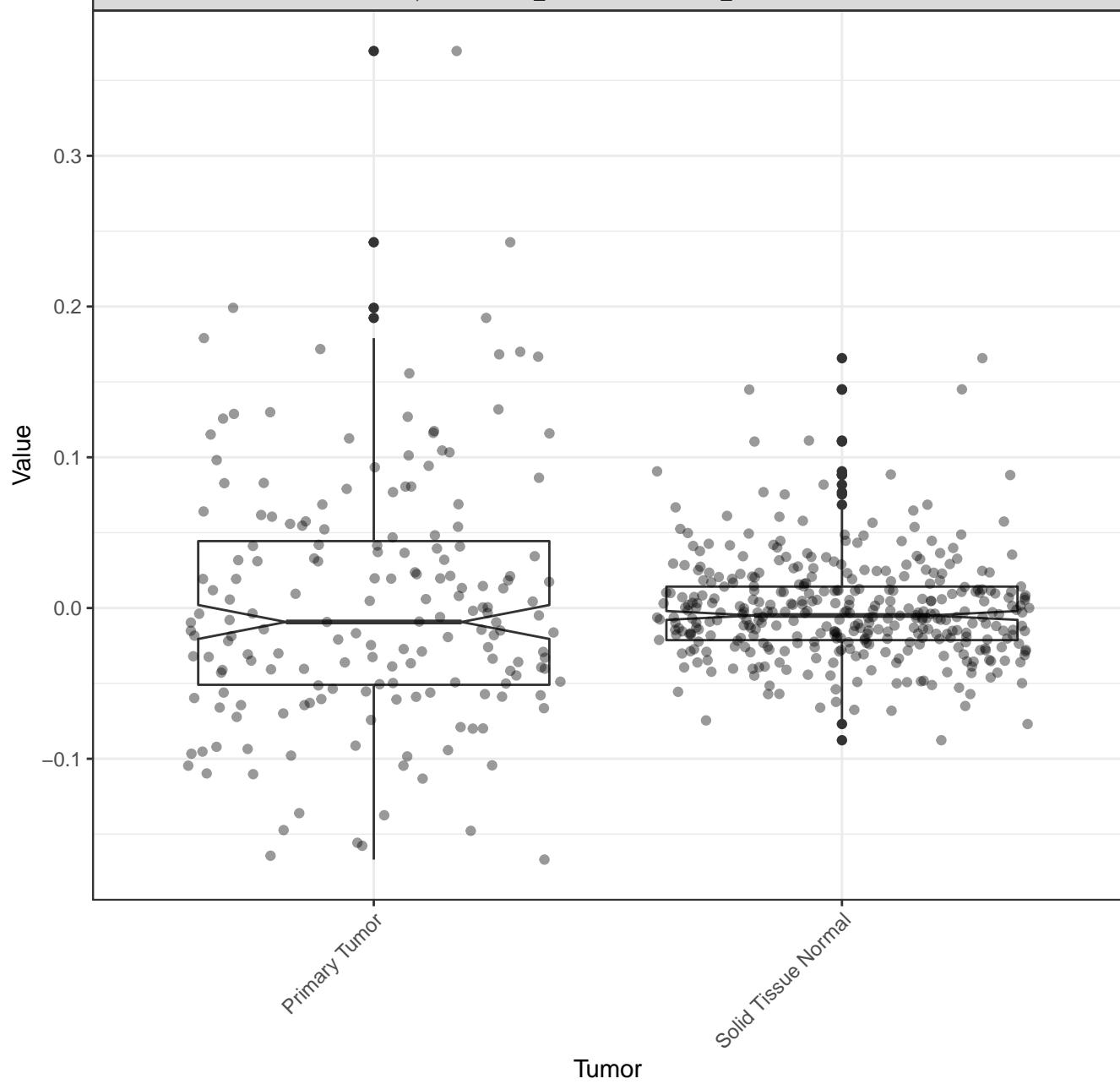
Primary Tumor

Solid Tissue Normal

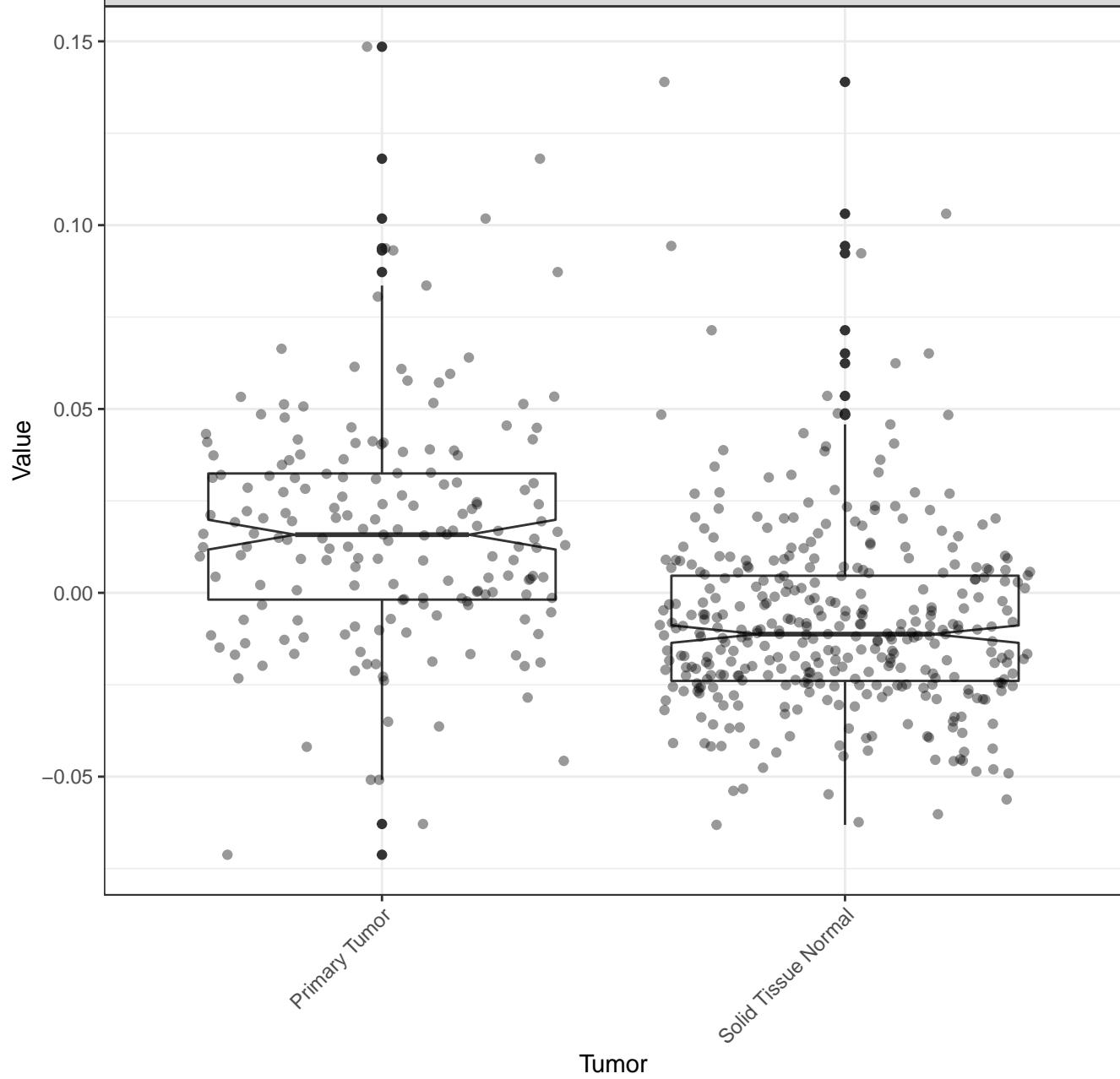
Tumor



## 13,REACTOME DEVELOPMENTAL BIOLOGY



### 14,KEGG\_BASAL\_CELL\_CARCINOMA



# 15,REACTOME\_METABOLISM\_OF\_AMINO\_ACIDS\_AND\_DERIVATIVES

Value

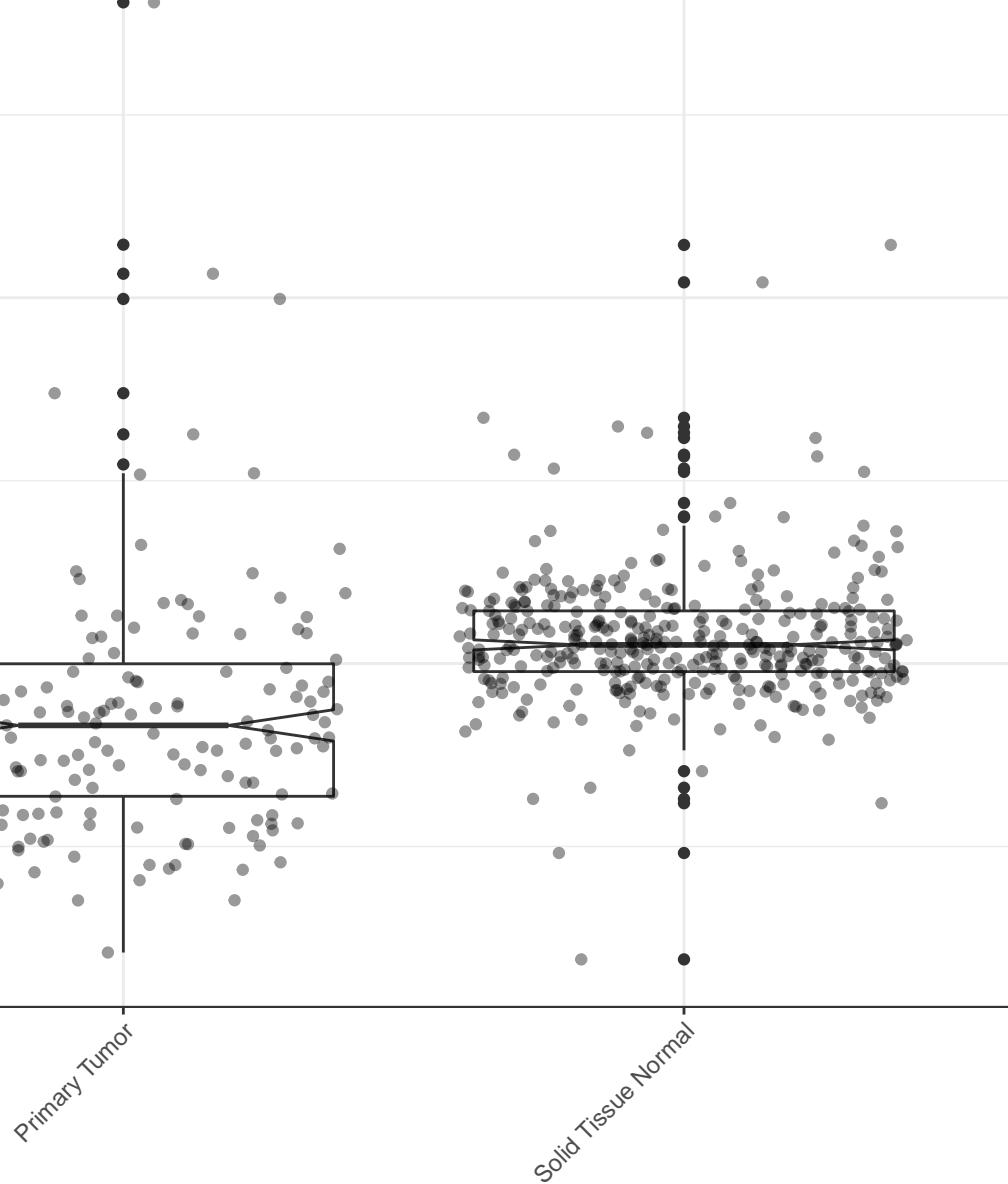
0.1

0.0

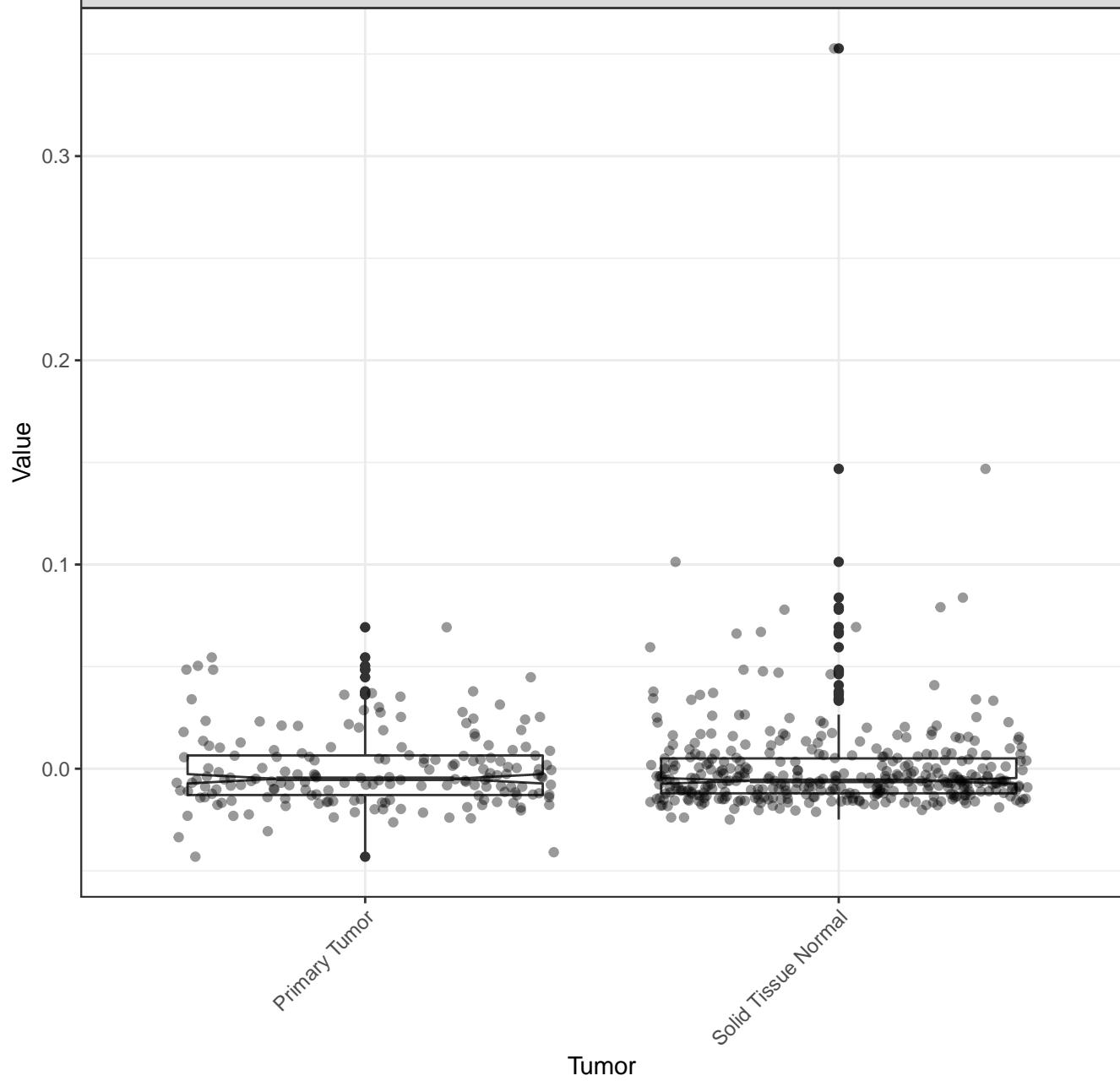
Primary Tumor

Solid Tissue Normal

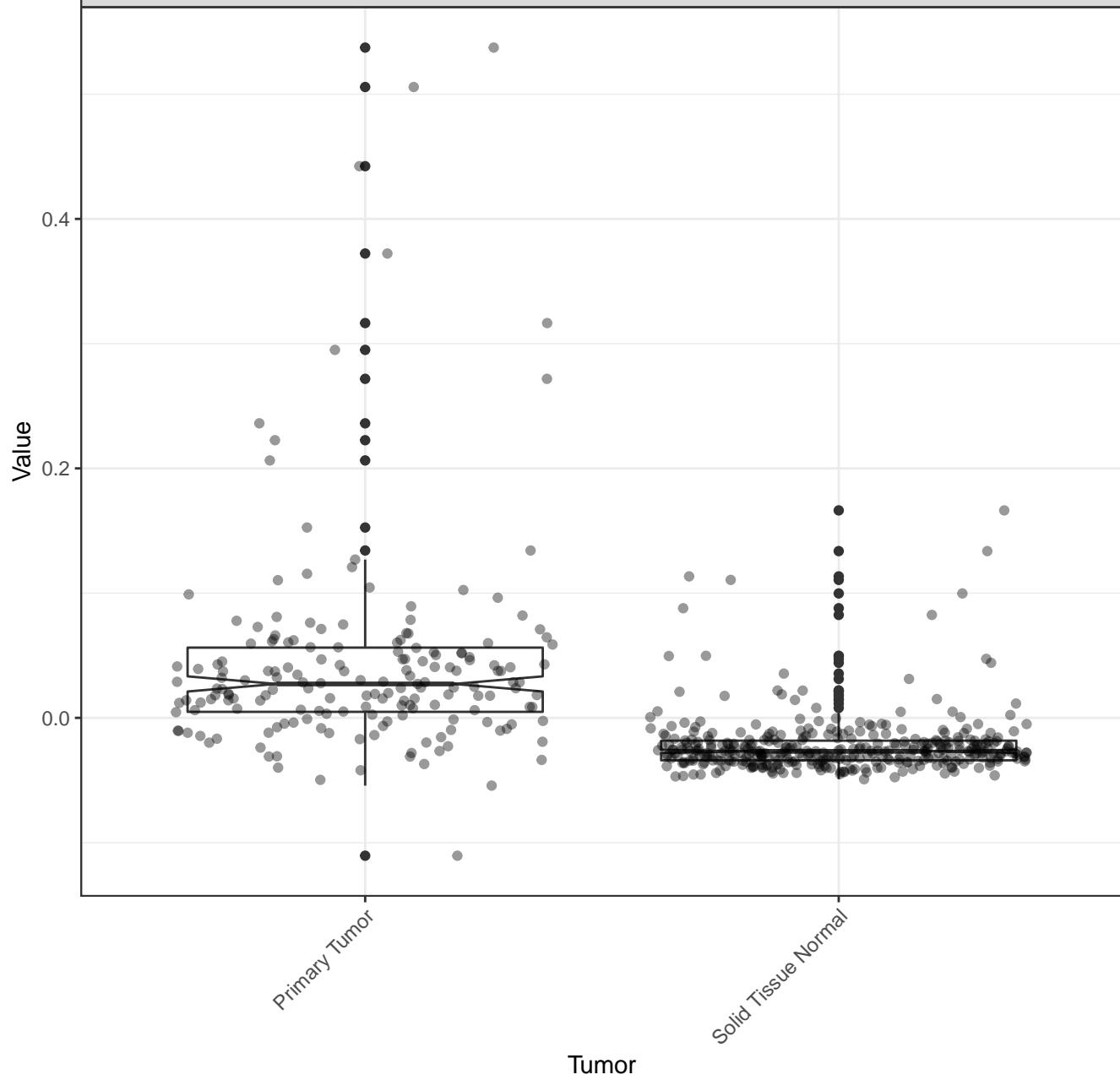
Tumor



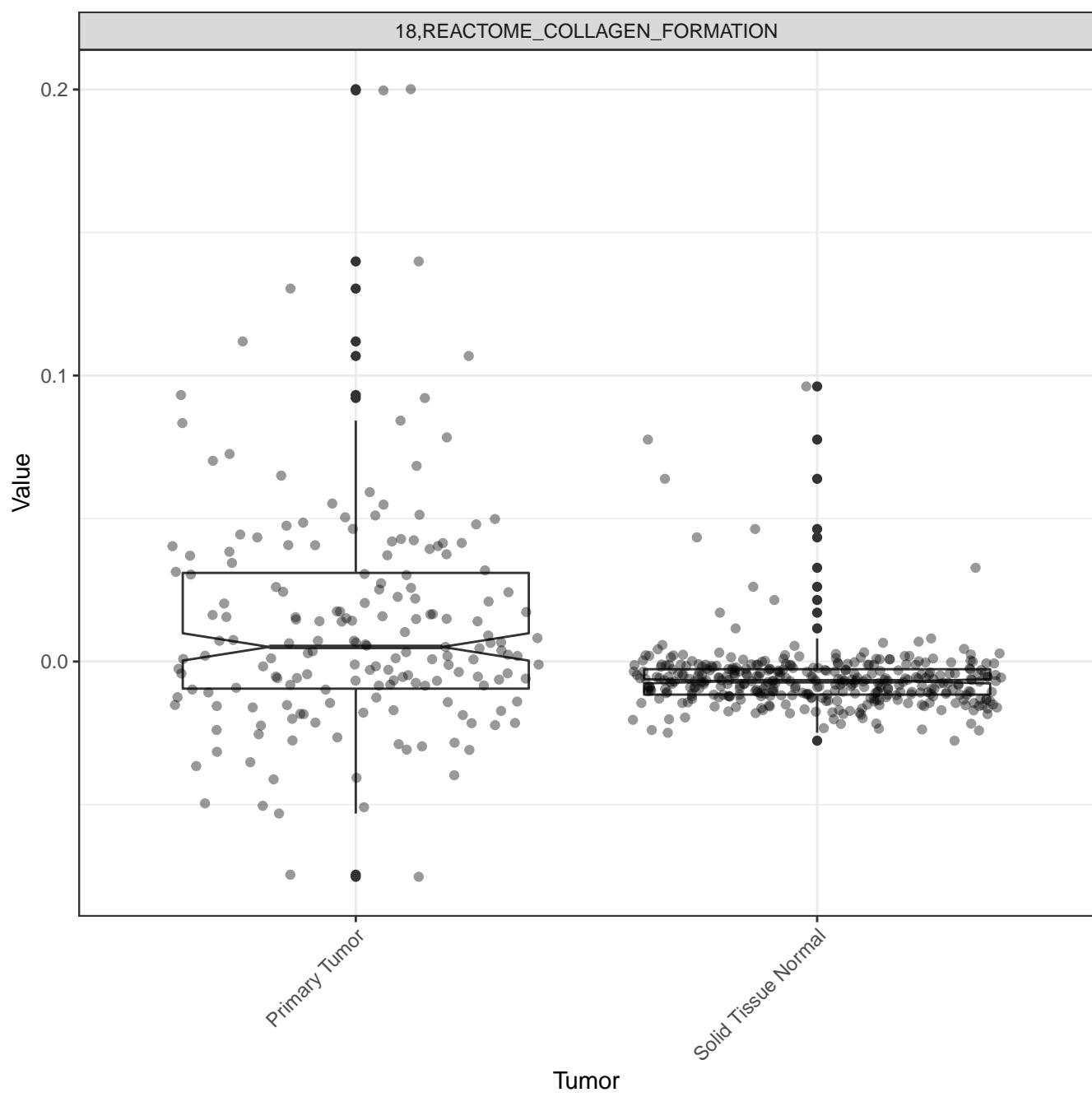
### 16,KEGG\_CALCIUM\_SIGNALING\_PATHWAY



### 17, BIOCARTA\_CHREBP2\_PATHWAY



# 18,REACTOME\_COLLAGEN\_FORMATION



# 19,REACTOME\_PEPTIDE\_CHAIN\_ELONGATION

Value

0.6

0.4

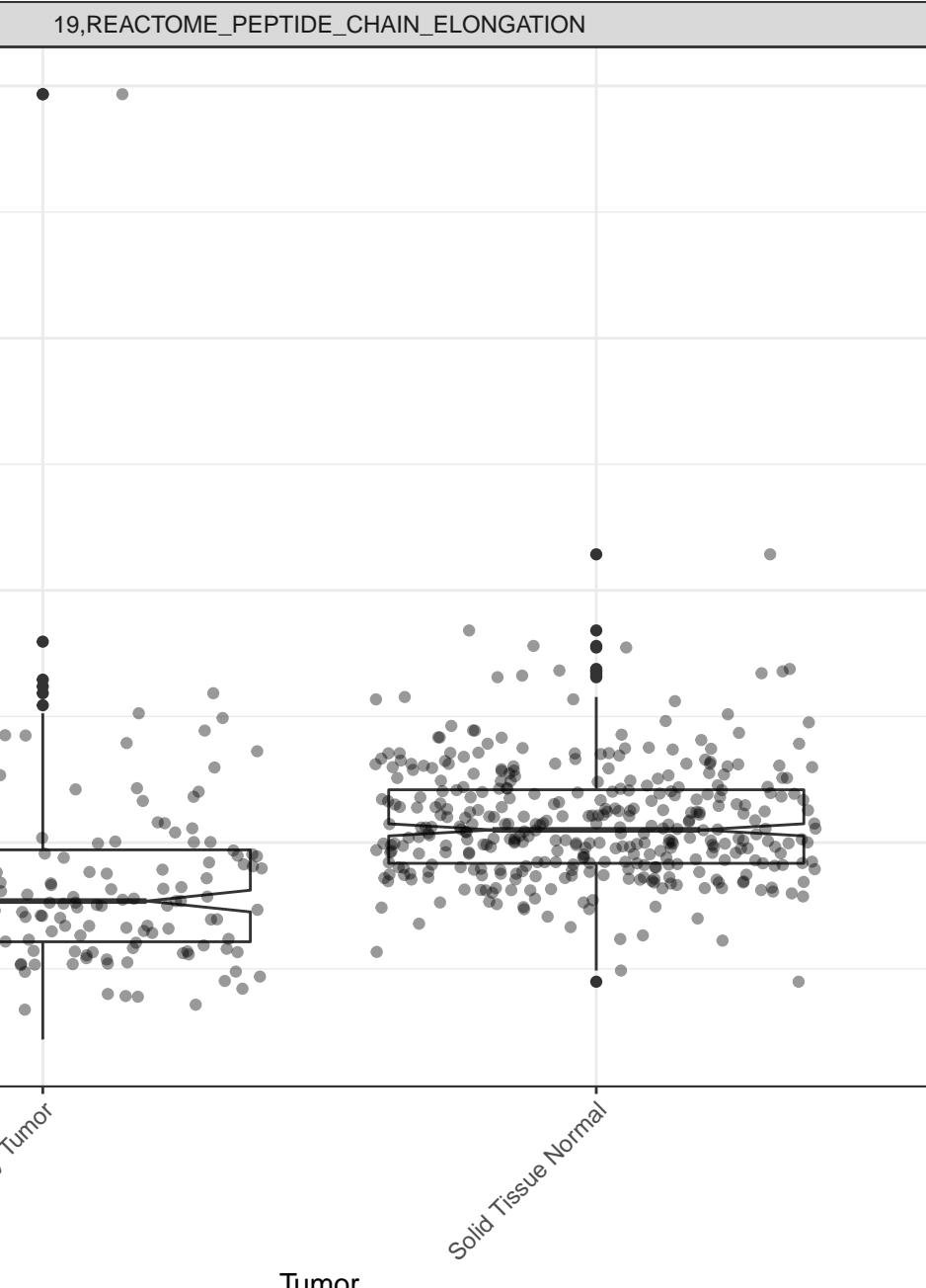
0.2

0.0

Primary Tumor

Solid Tissue Normal

Tumor



## 20,KEGG\_INTESTINAL\_IMMUNE\_NETWORK\_FOR\_IGA\_PRODUCTION

Value

0.20

0.15

0.10

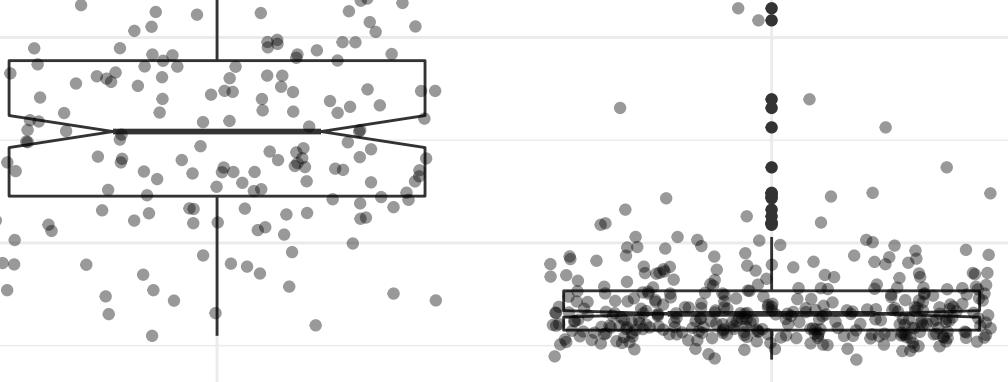
0.05

0.00

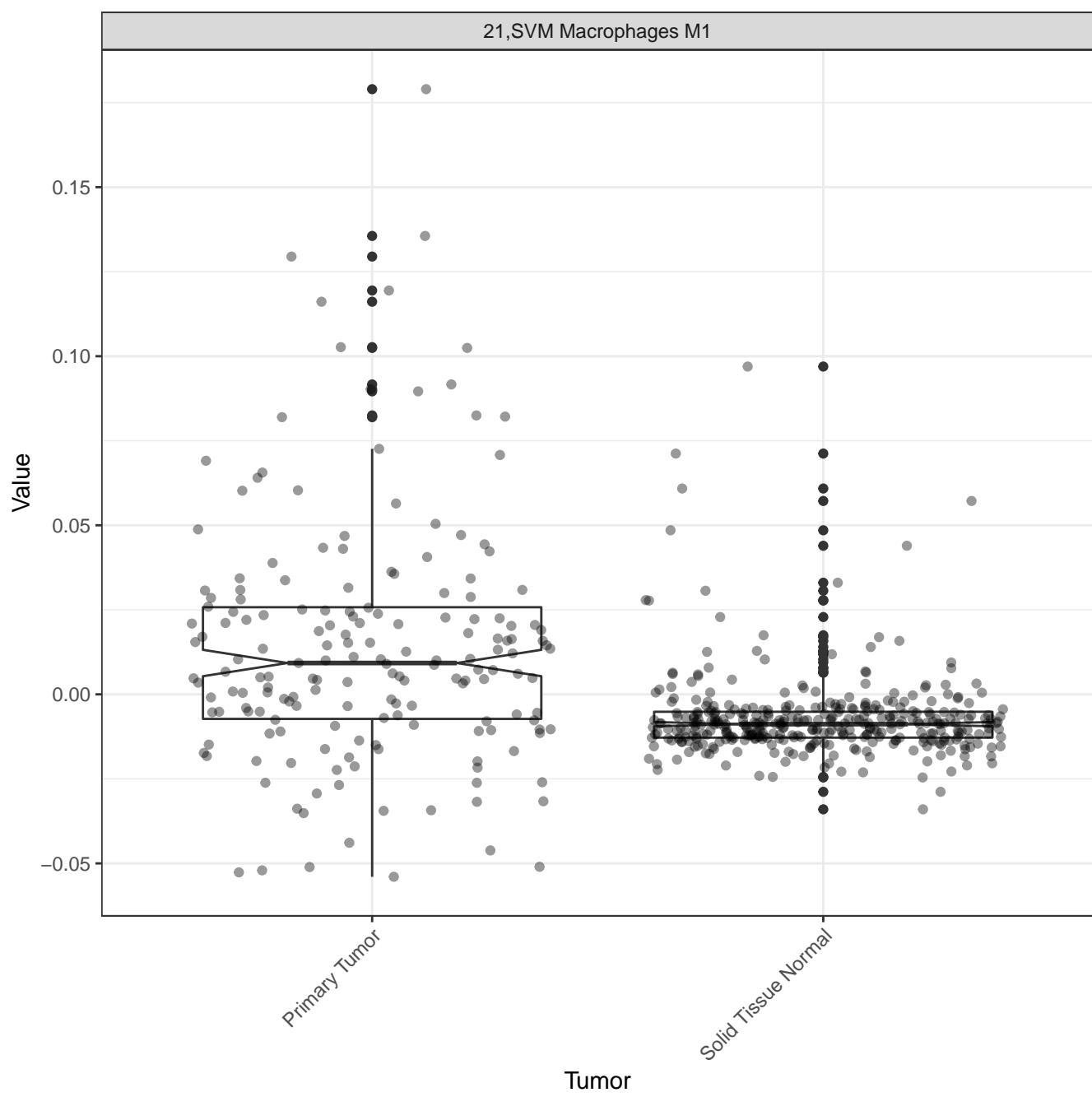
Primary Tumor

Solid Tissue Normal

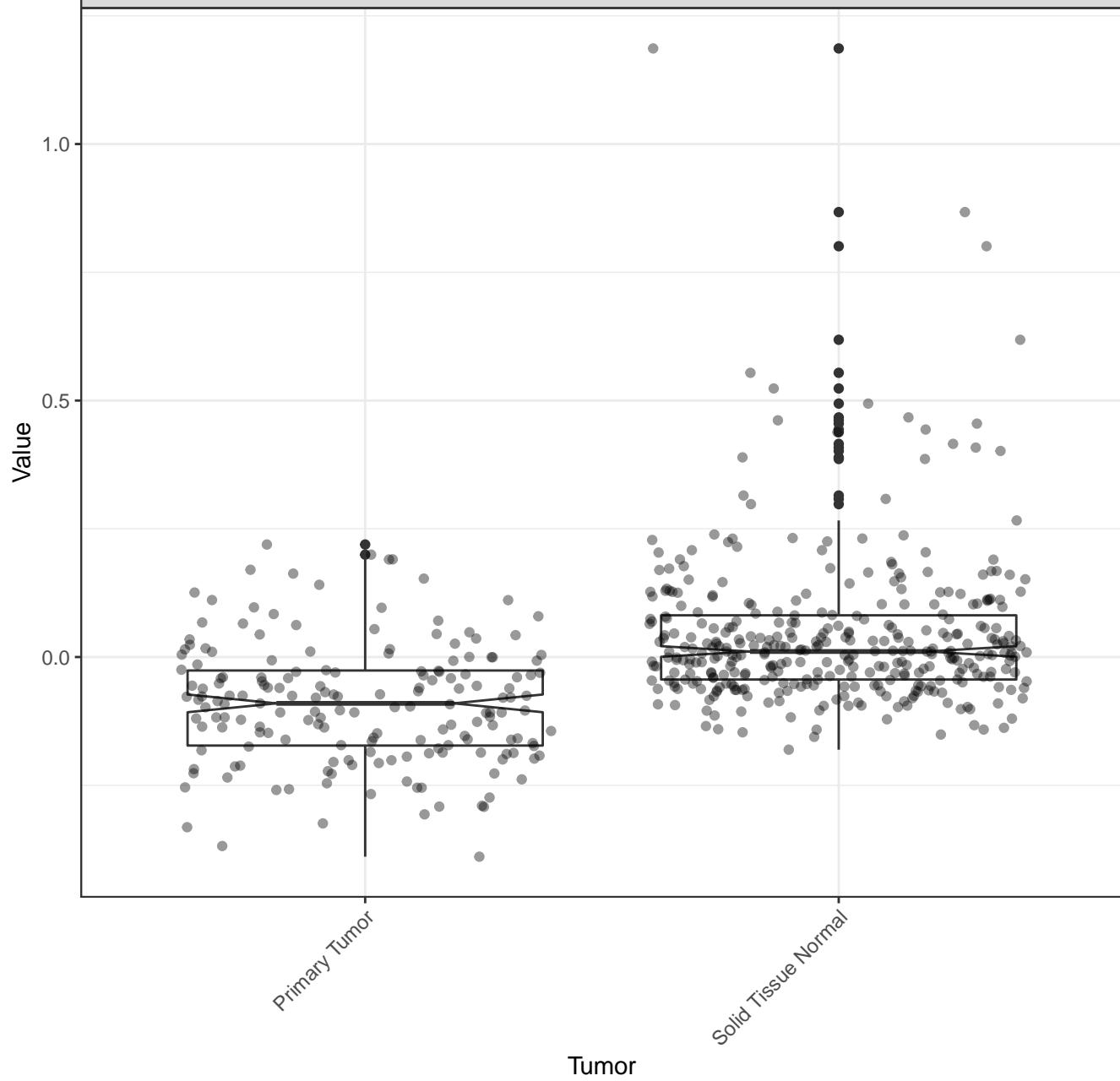
Tumor



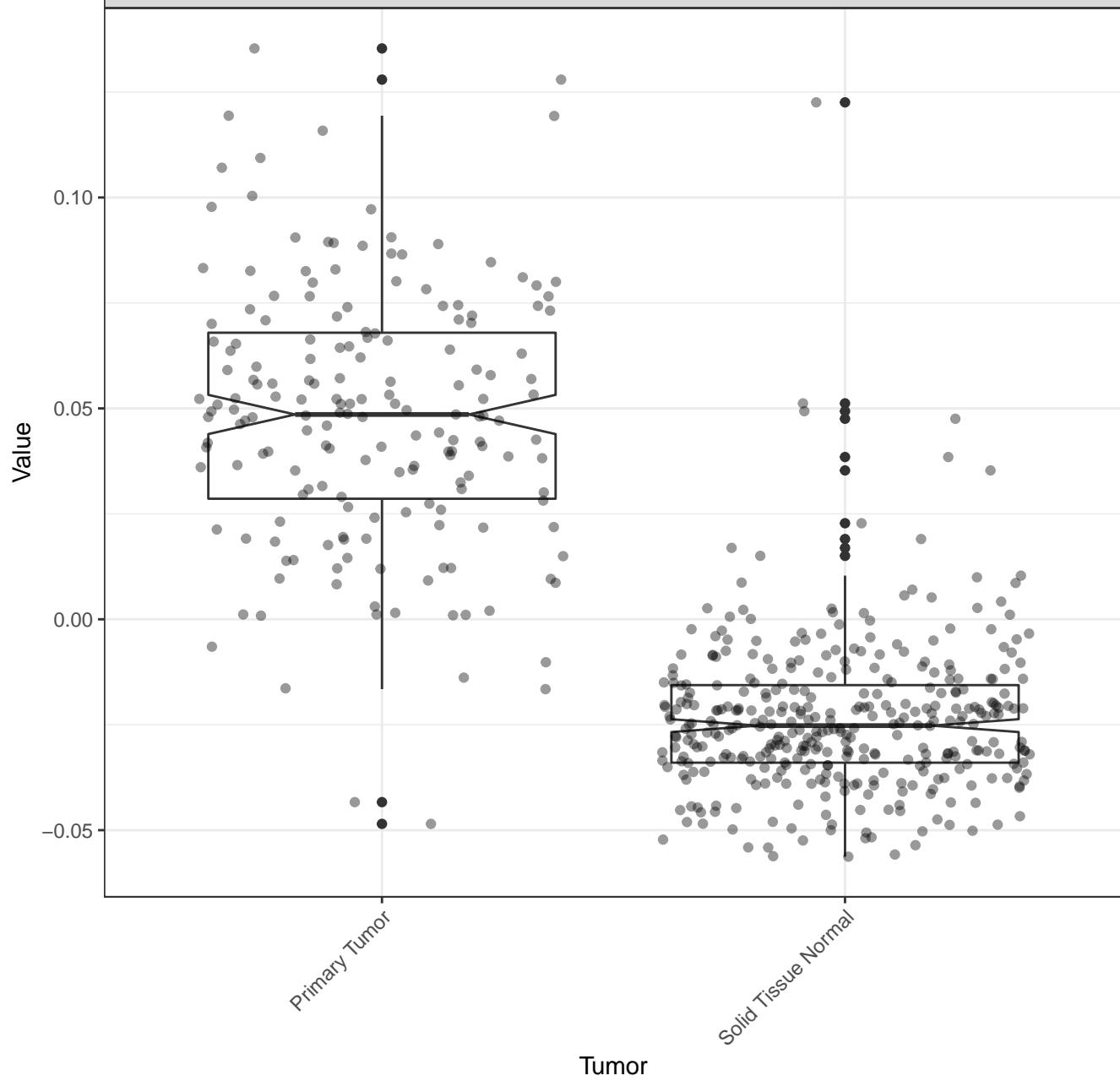
# 21,SVM Macrophages M1



## 22,MIPS\_SPLICEOSOME



## 23,DMAP\_ERY4



## 24,REACTOME\_PLATELET\_HOMEOSTASIS

Value

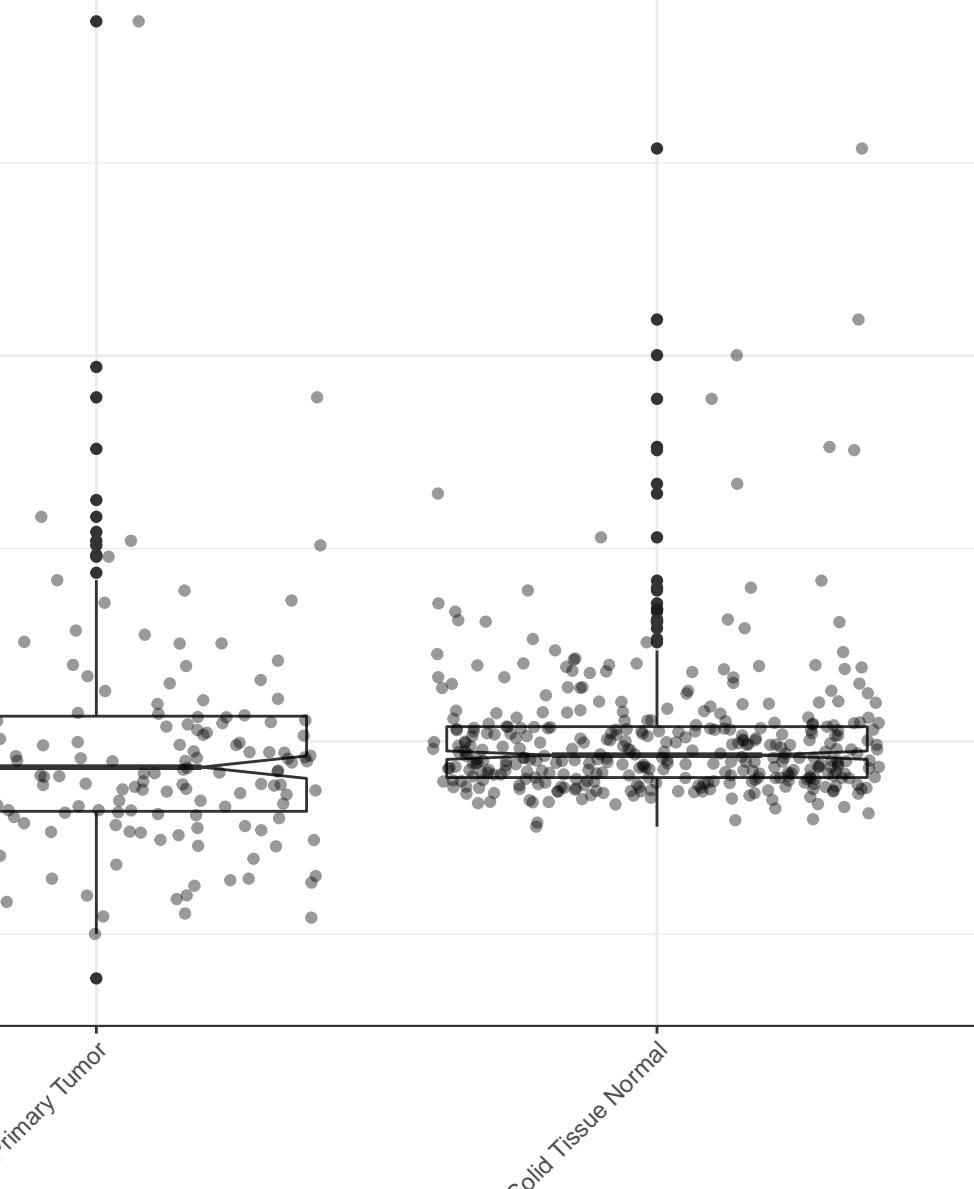
0.1

0.0

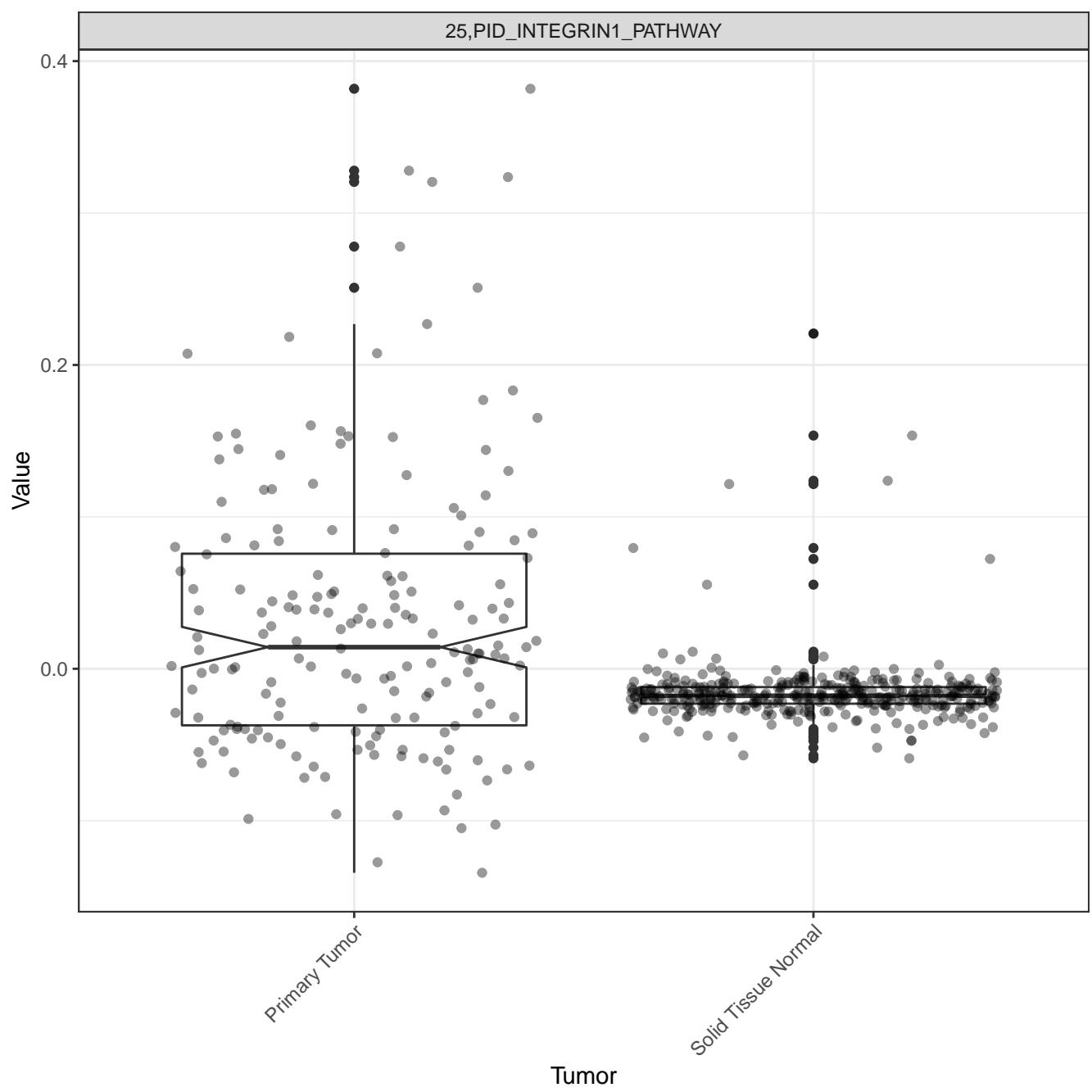
Primary Tumor

Solid Tissue Normal

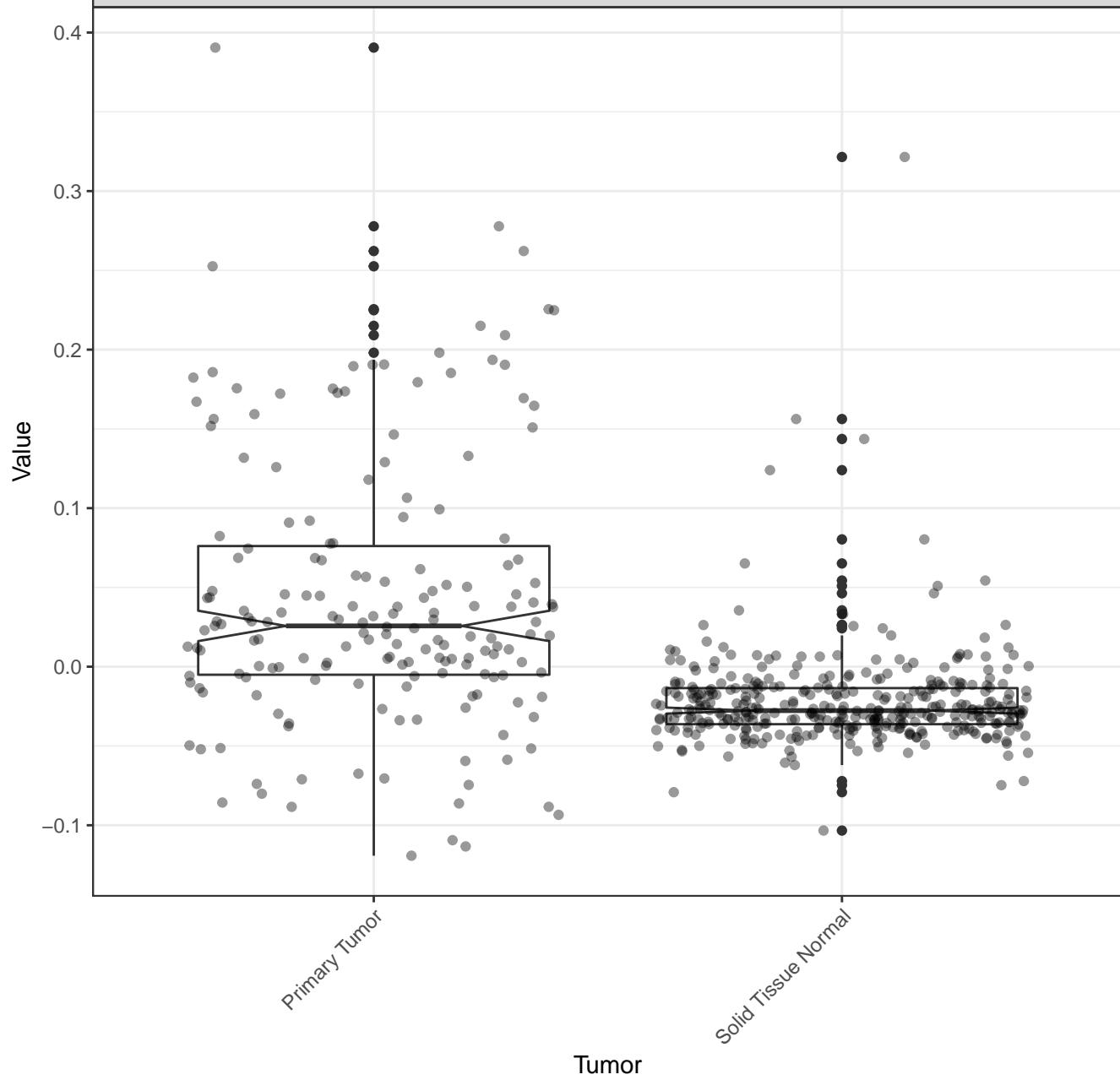
Tumor



## 25,PID\_INTEGRIN1\_PATHWAY



## 26,SVM Neutrophils



LV 27

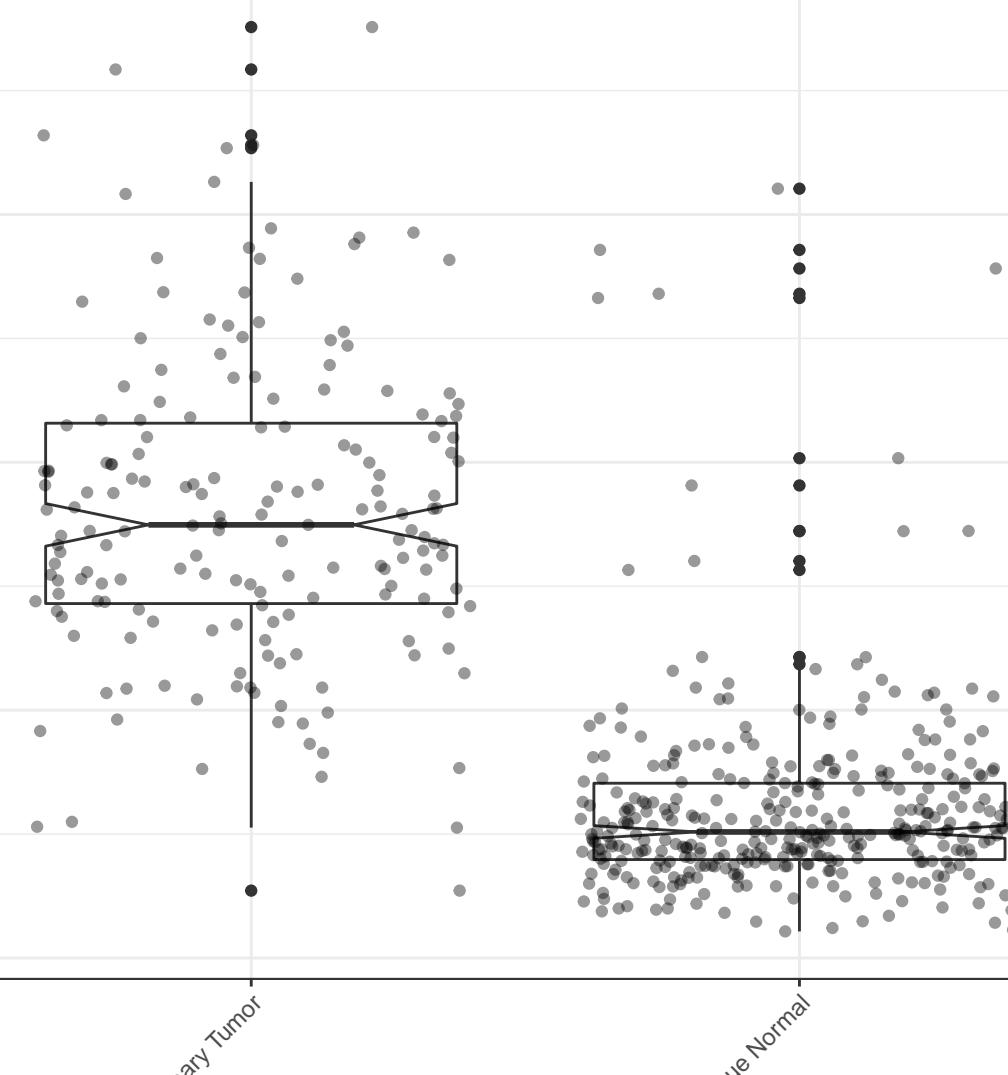
Value

0.15  
0.10  
0.05  
0.00  
-0.05

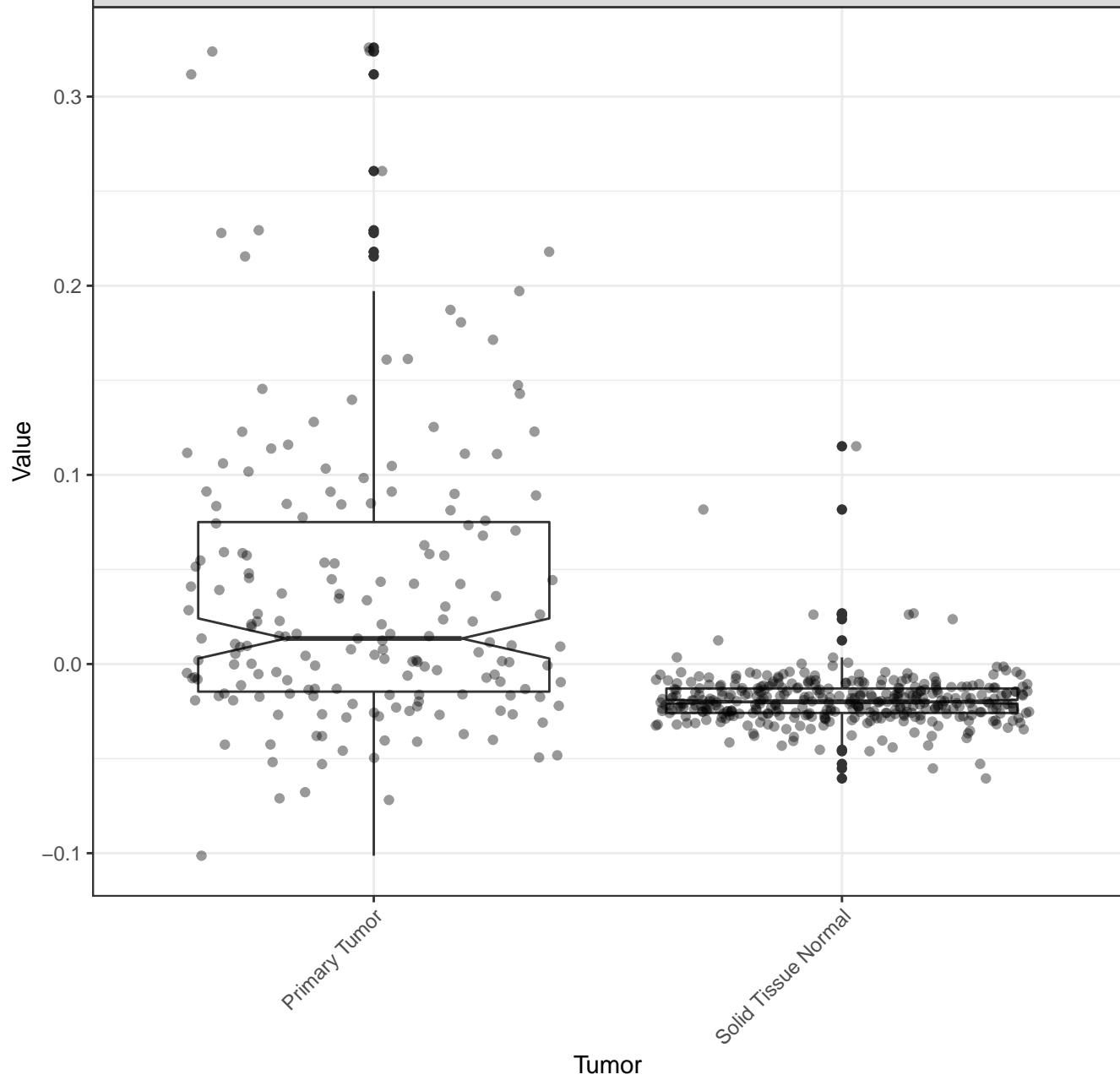
Primary Tumor

Solid Tissue Normal

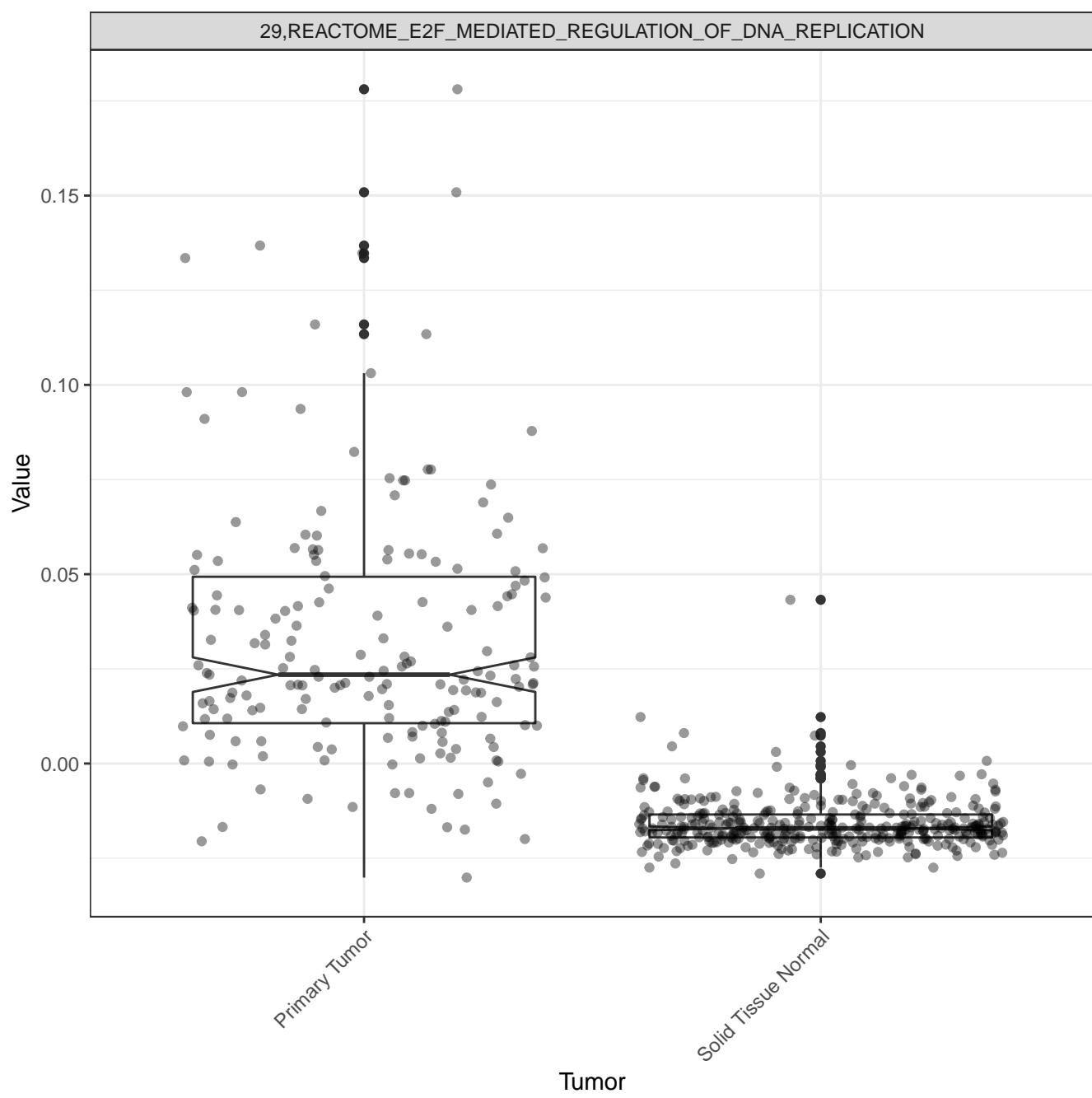
Tumor



## 28,REACTOME\_INTERFERON\_ALPHA\_BETA\_SIGNALING

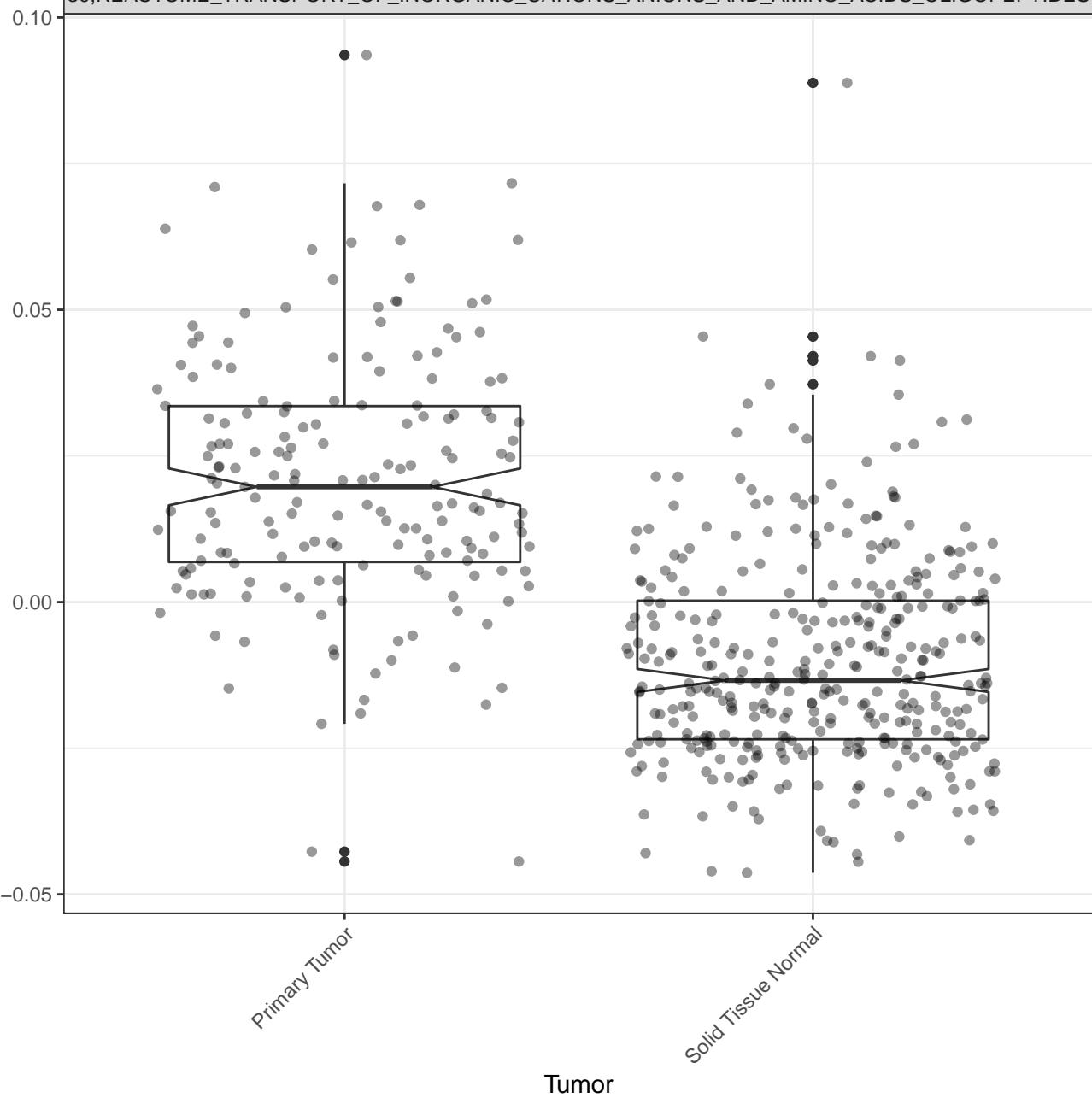


## 29,REACTOME\_E2F\_MEDIATED\_REGULATION\_OF\_DNA\_REPLICATION



## 30,REACTOME\_TRANSPORT\_OF\_INORGANIC\_CATIONS\_ANIONS\_AND\_AMINO\_ACIDS\_OLIGOPEPTIDES

Value



### 31,KEGG\_CYSTEINE\_AND\_METHIONINE\_METABOLISM

Value

0.05

0.00

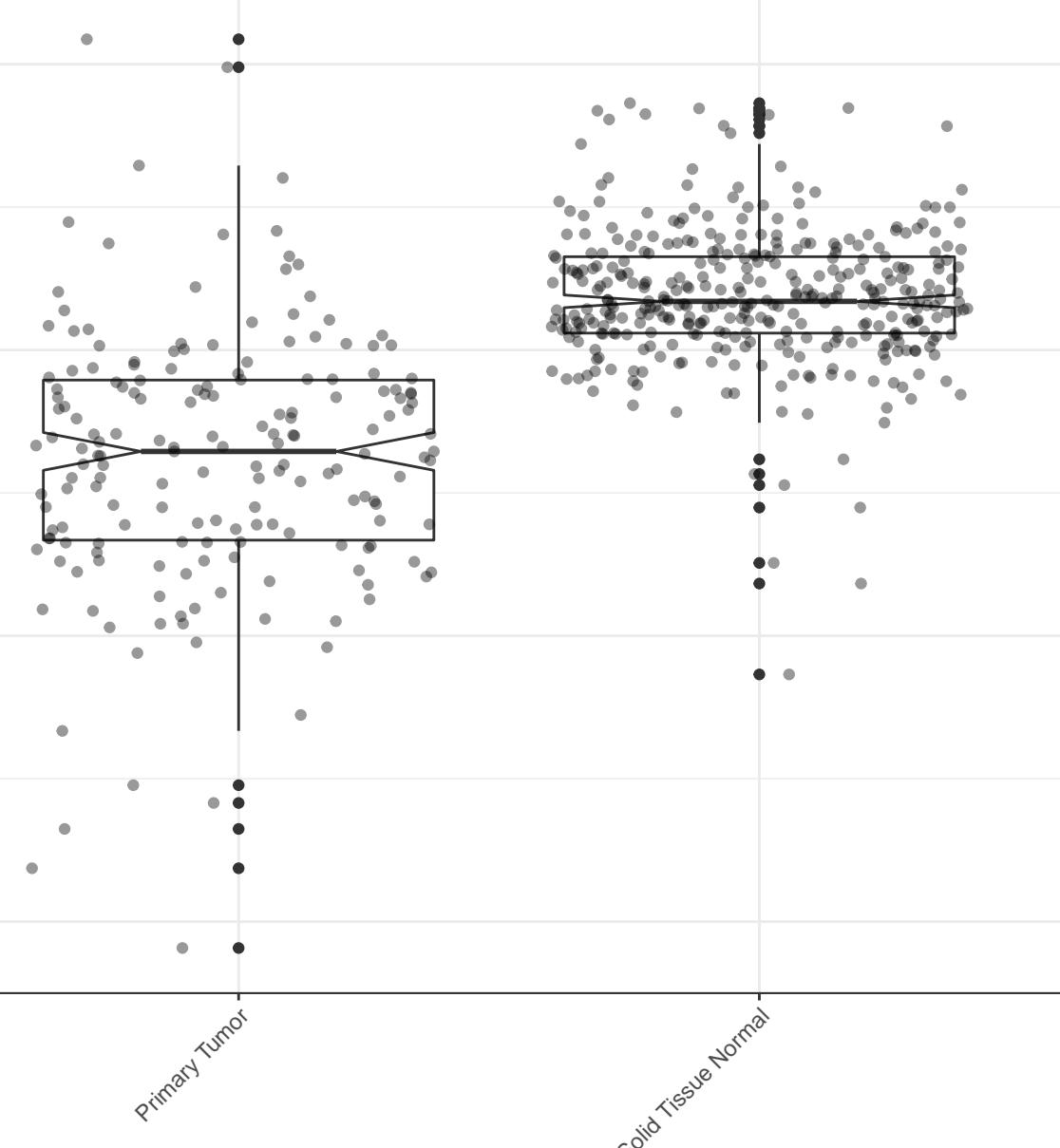
-0.05

-0.10

Primary Tumor

Solid Tissue Normal

Tumor



### 32,PID\_ANGIOPOIETINRECEPTOR\_PATHWAY

Value

0.2

0.1

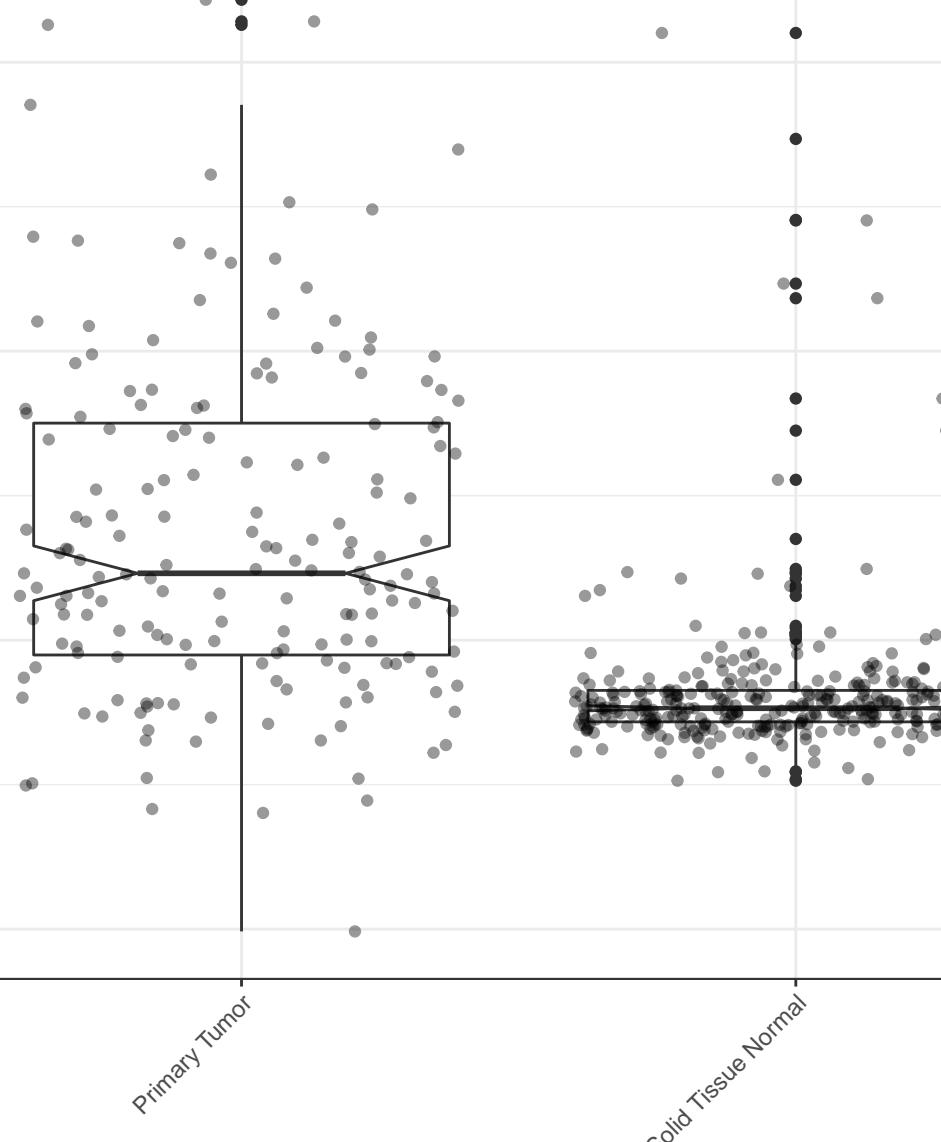
0.0

-0.1

Primary Tumor

Solid Tissue Normal

Tumor



## 33,IRIS\_Monocyte-Day7

Value

0.15

0.10

0.05

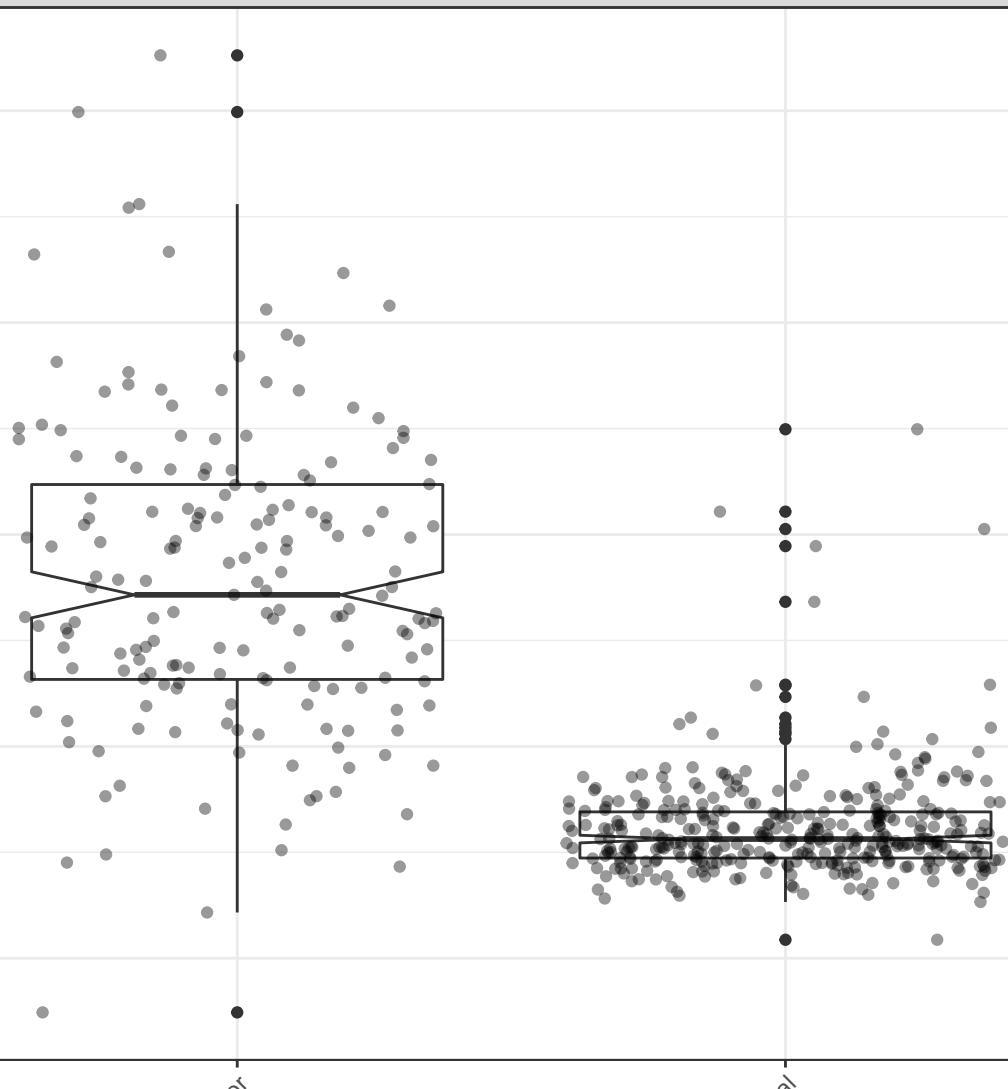
0.00

-0.05

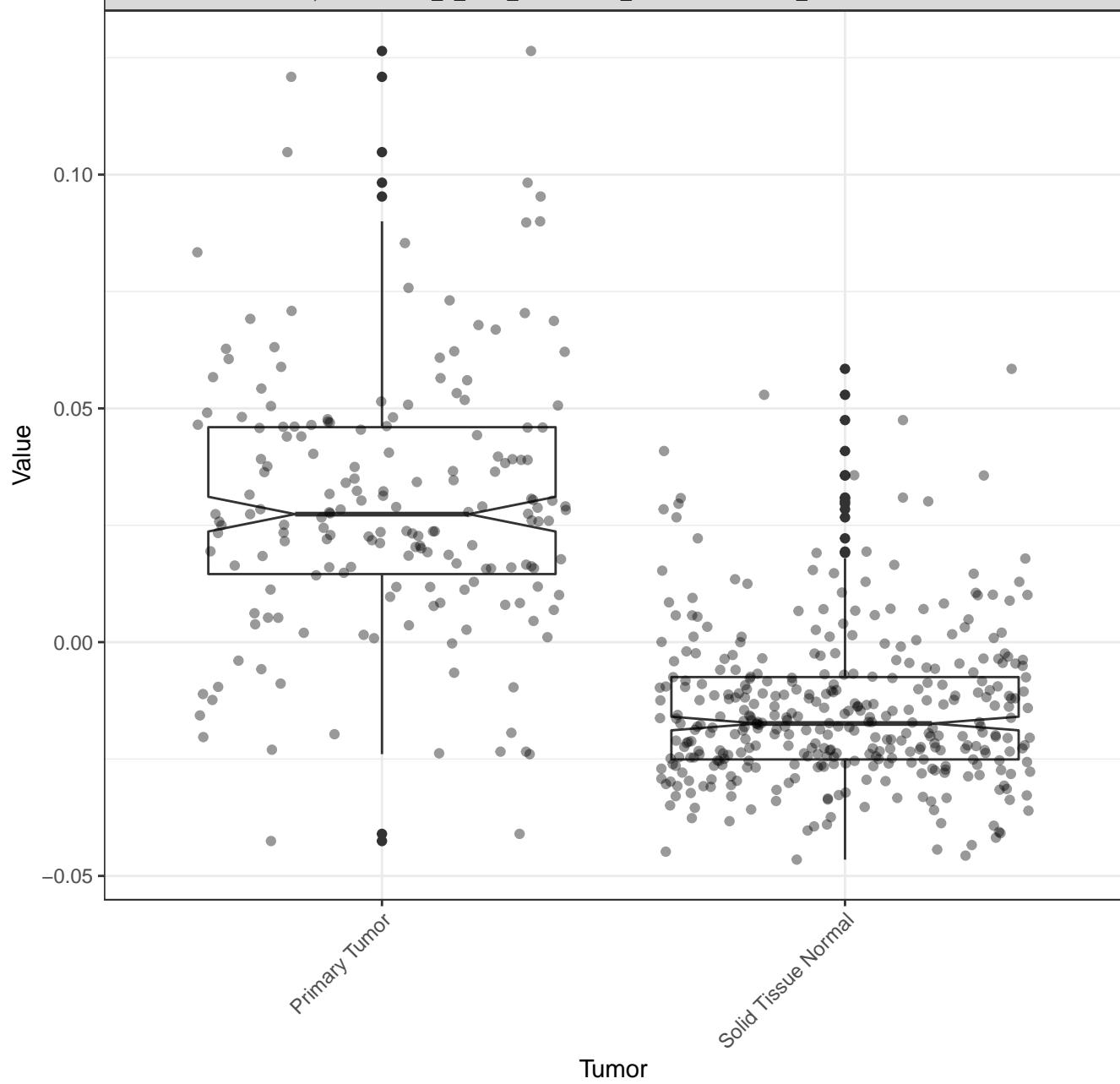
Primary Tumor

Solid Tissue Normal

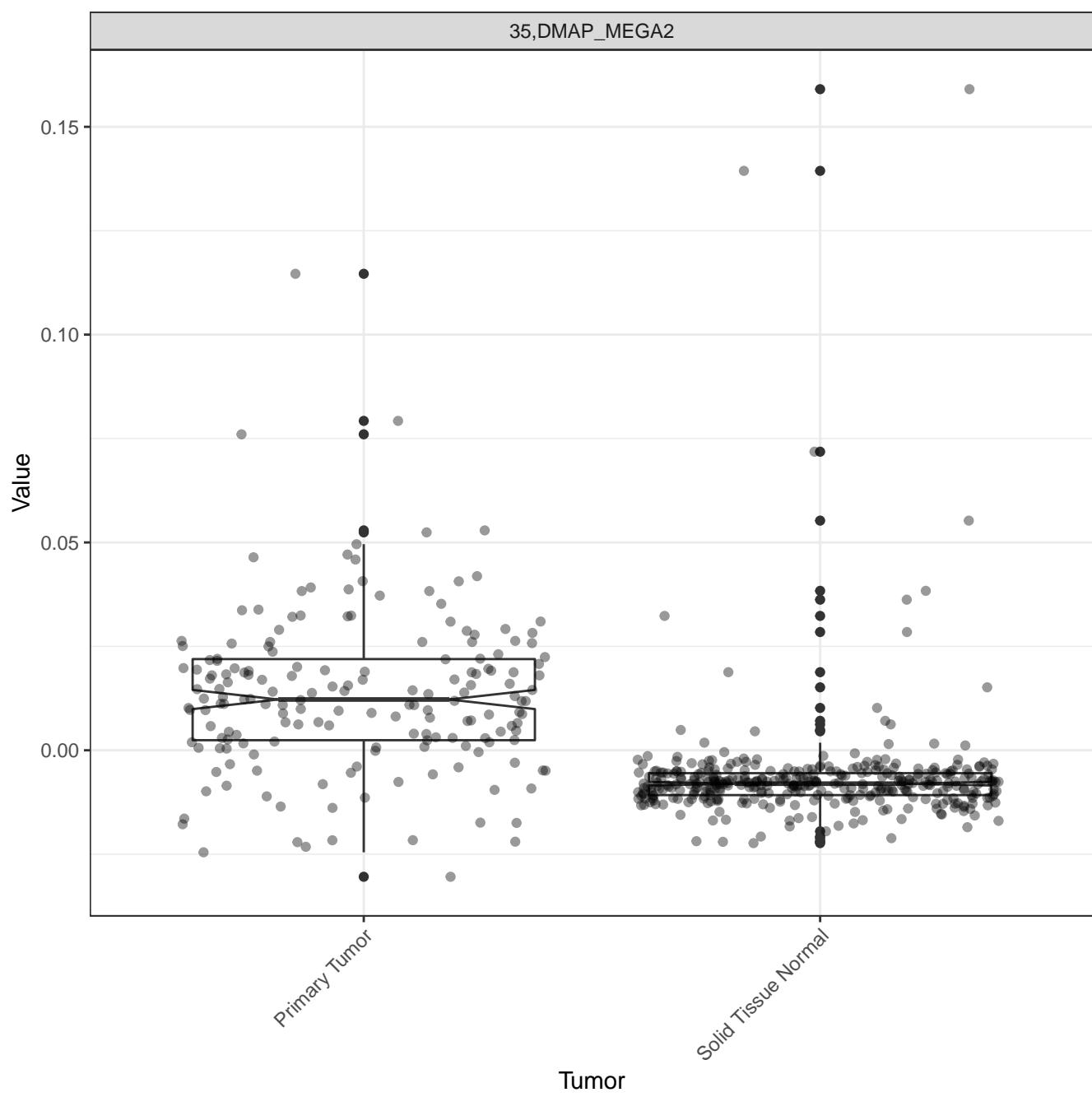
Tumor



## 34,REACTOME\_3\_UTR\_MEDIANED\_TRANSLATIONAL\_REGULATION



## 35,DMAP\_MECA2



## 36,DMAP\_HSC3

Value

0.10

0.05

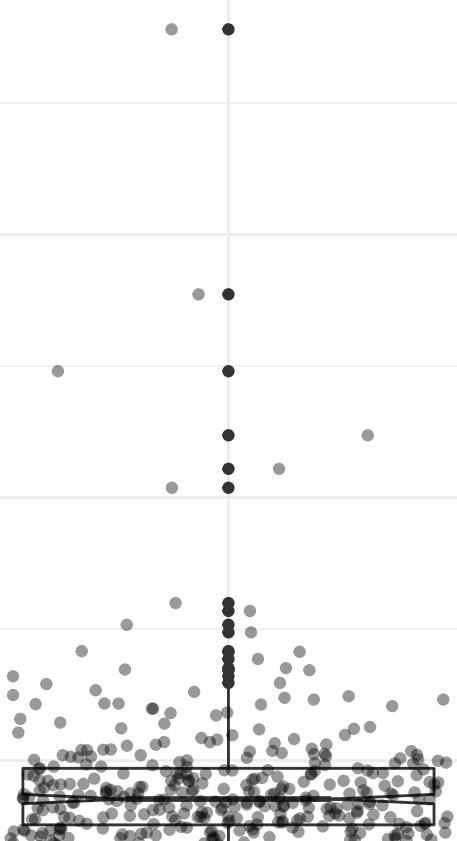
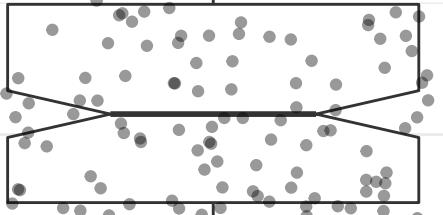
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



### 37,KEGG\_PPAR\_SIGNALING\_PATHWAY

Value

1.5

1.0

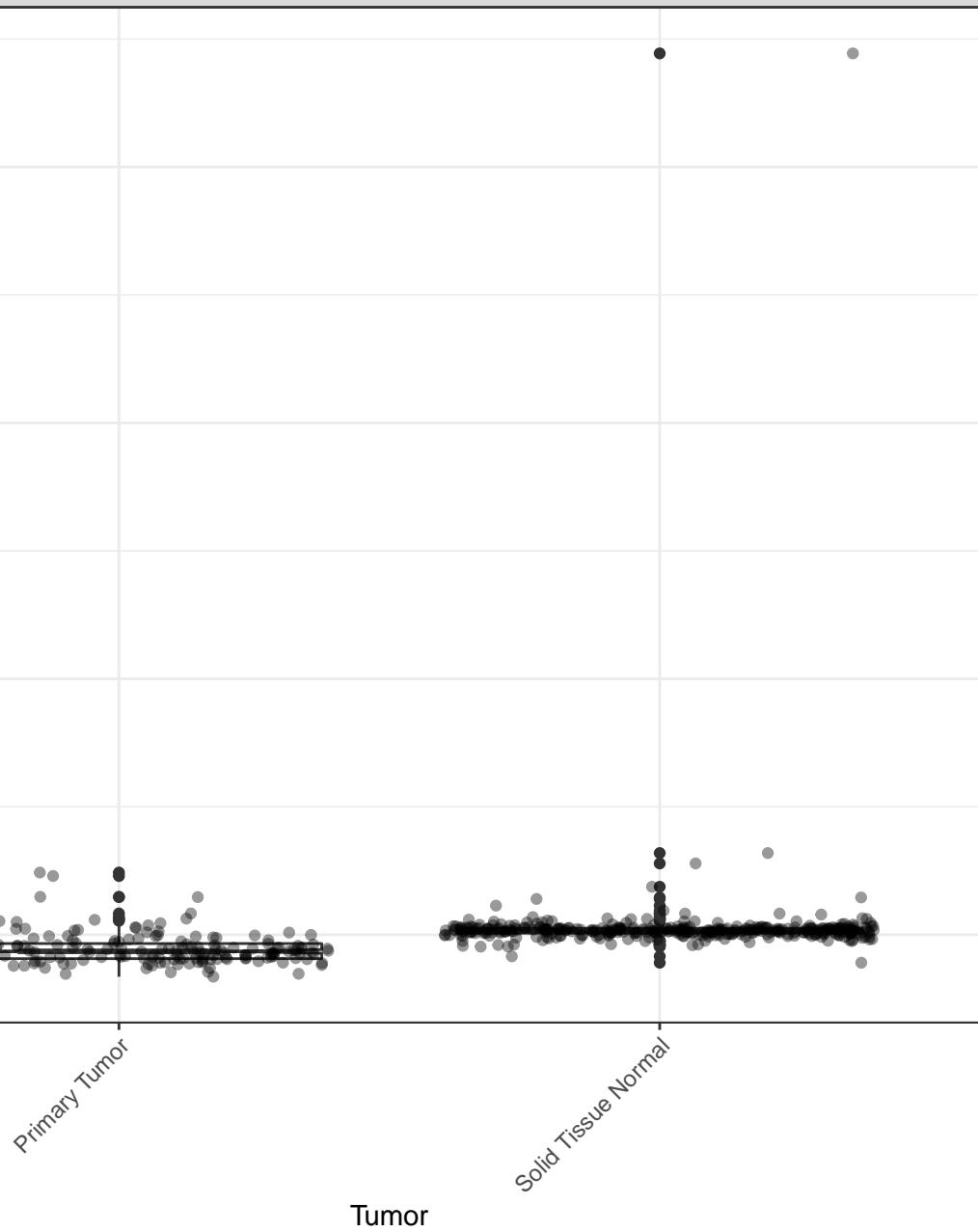
0.5

0.0

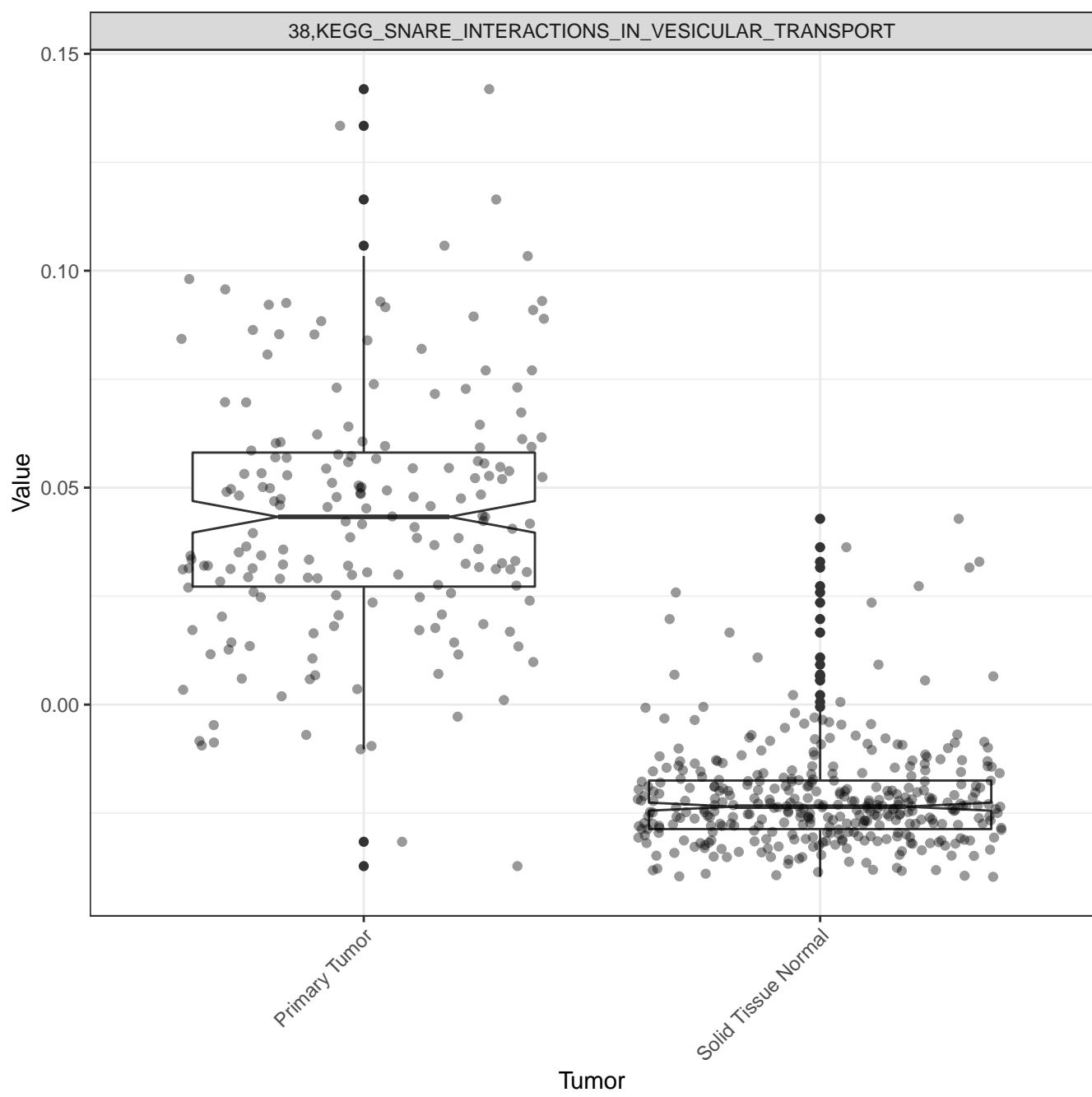
Primary Tumor

Solid Tissue Normal

Tumor



### 38,KEGG\_SNARE\_INTERACTIONS\_IN\_VESICULAR\_TRANSPORT



## 39,KEGG\_CELL\_ADHESION\_MOLECULES\_CAMS

Value

0.2

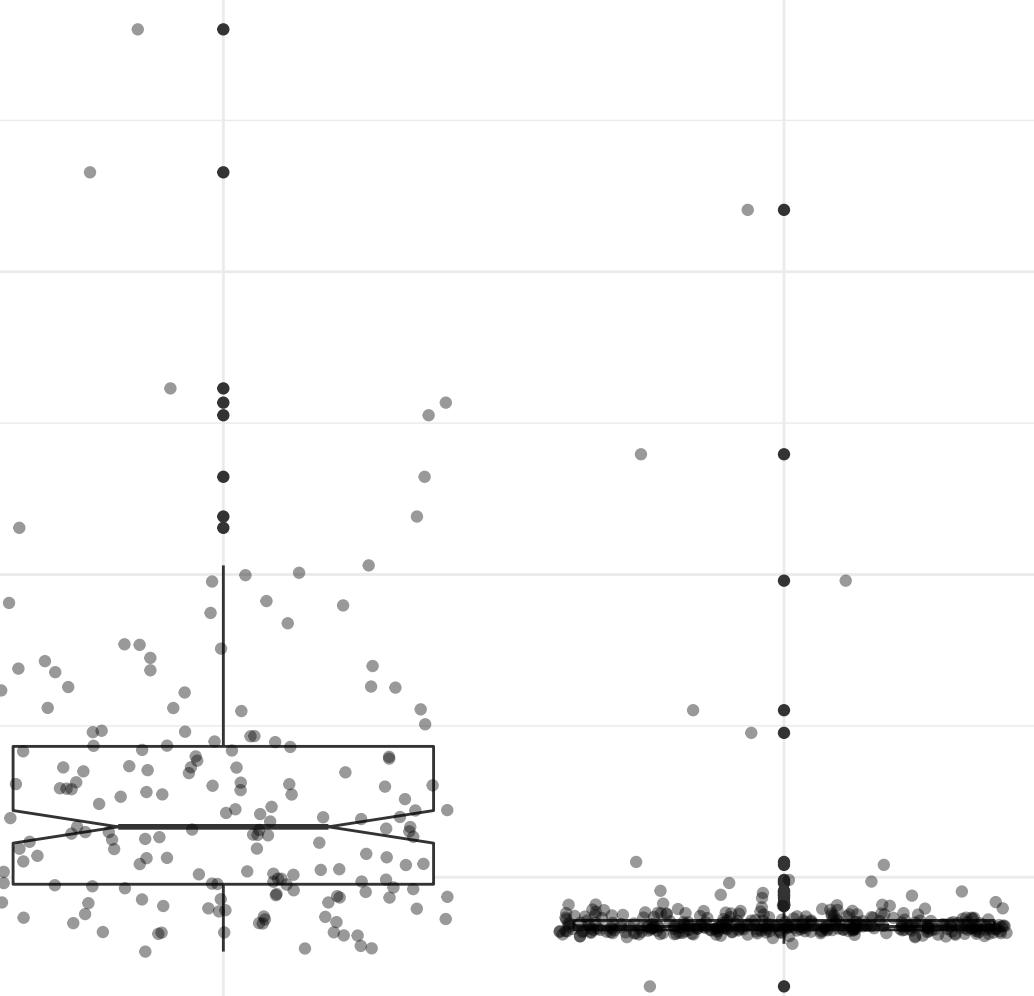
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



#### 40,KEGG\_DILATED\_CARDIOMYOPATHY

Value

0.3

0.2

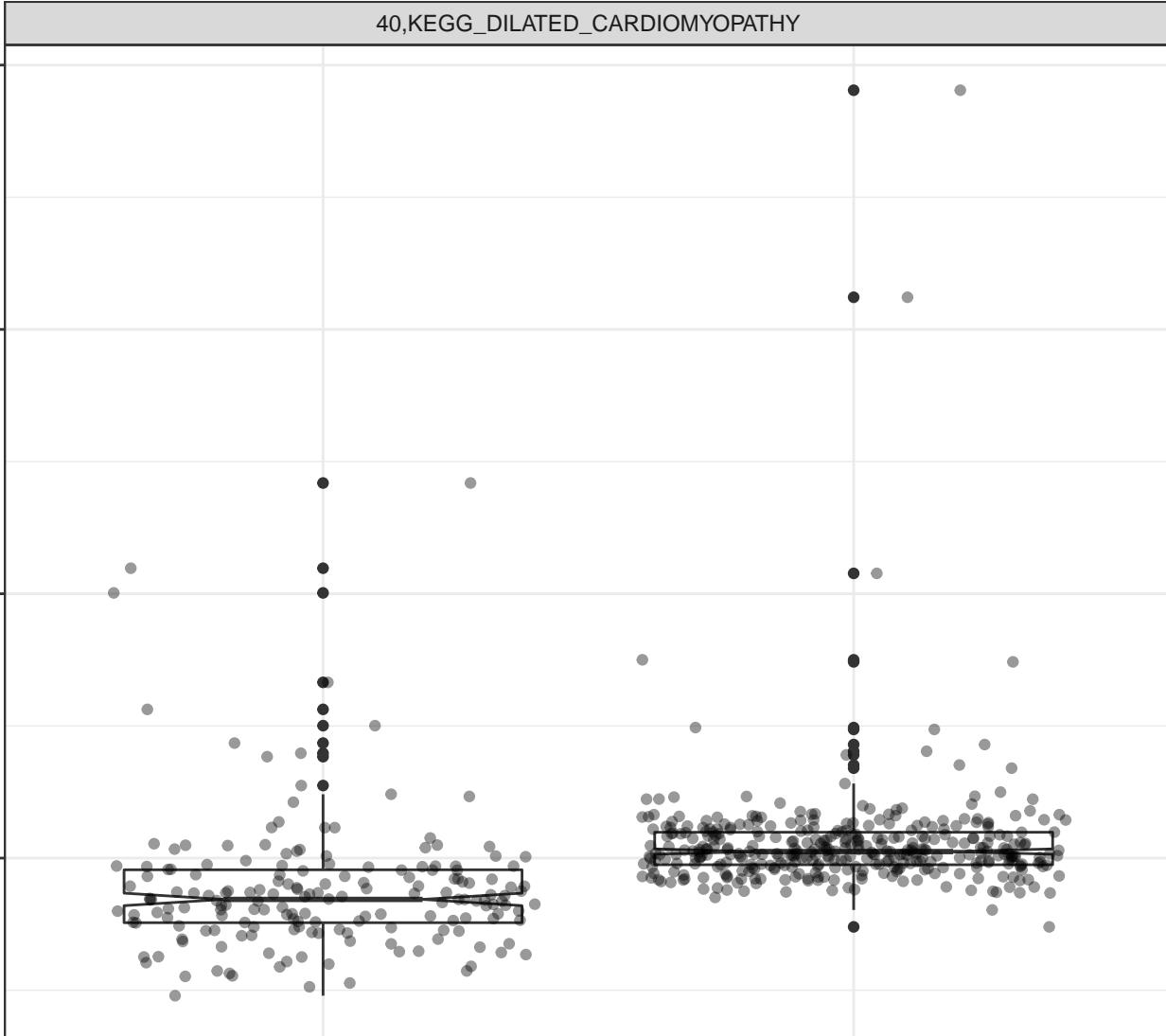
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



# 41,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value

0.6

0.4

0.2

0.0

Primary Tumor

Tumor

Solid Tissue Normal

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## 42,REACTOME DEVELOPMENTAL\_BIOLOGY

Value

0.2

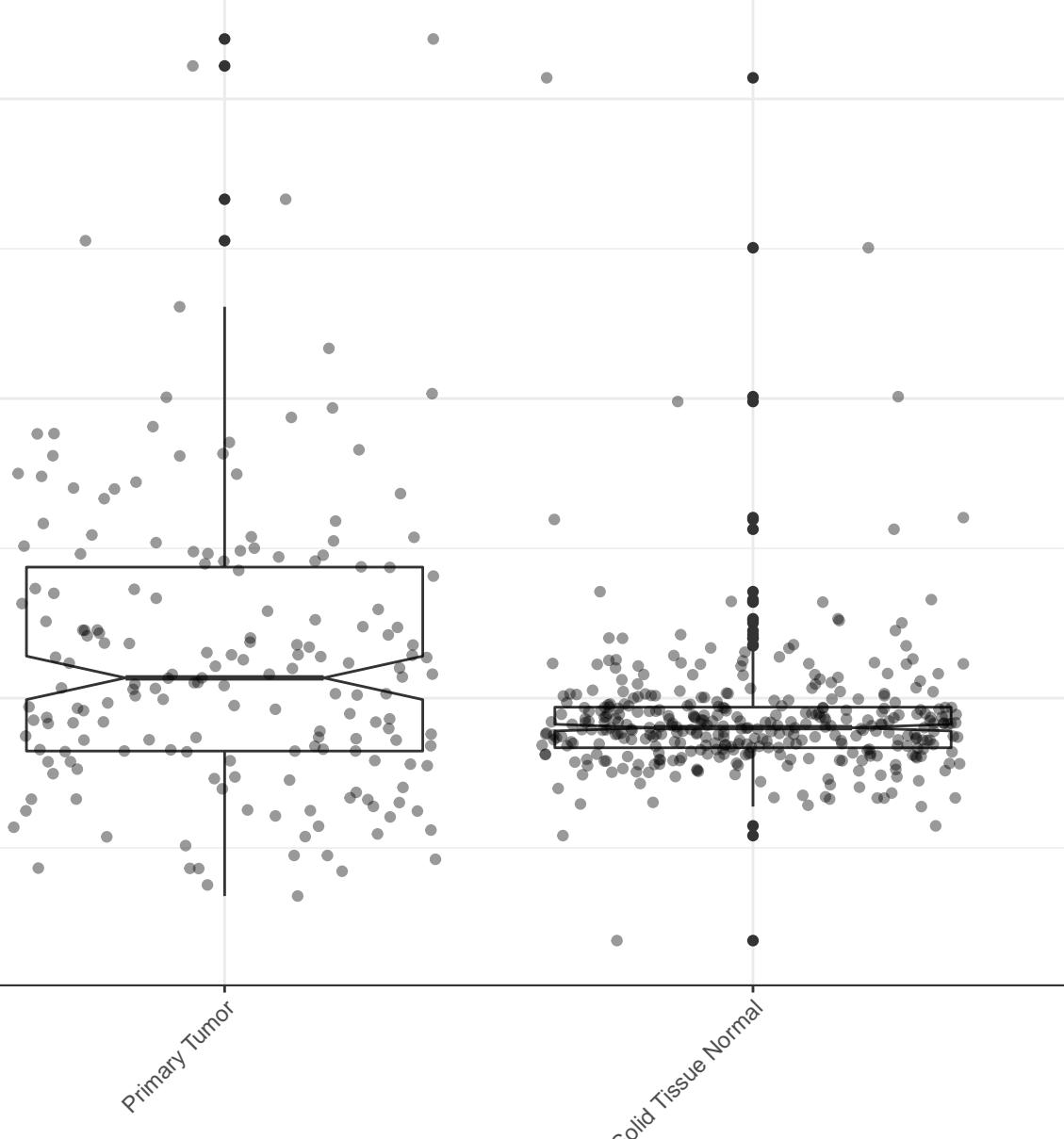
0.1

0.0

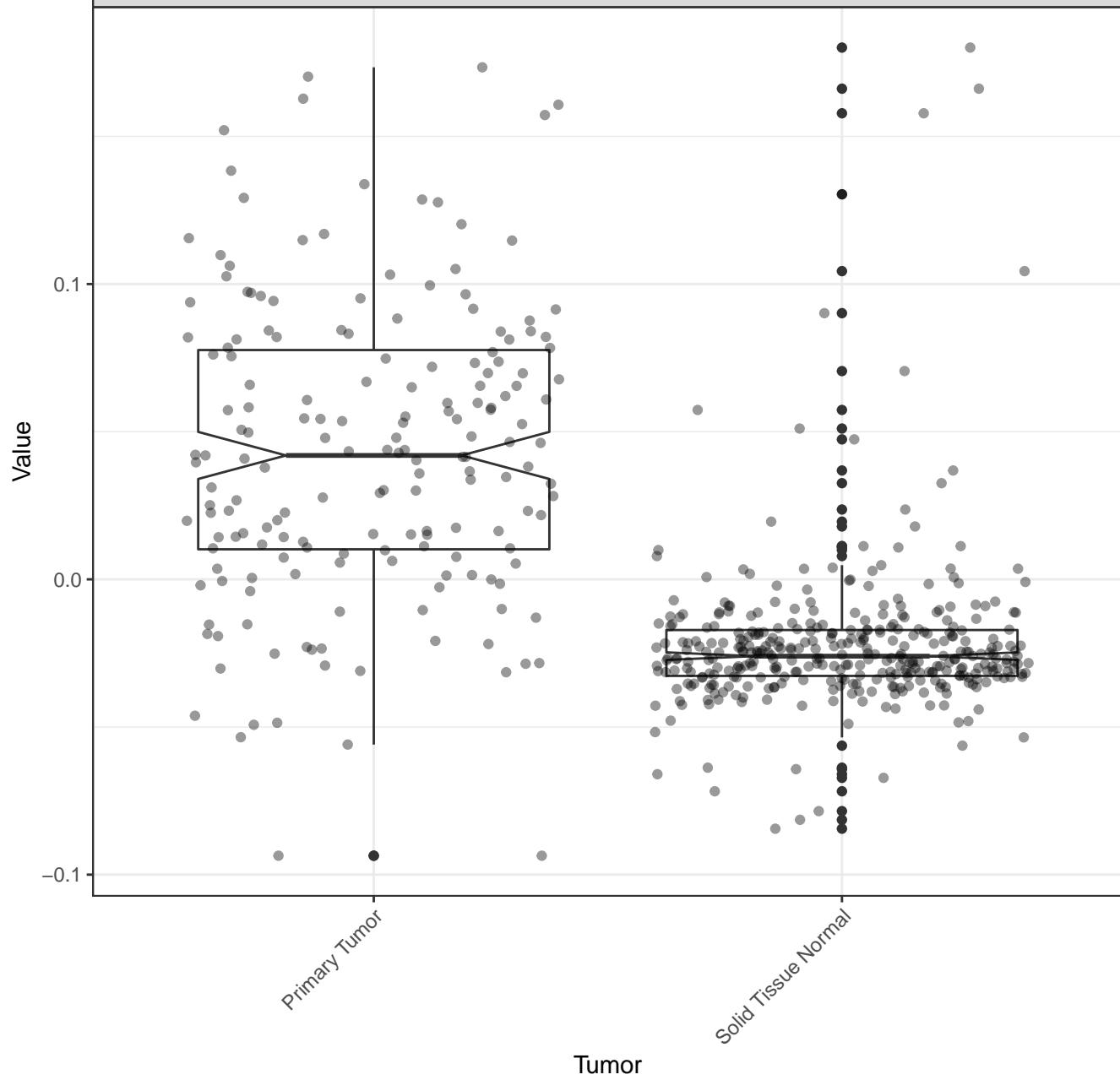
Primary Tumor

Solid Tissue Normal

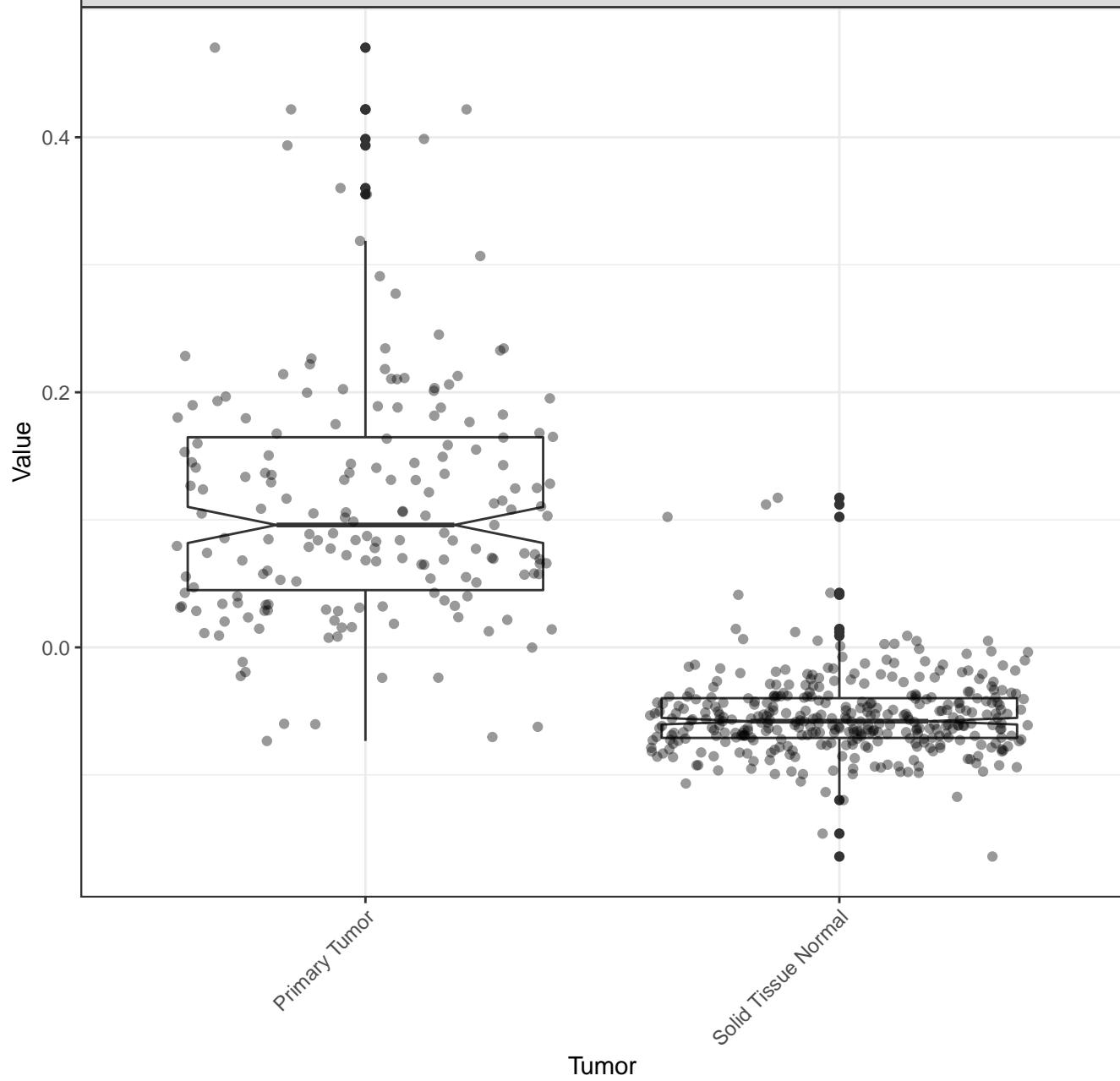
Tumor



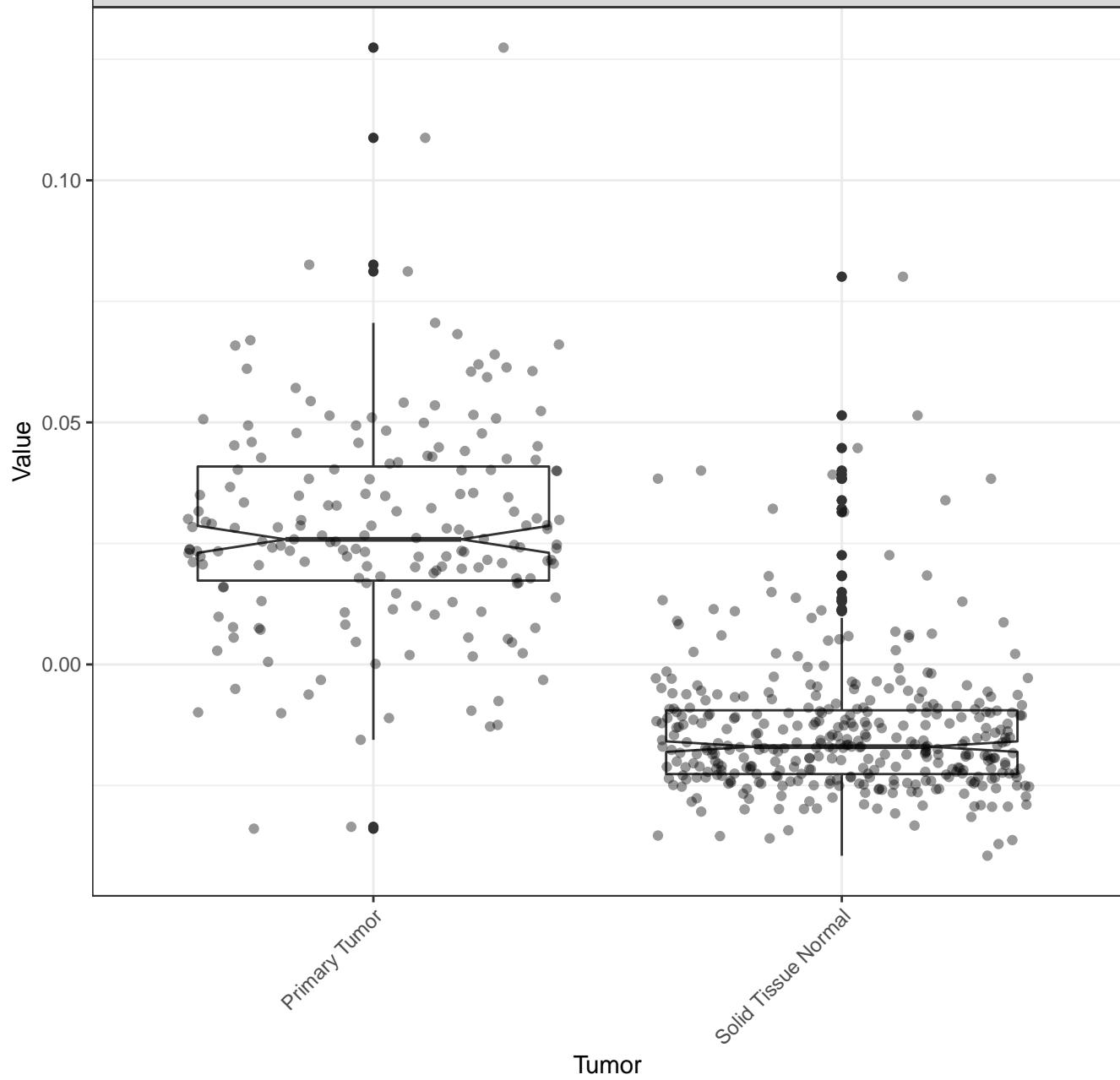
### 43,KEGG\_BASAL\_CELL\_CARCINOMA



# 44,MIPS\_55S\_RIBOSOME\_MITOCHONDRIAL



## 45,PID\_MYC\_REPRESSPATHWAY



## 46,REACTOME\_AXON\_GUIDANCE

Value

0.4

0.2

0.1

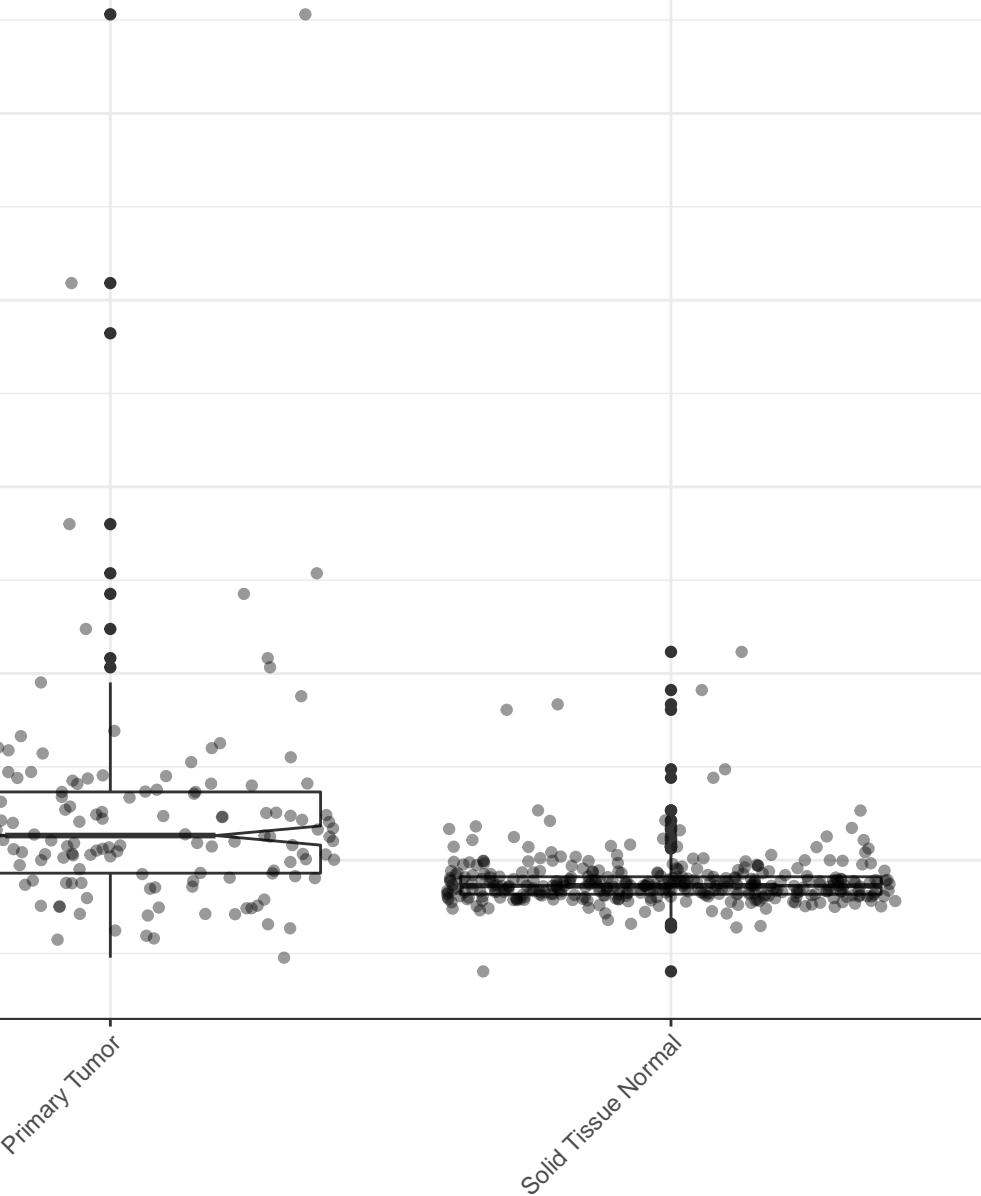
0.1

0.0

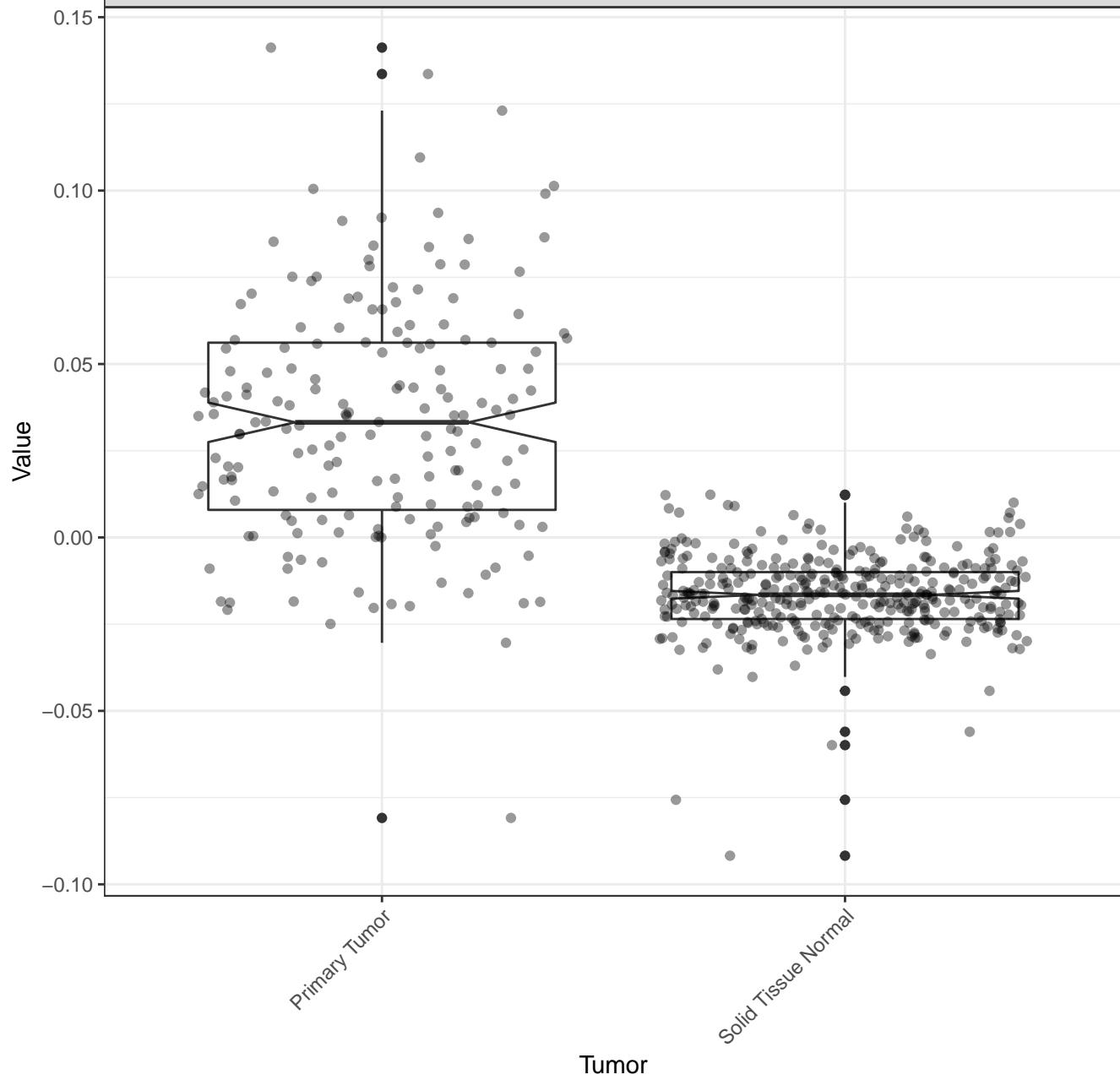
Primary Tumor

Solid Tissue Normal

Tumor



# 47,PID\_A6B1\_A6B4\_INTEGRIN\_PATHWAY



## 48,IRIS\_Neutrophil–Resting

Value

0.10

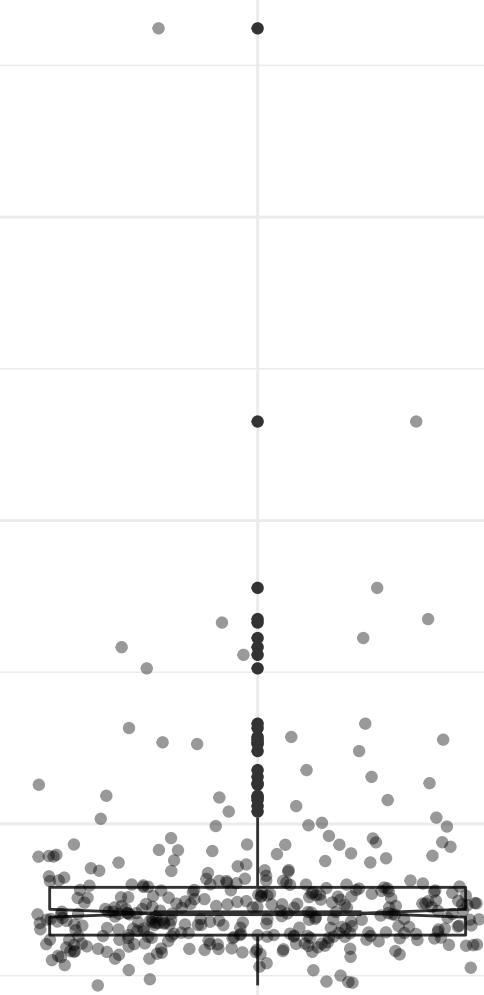
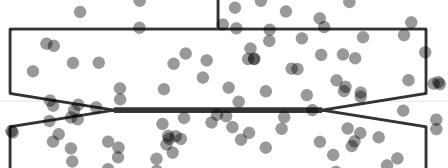
0.05

0.00

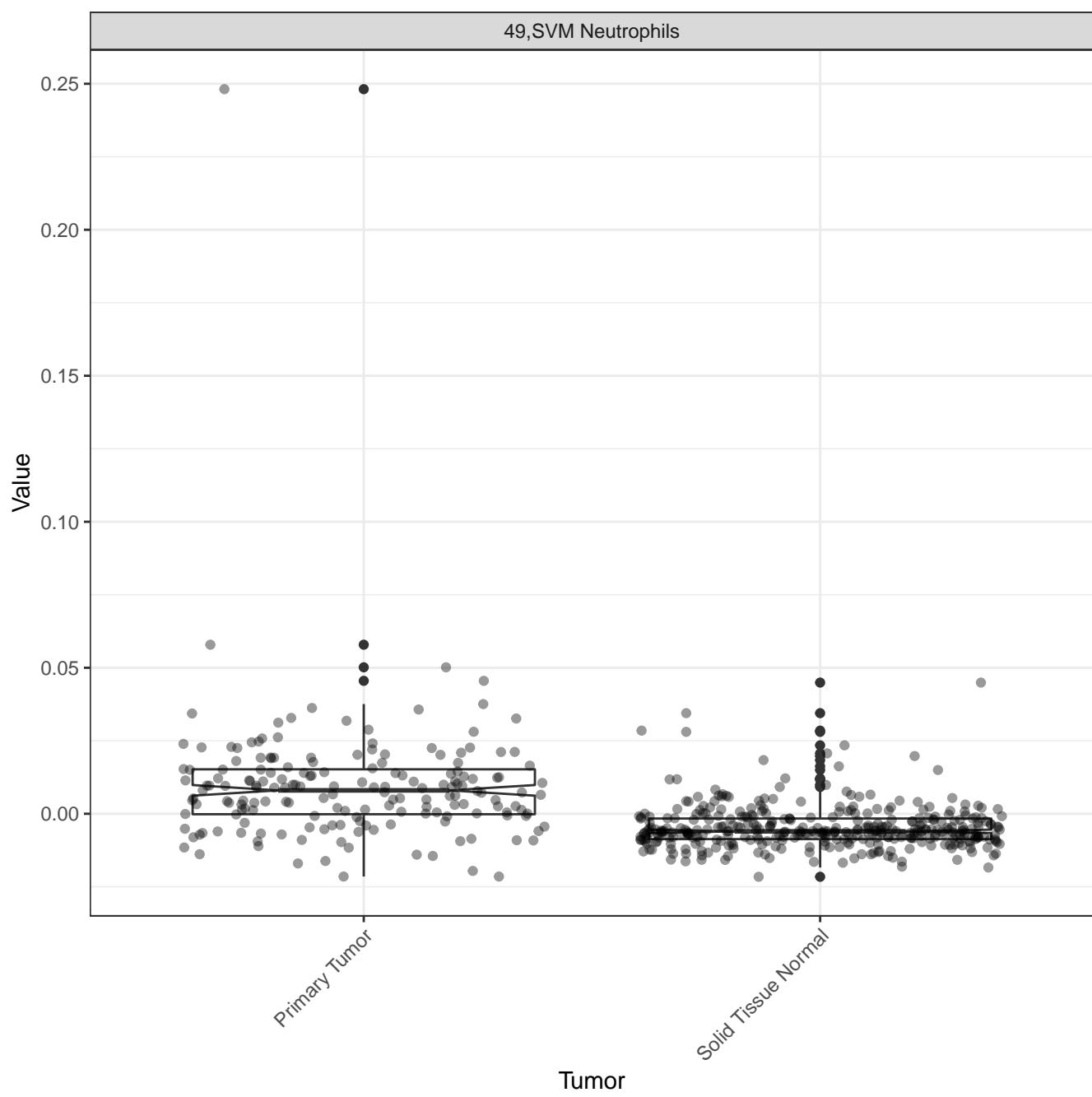
Primary Tumor

Solid Tissue Normal

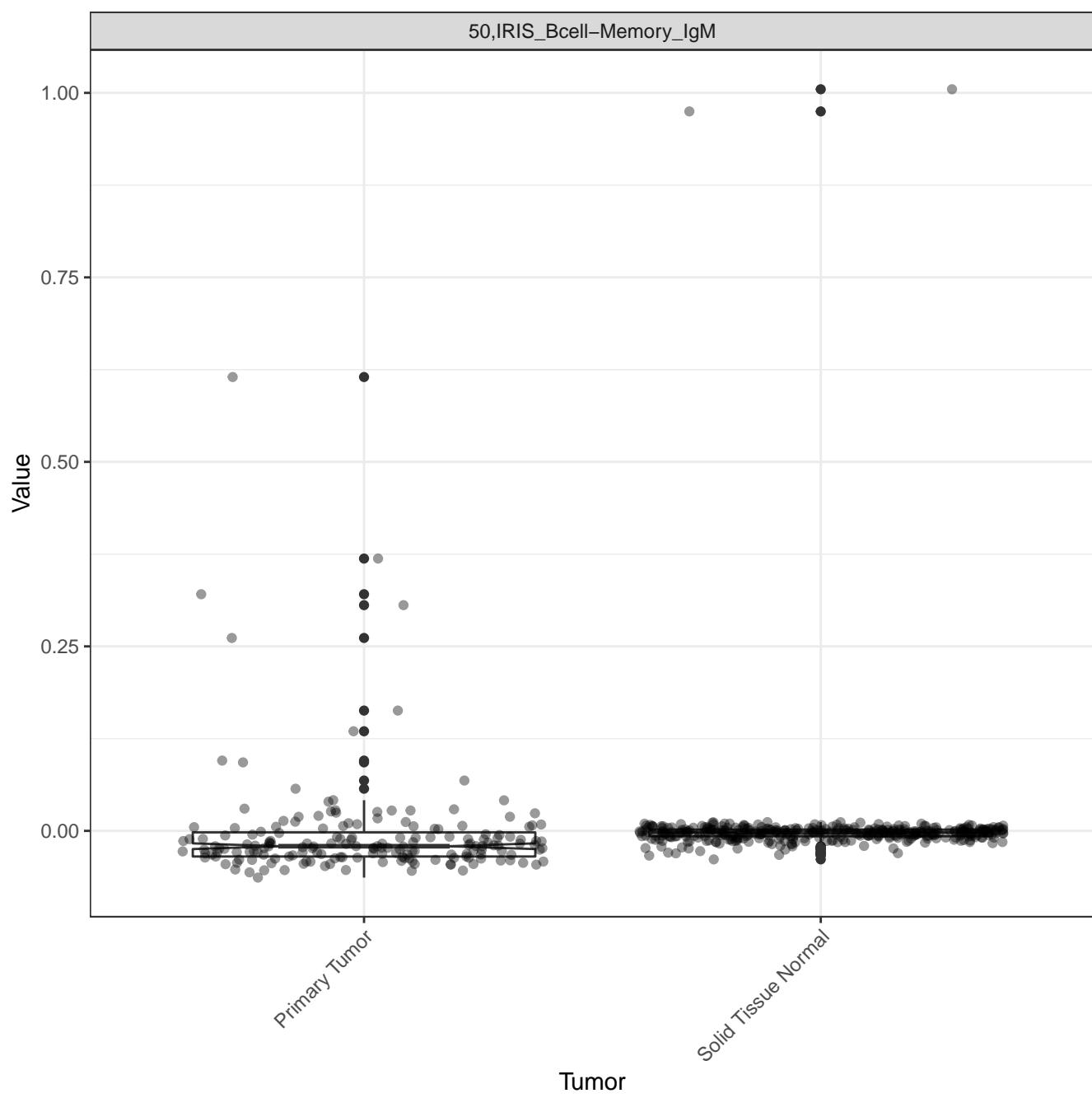
Tumor



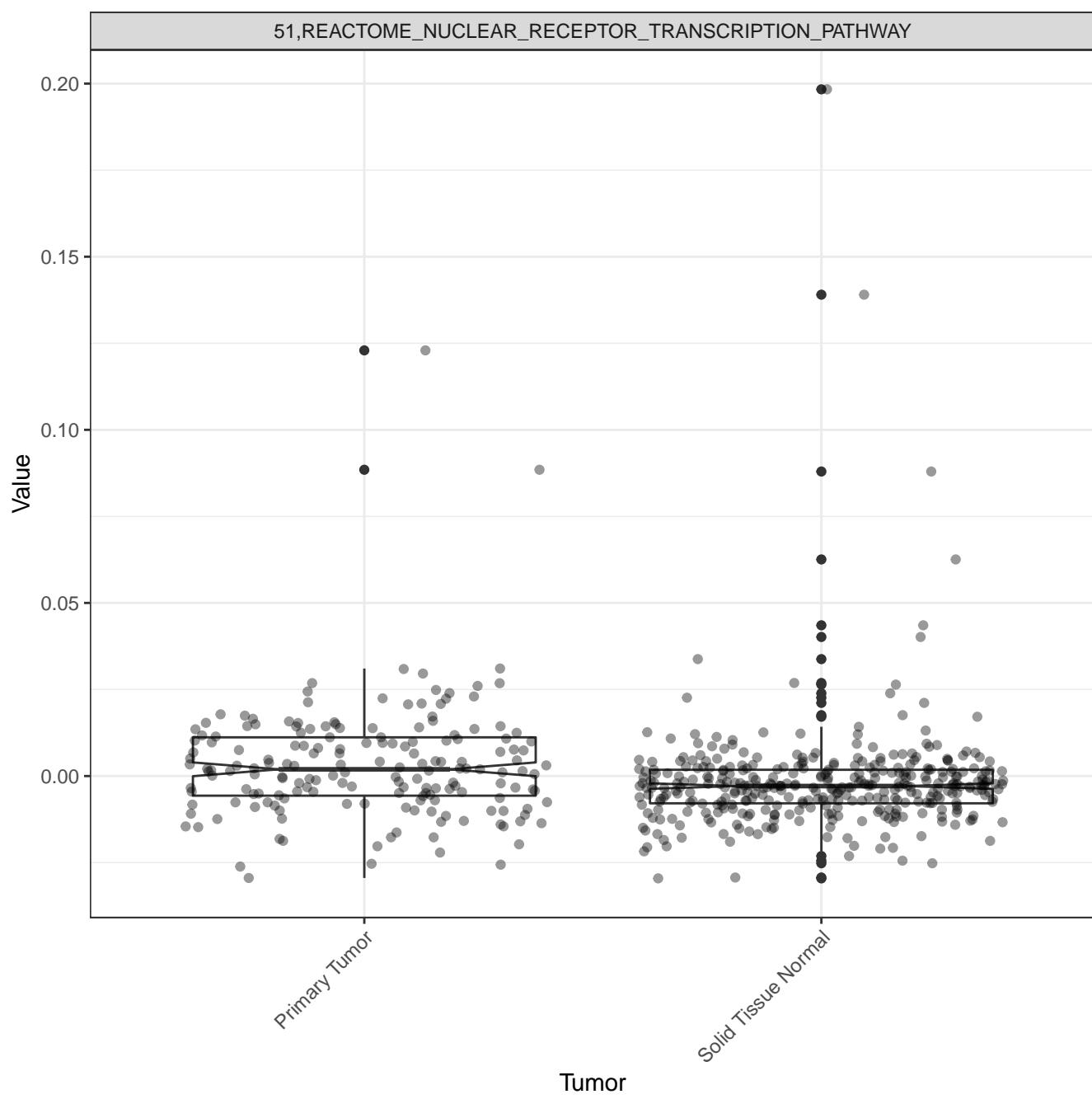
### 49,SVM Neutrophils



## 50,IRIS\_Bcell-Memory\_IgM



# 51,REACTOME\_NUCLEAR\_RECEPтор\_TRANSCRIPTION\_PATHWAY



## 52,REACTOME\_RIG\_I\_MDA5\_MEDIATED\_INDUCTION\_OF\_IFN\_ALPHA\_BETA\_PATHWAYS

Value

0.10

0.05

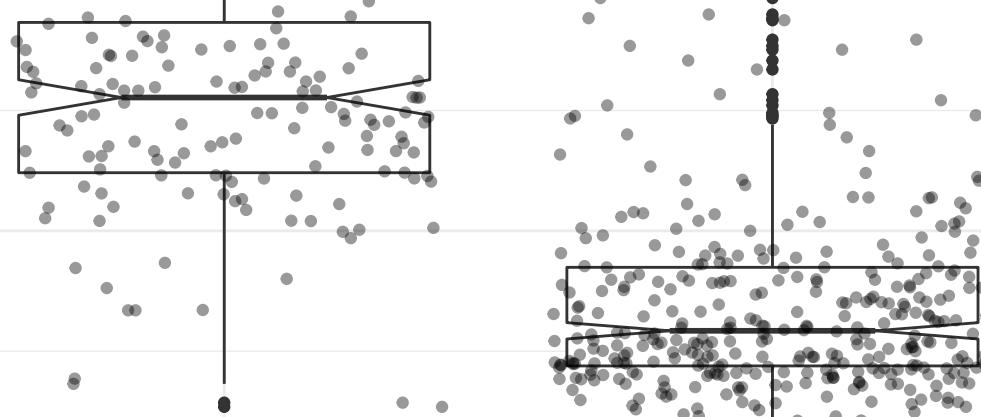
0.00

-0.05

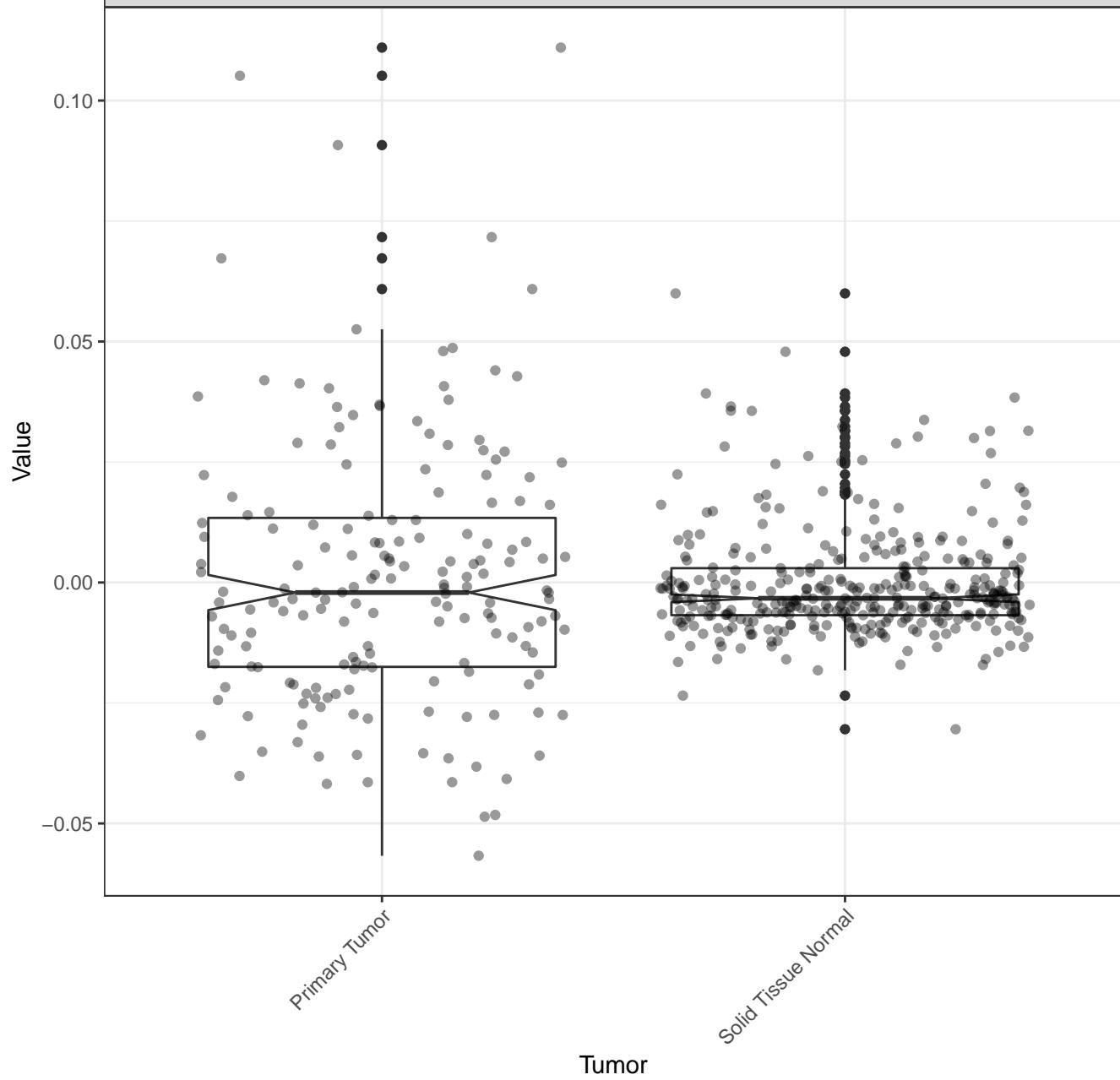
Primary Tumor

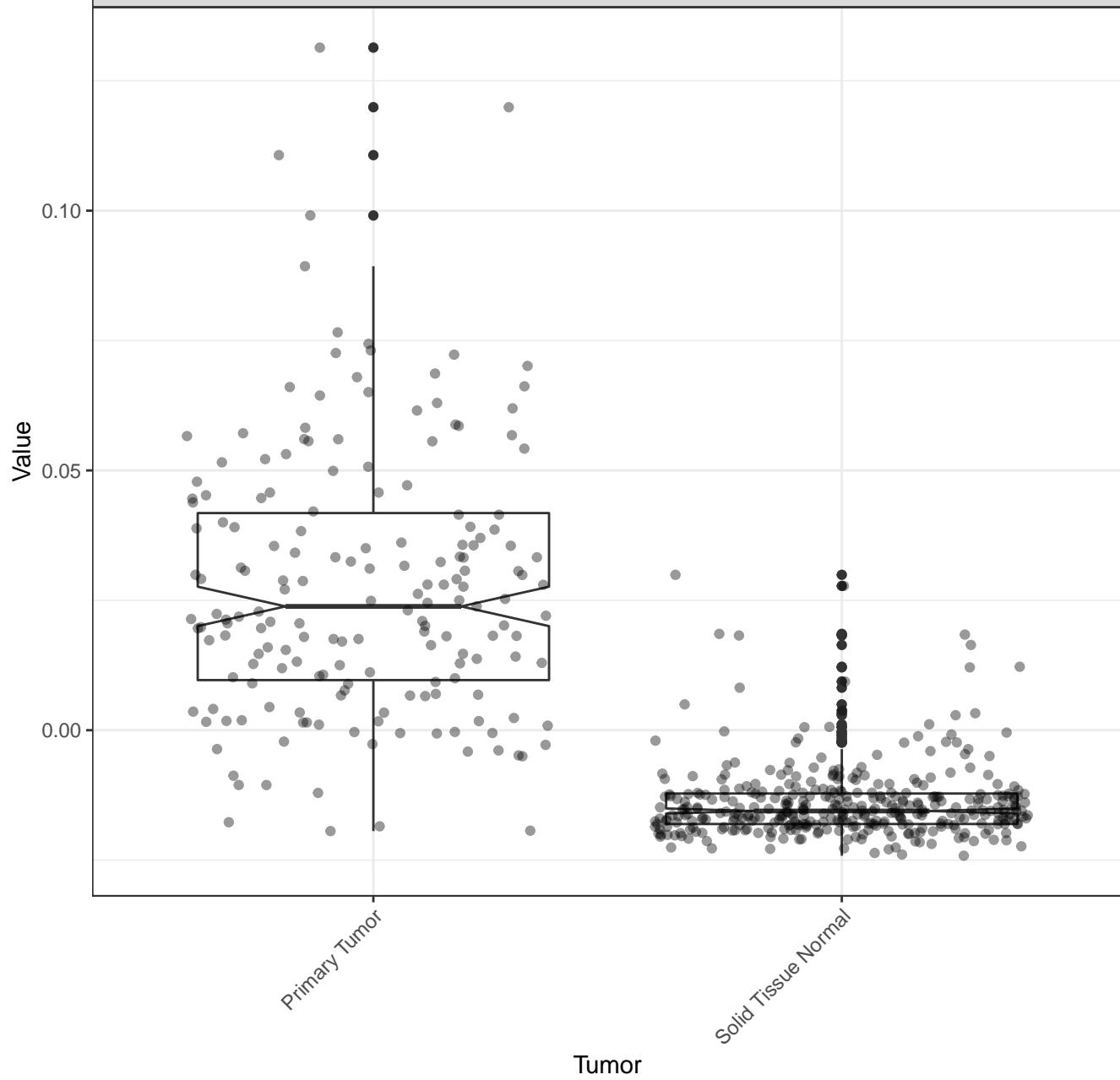
Solid Tissue Normal

Tumor

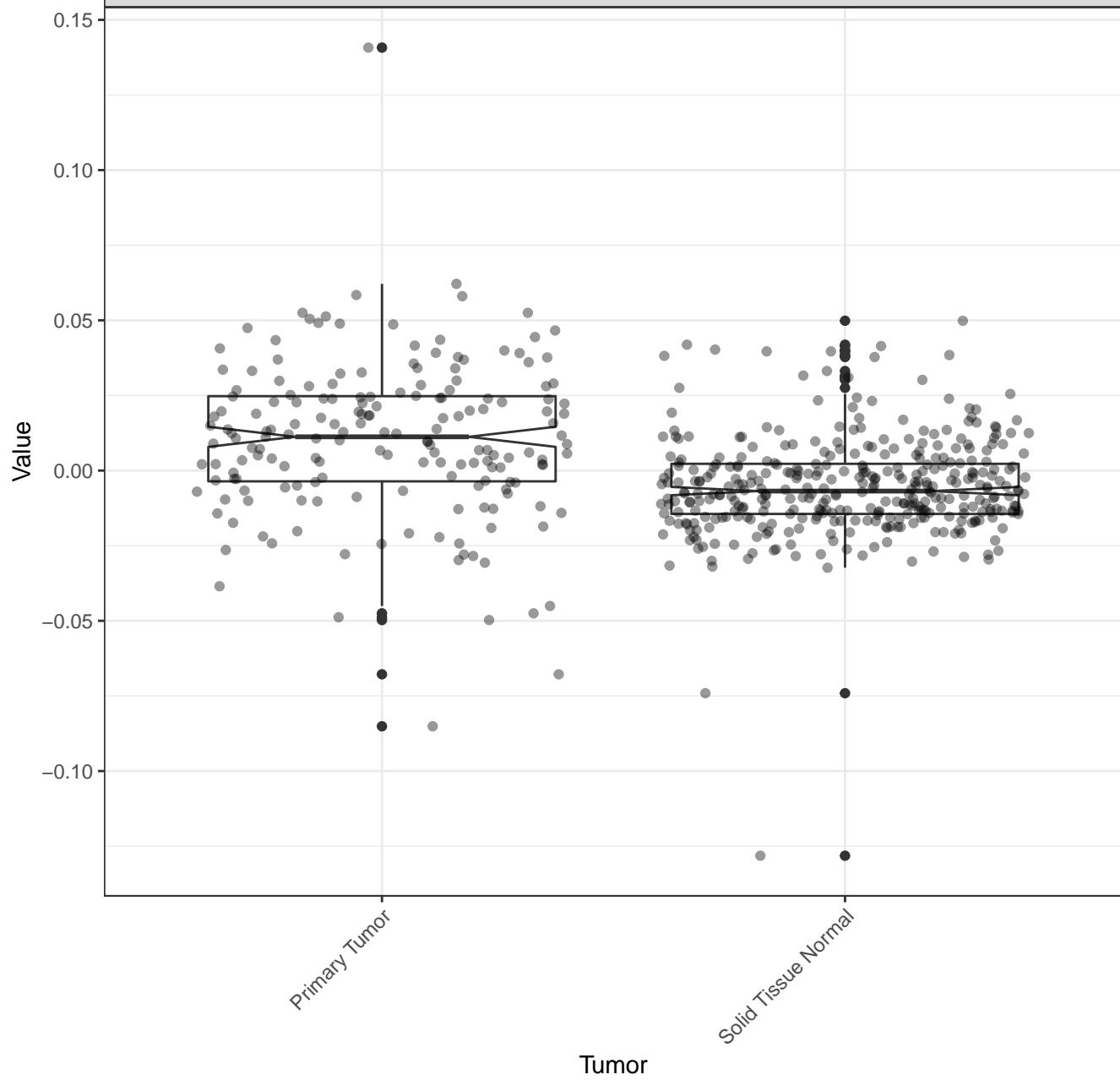


## 53,PID\_NFAT\_TFPATHWAY

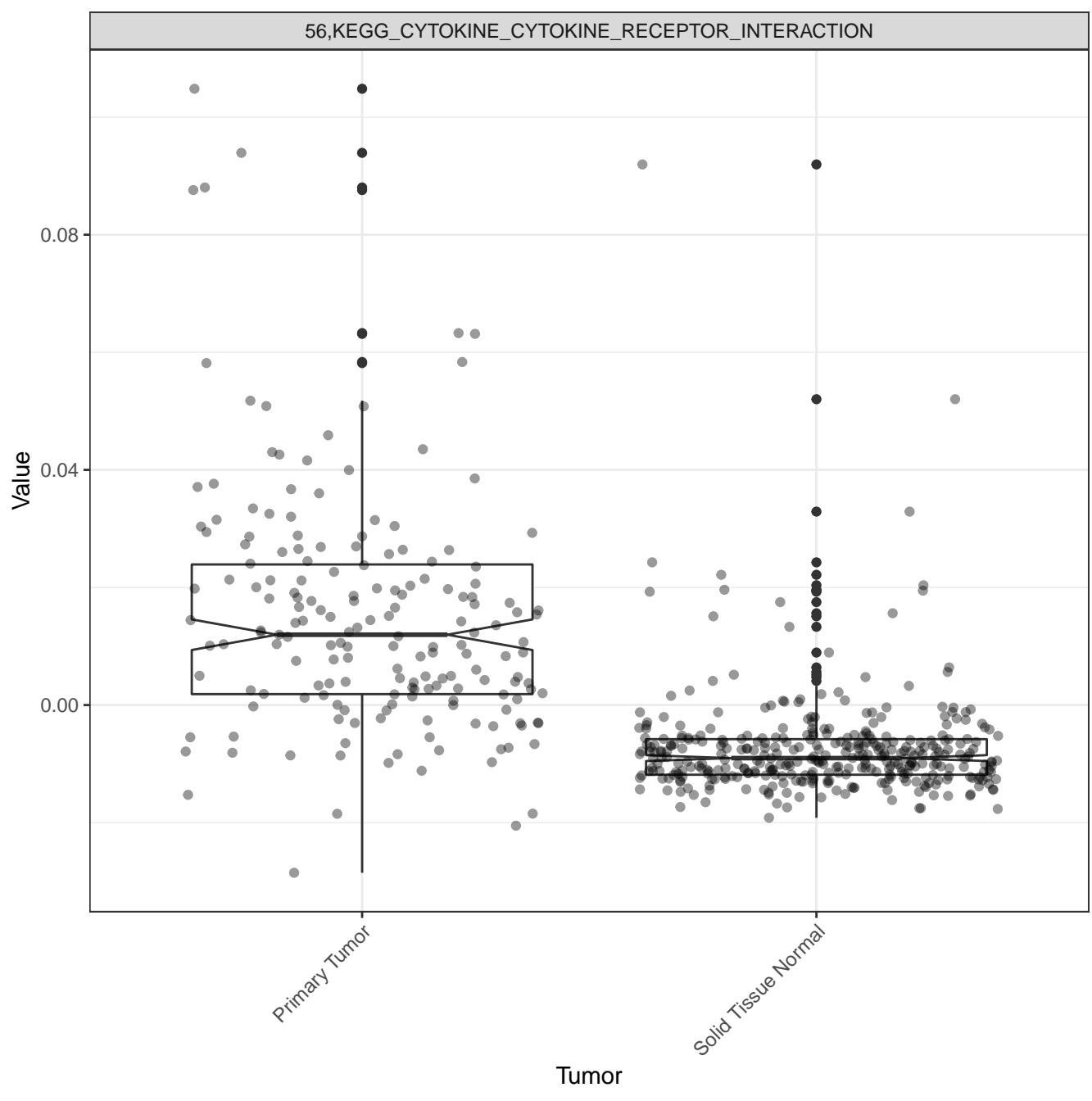




## 55,PID\_ERA\_GENOMIC\_PATHWAY



### 56,KEGG\_CYTOKINE\_CYTOKINE\_RECECTOR\_INTERACTION



# 57,KEGG\_SYSTEMIC\_LUPUS\_ERYTHEMATOSUS

Value

0.3

0.2

0.1

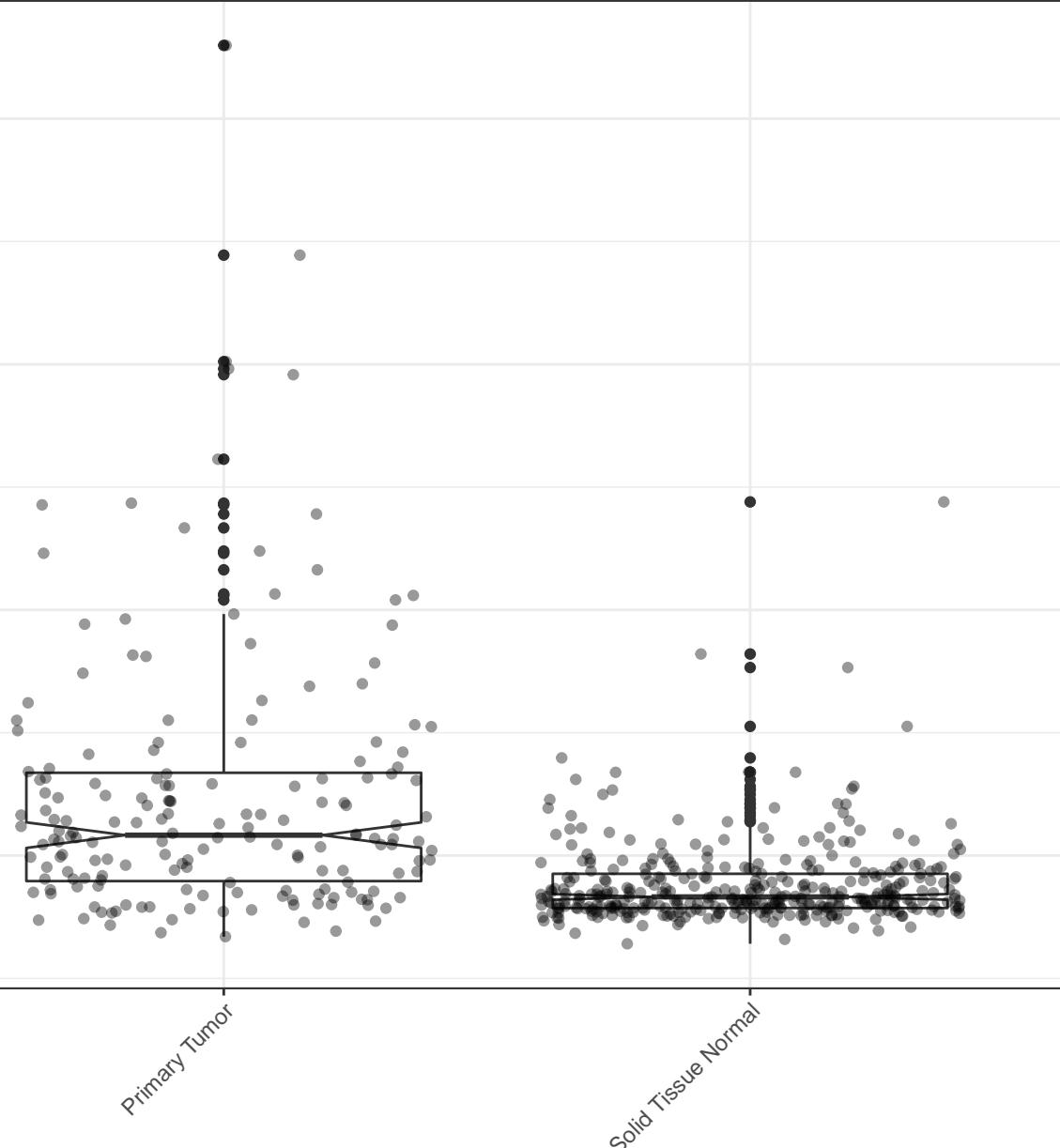
0.0

0.0

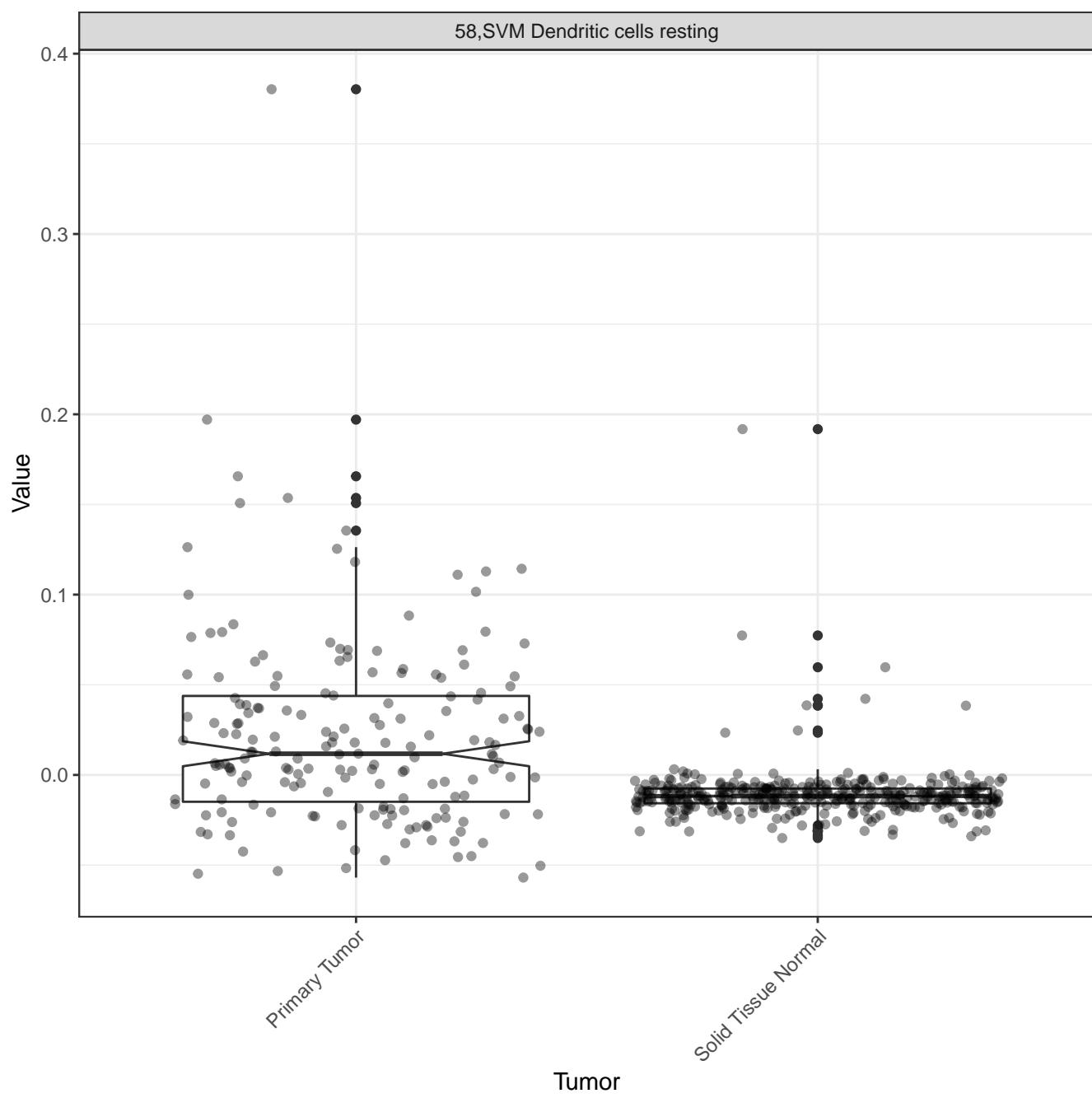
Primary Tumor

Solid Tissue Normal

Tumor

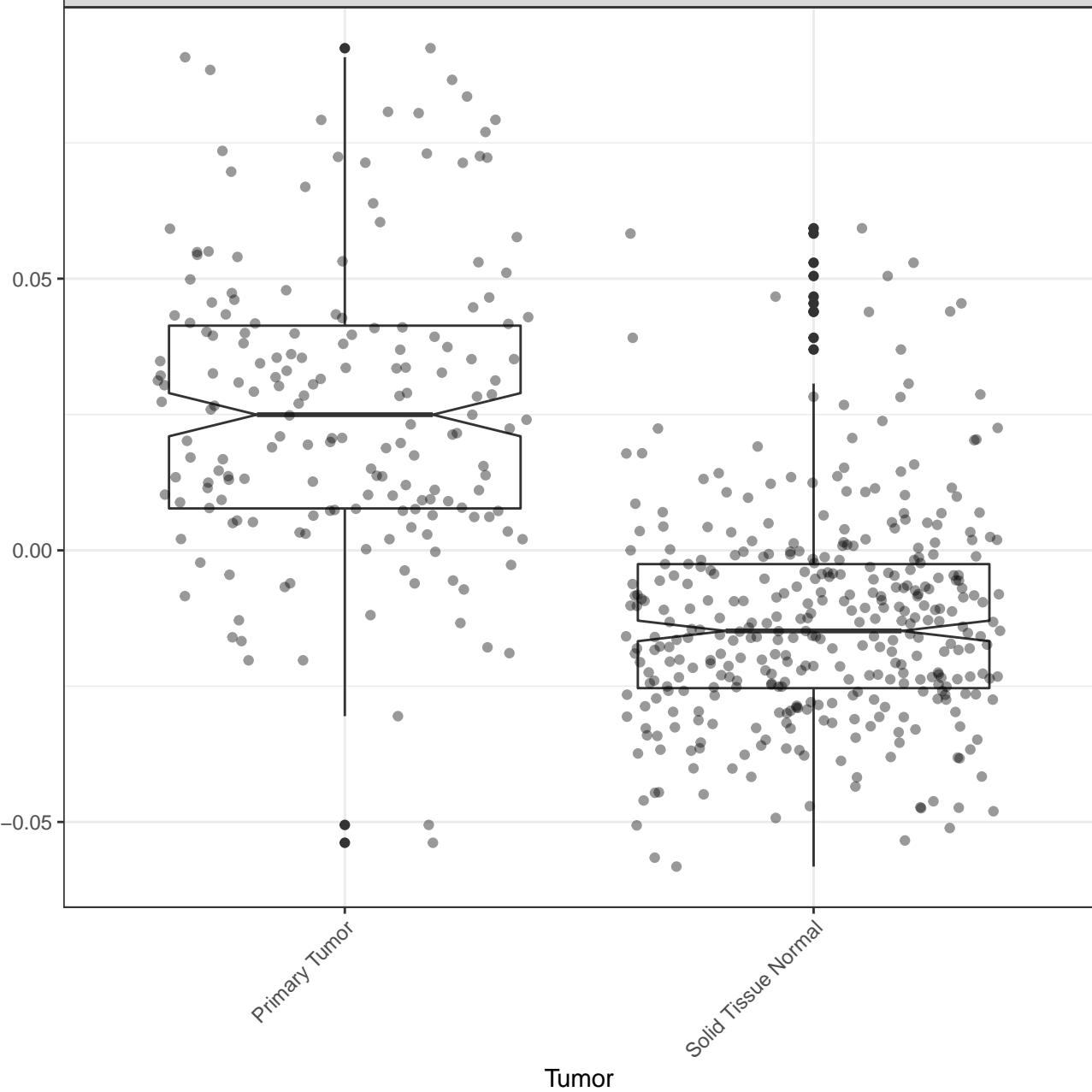


58,SVM Dendritic cells resting



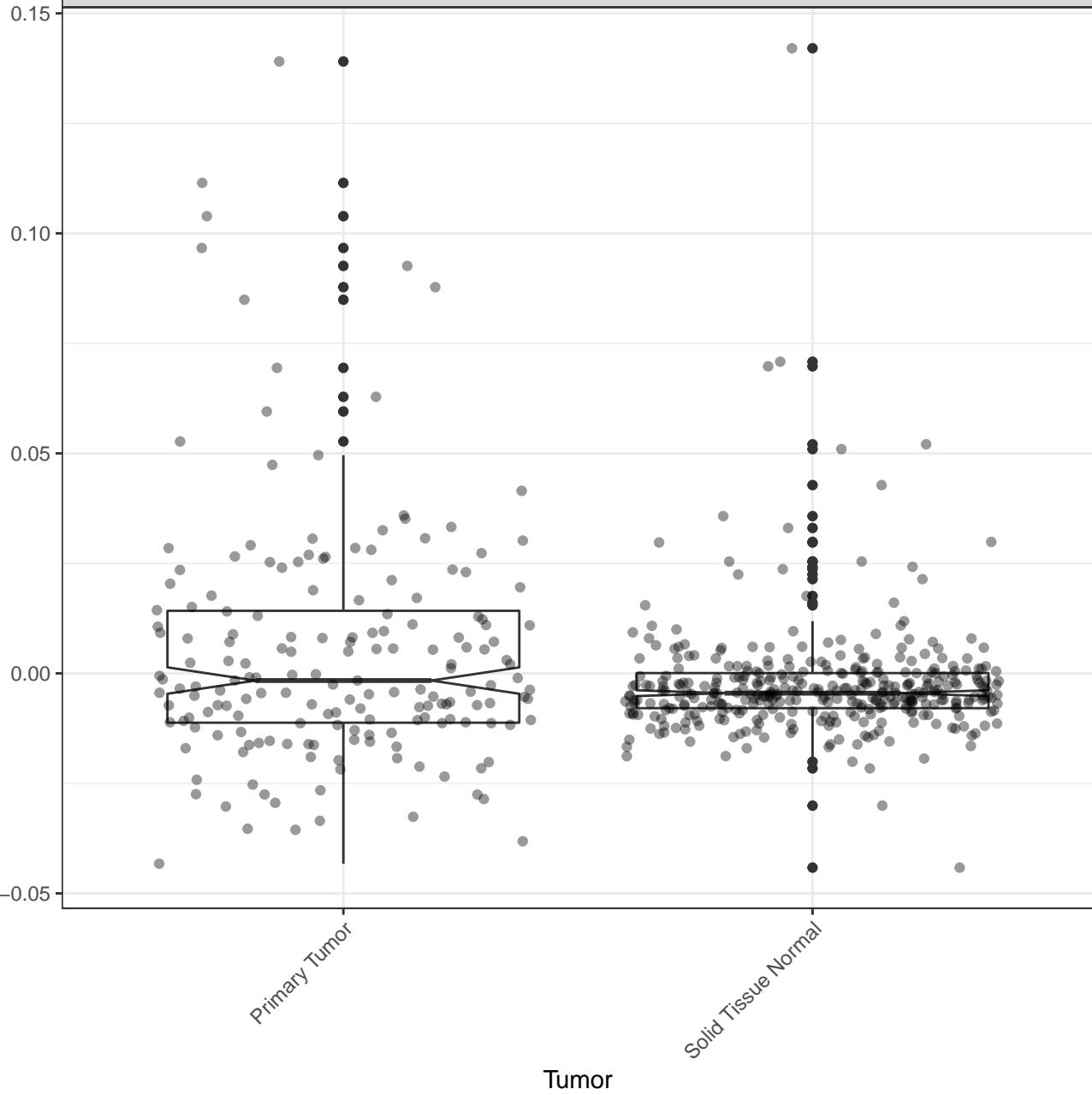
### 59,REACTOME\_LATE\_PHASE\_OF\_HIV\_LIFE\_CYCLE

Value



## 60,IRIS\_NKcell-control

Value



# 61,REACTOME\_METABOLISM\_OF\_VITAMINS\_AND\_COFACTORS

Value

0.12

0.08

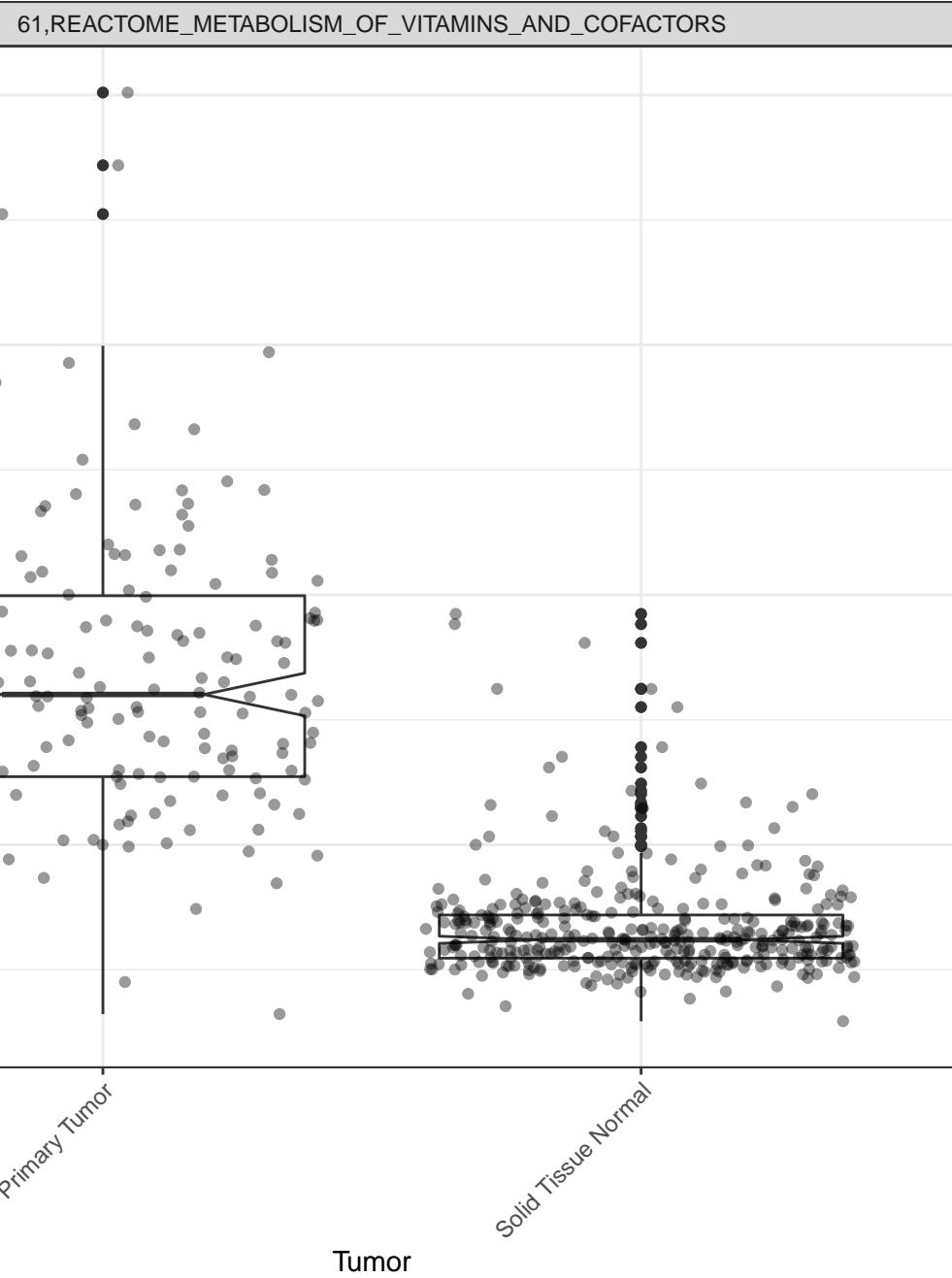
0.04

0.00

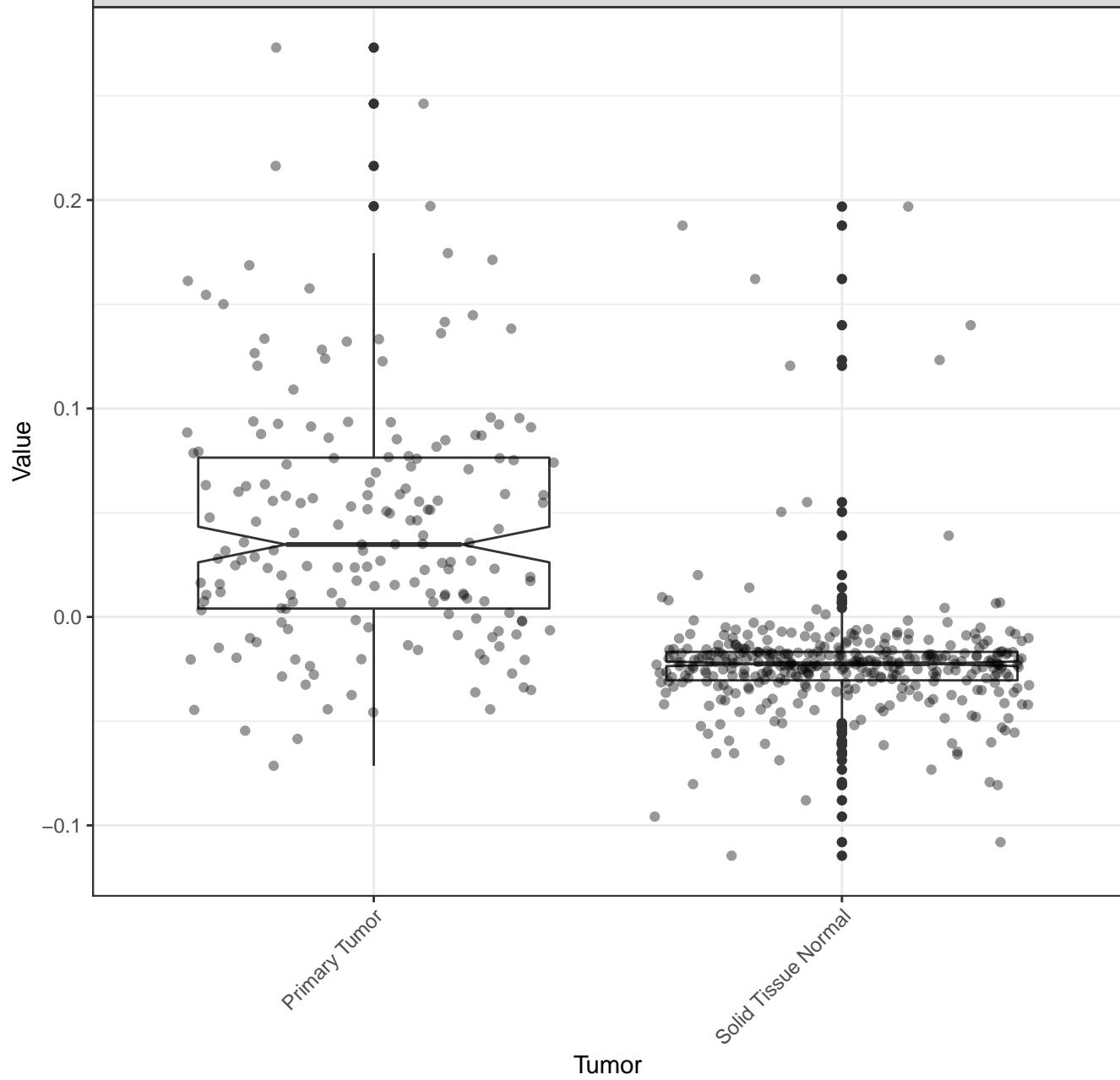
Primary Tumor

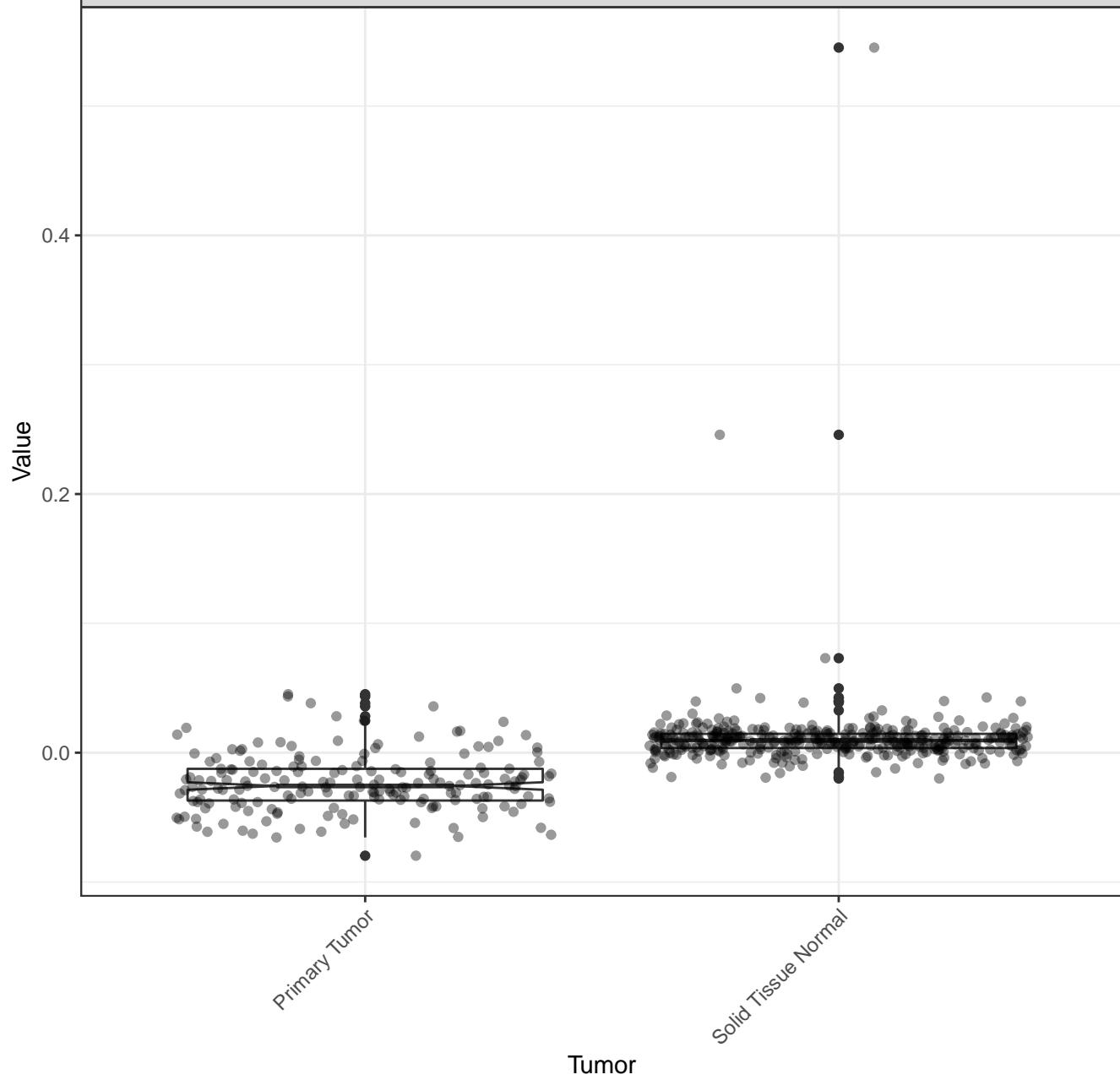
Tumor

Solid Tissue Normal

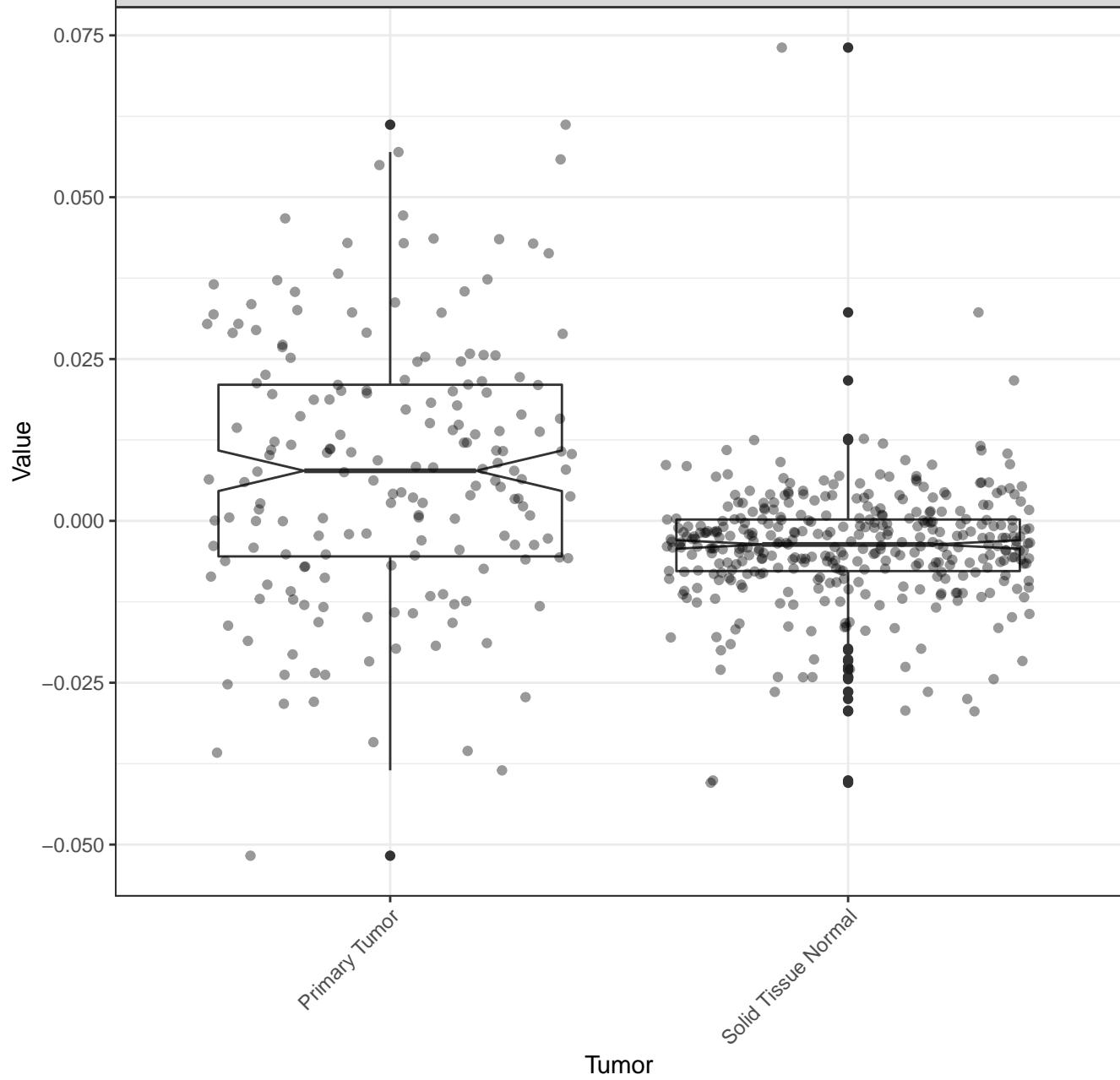


## 62,KEGG\_LYSOSOME



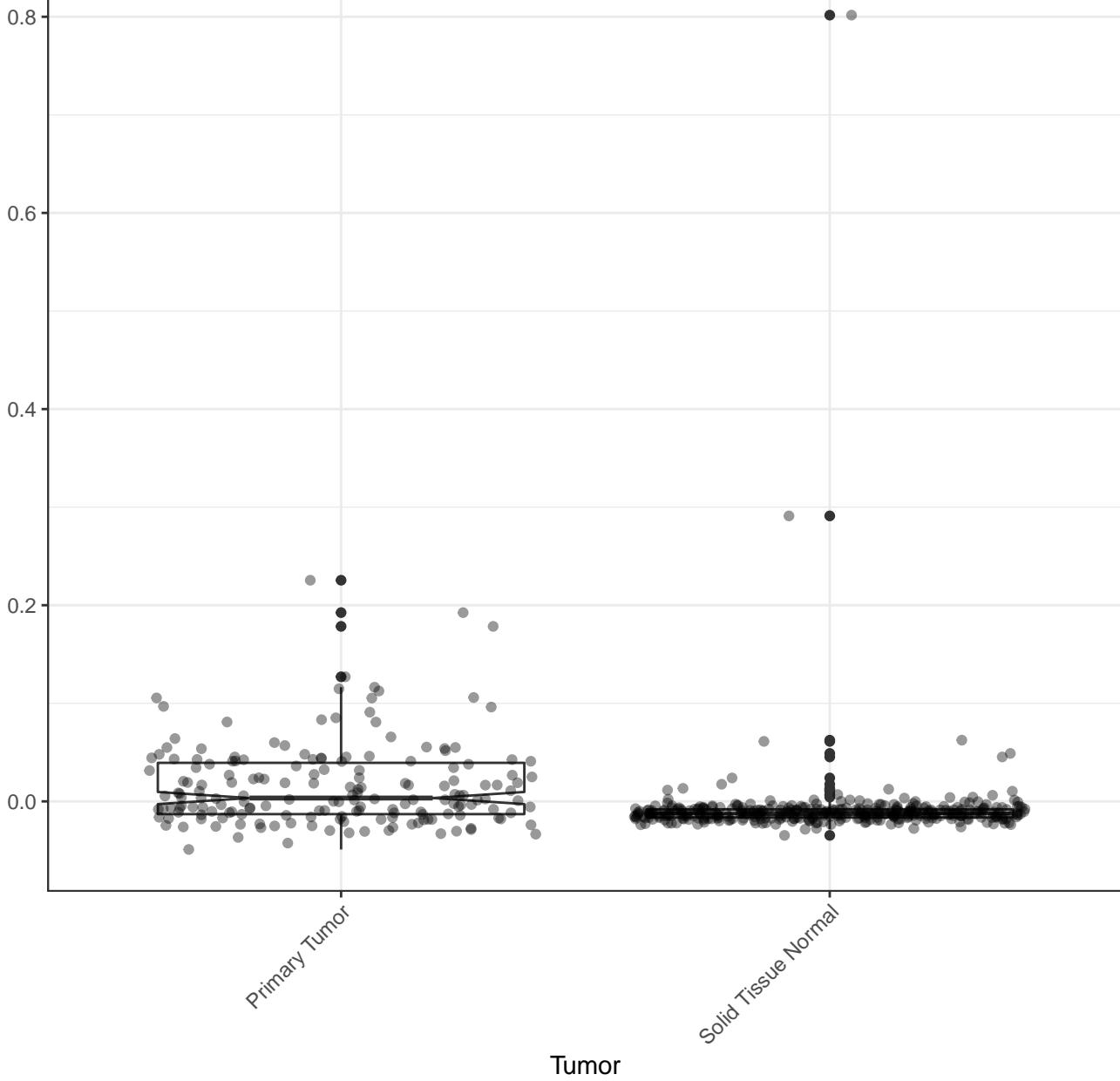


## 64,DMAP\_DENDA2

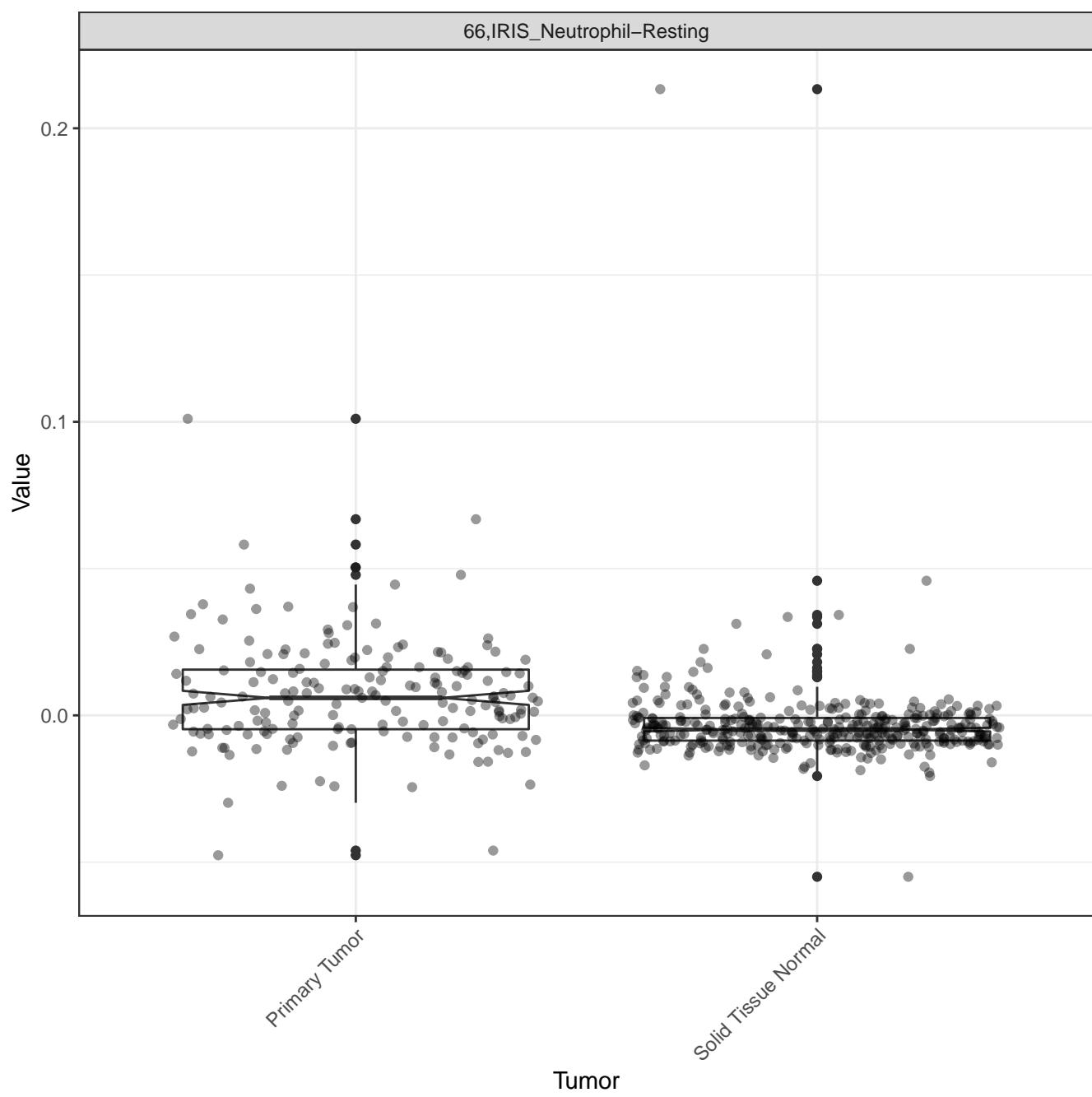


65,SVM NK cells resting

Value



## 66,IRIS\_Neutrophil–Resting



# 67,REACTOME\_COLLAGEN\_FORMATION

Value

0.2

0.1

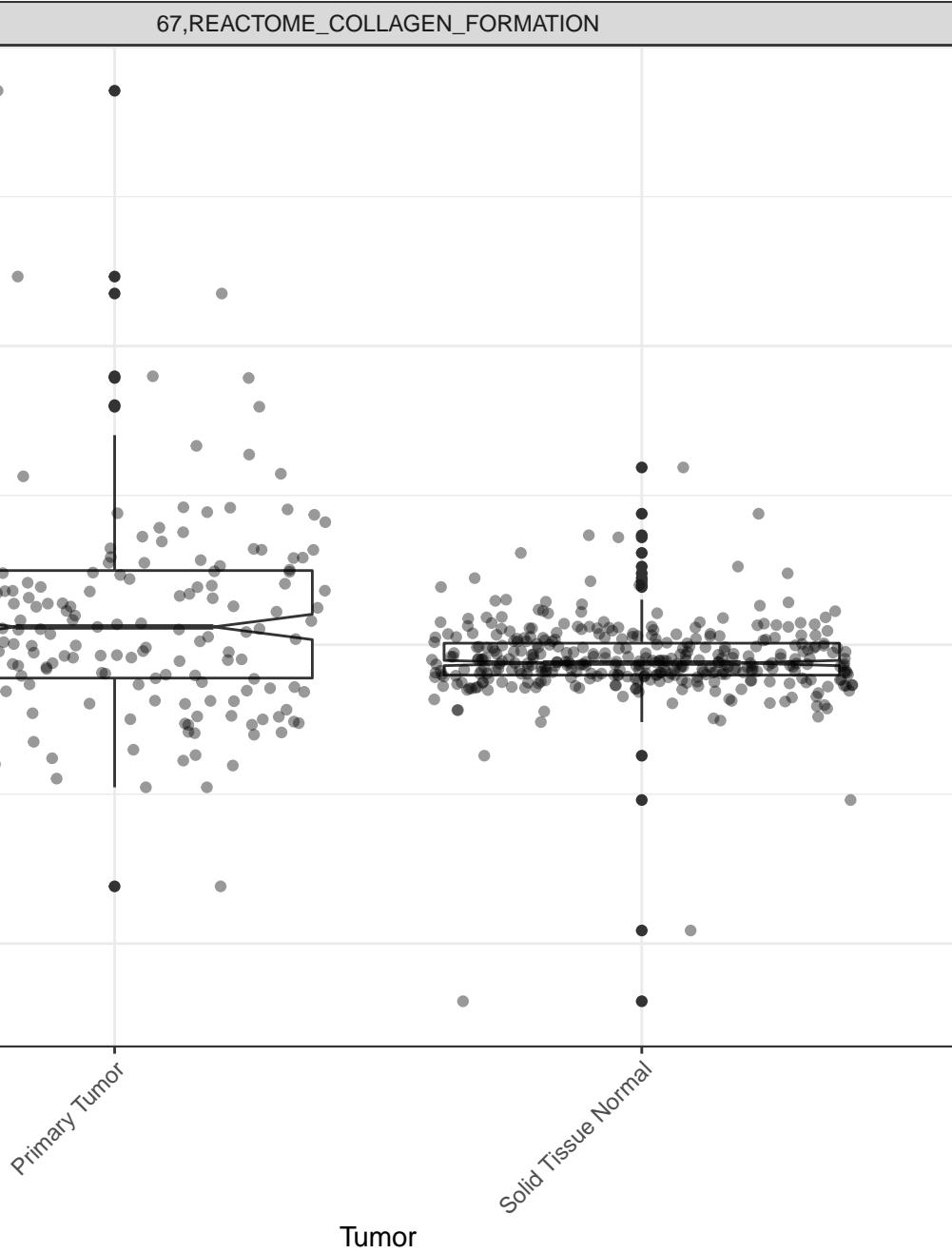
0.0

-0.1

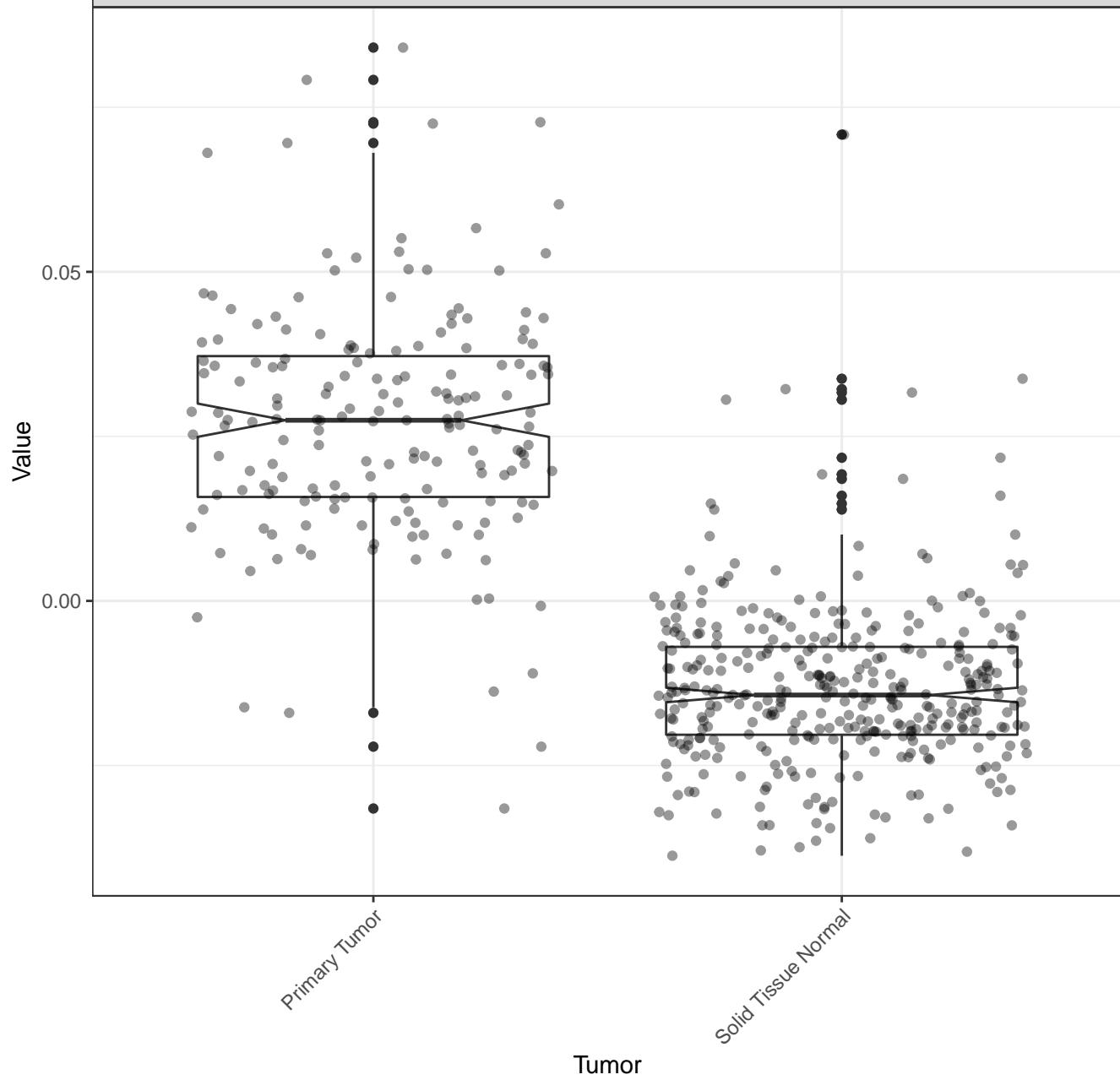
Primary Tumor

Tumor

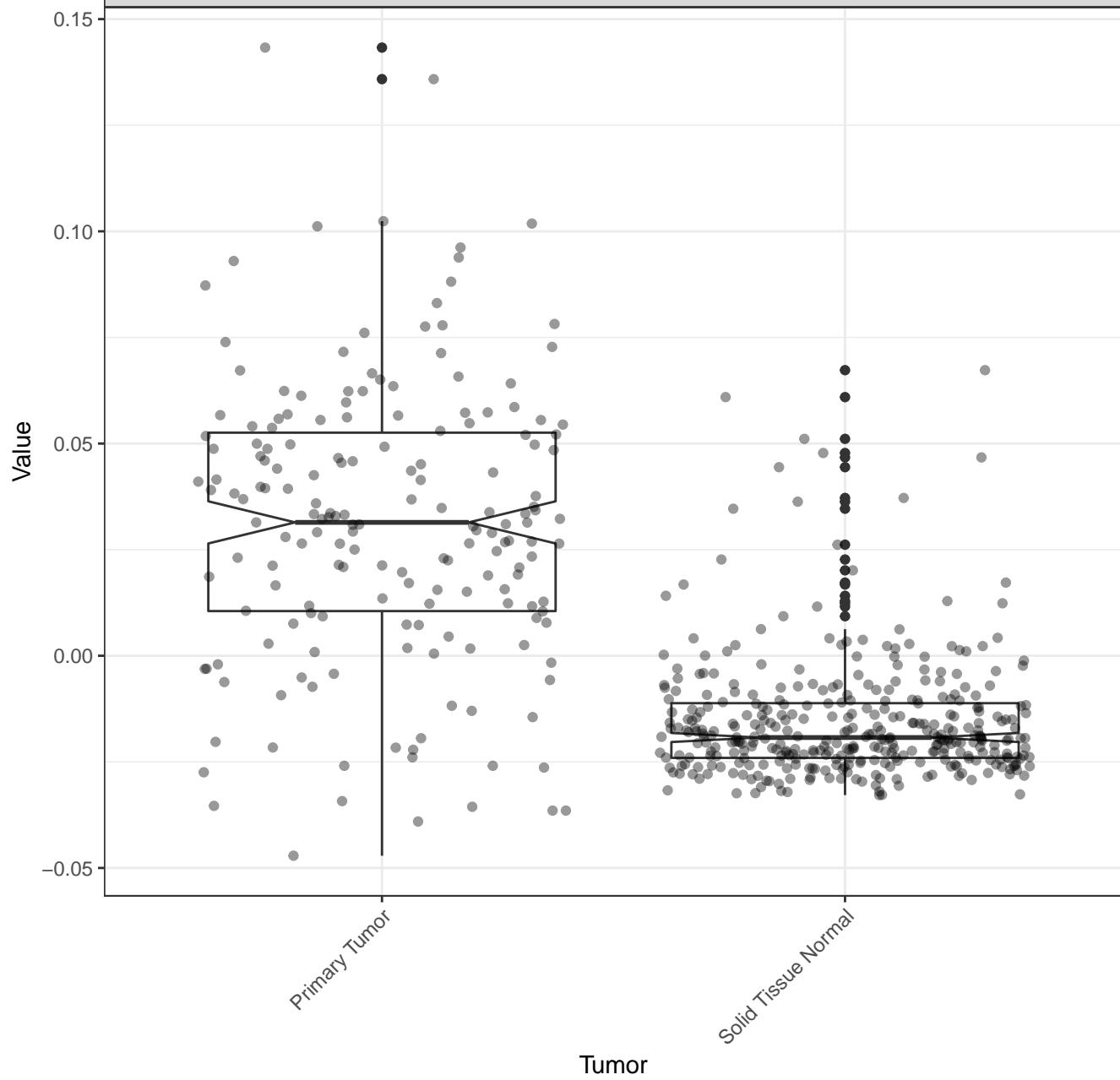
Solid Tissue Normal



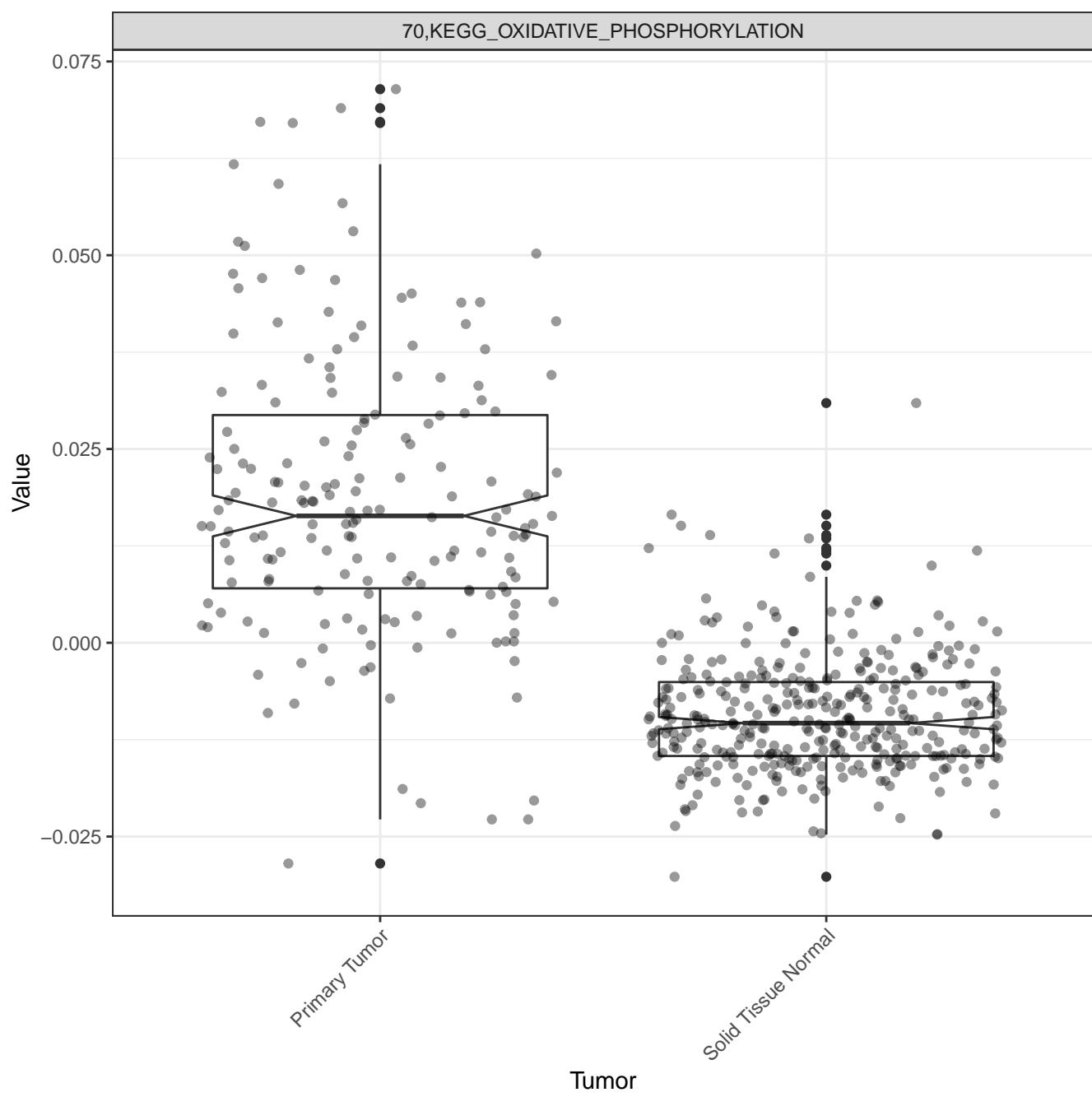
## 68,REACTOME\_RESPIRATORY\_ELECTRON\_TRANSPORT



## 69,PID\_EPHBFWDPATHWAY



### 70,KEGG\_OXIDATIVE\_PHOSPHORYLATION



# 71,SIG\_PIP3\_SIGNALING\_IN\_CARDIAC\_MYOCTES

Value

0.08

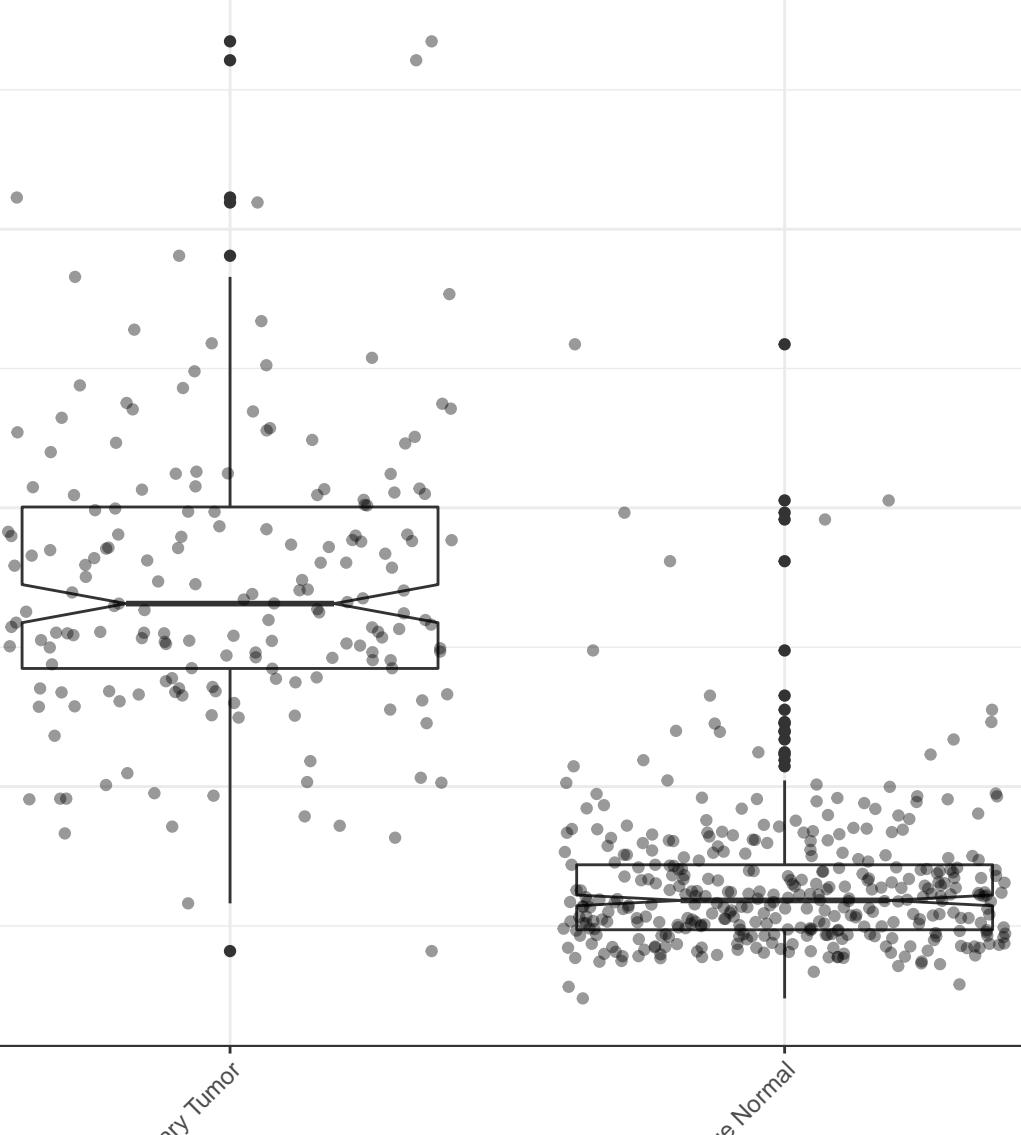
0.04

0.00

Primary Tumor

Solid Tissue Normal

Tumor



## 72,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value

0.1

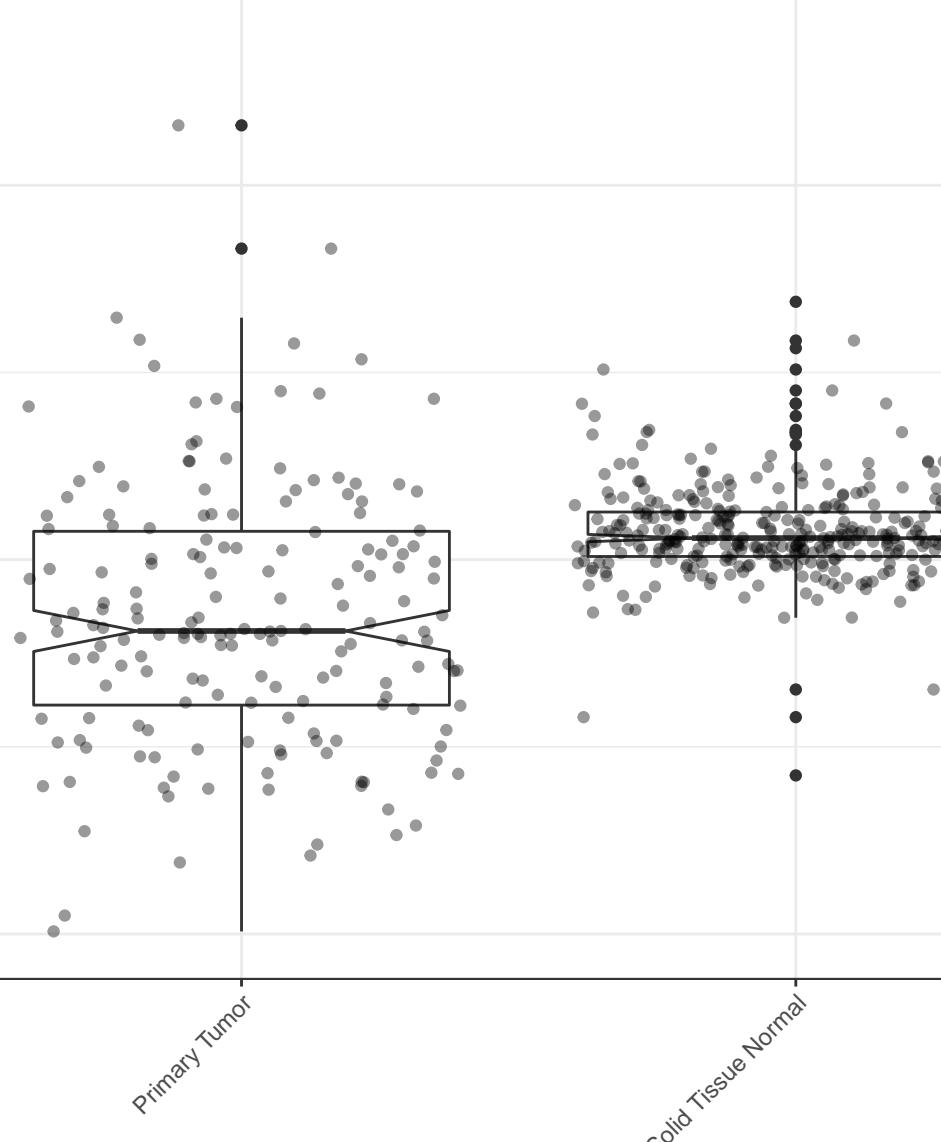
0.0

-0.1

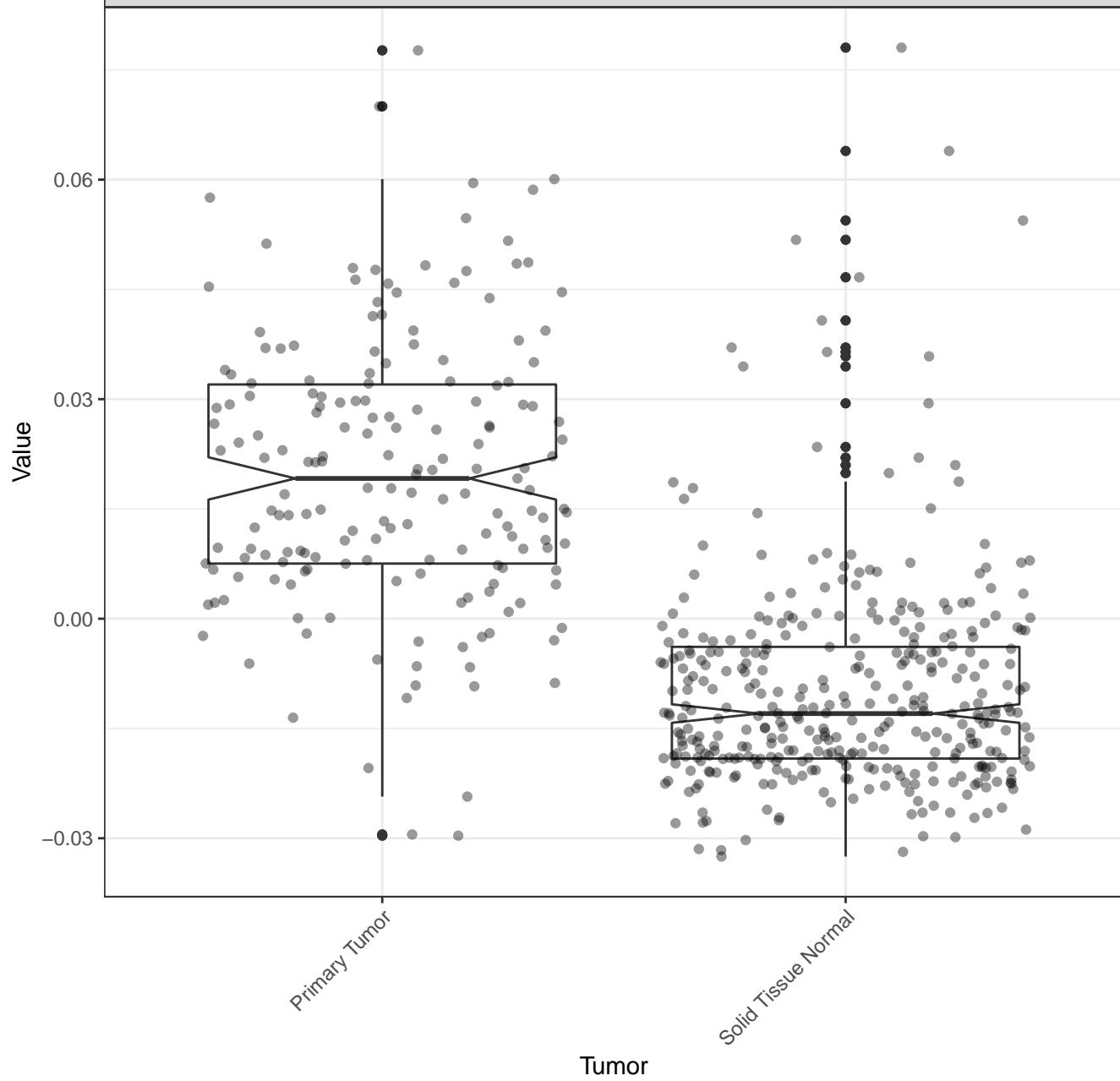
Primary Tumor

Tumor

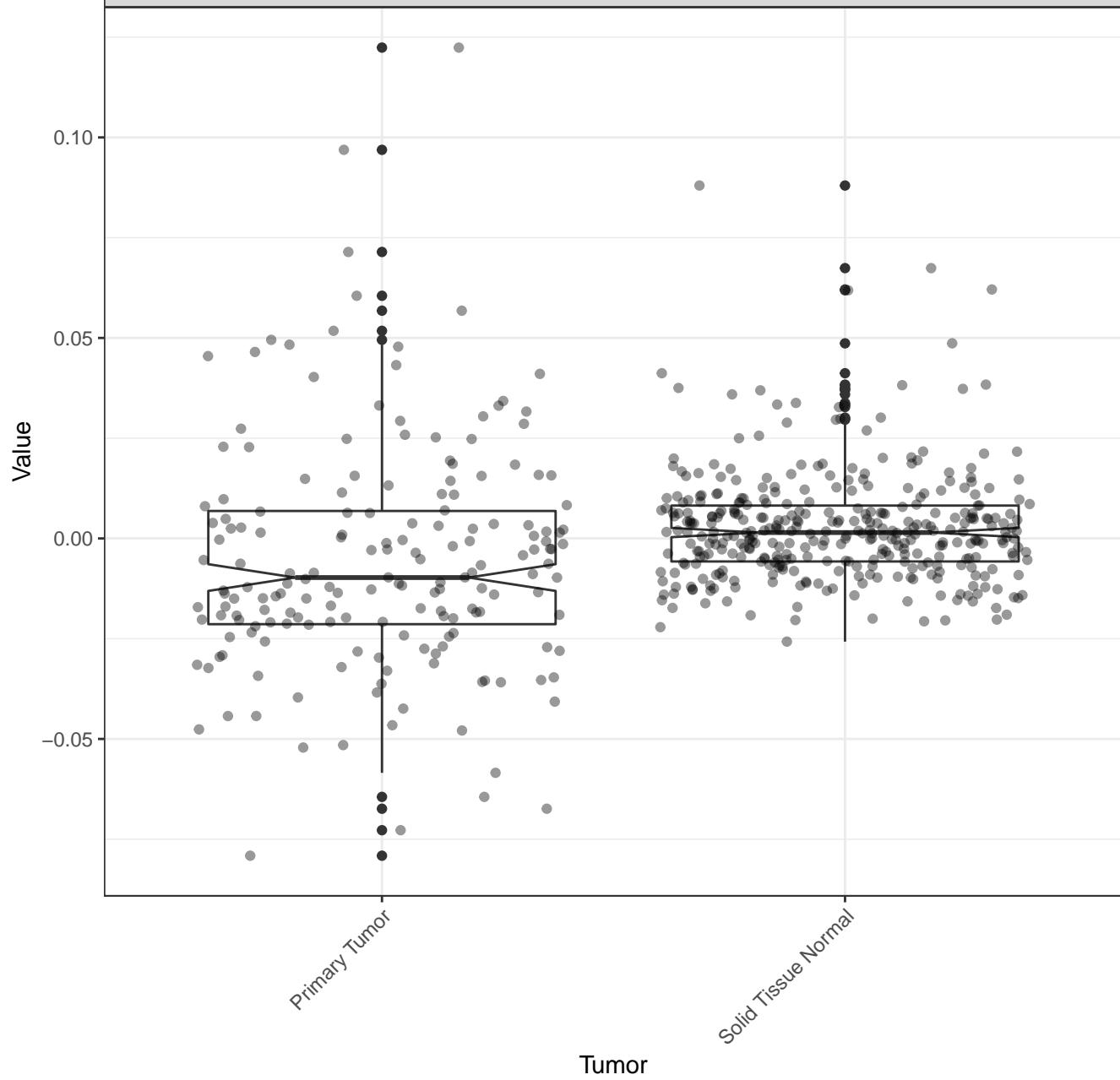
Solid Tissue Normal



### 73,REACTOME\_GLYCEROPHOSPHOLIPID BIOSYNTHESIS

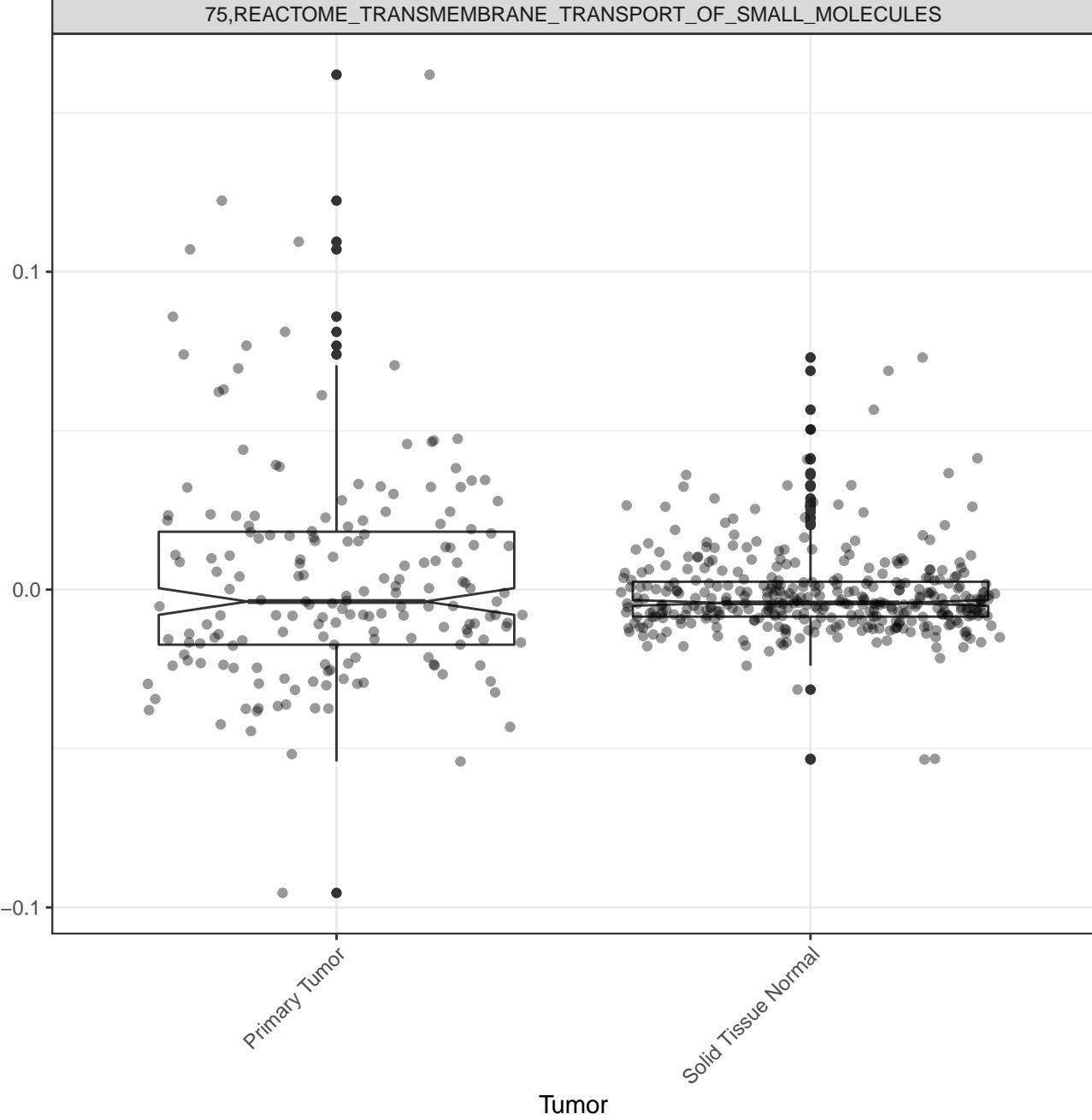


### 74,KEGG\_NOTCH\_SIGNALING\_PATHWAY

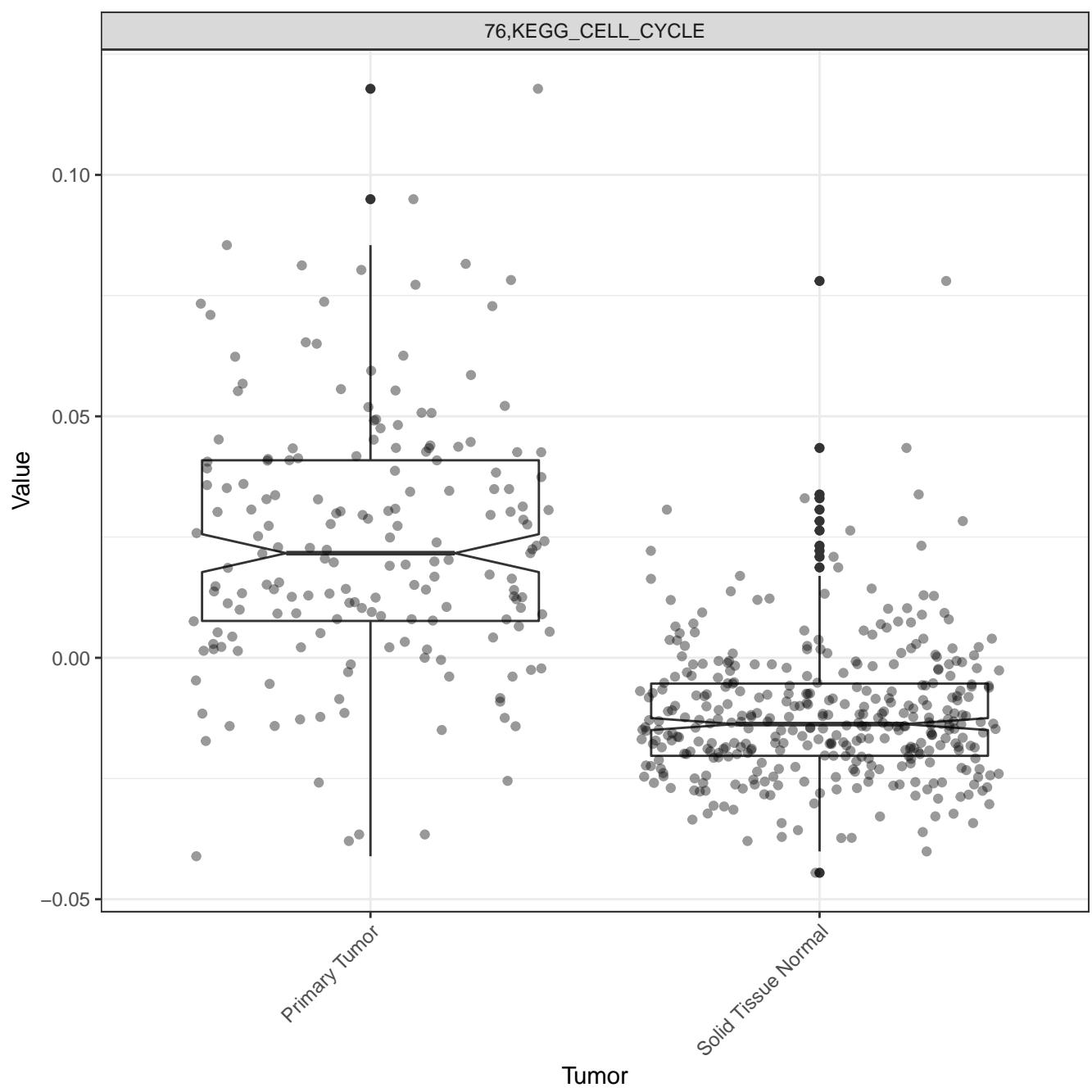


# 75,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value



## 76,KEGG\_CELL\_CYCLE



### 77,KEGG\_METABOLISM\_OF\_XENOBIOTICS\_BY\_CYTOCHROME\_P450

Value

0.1

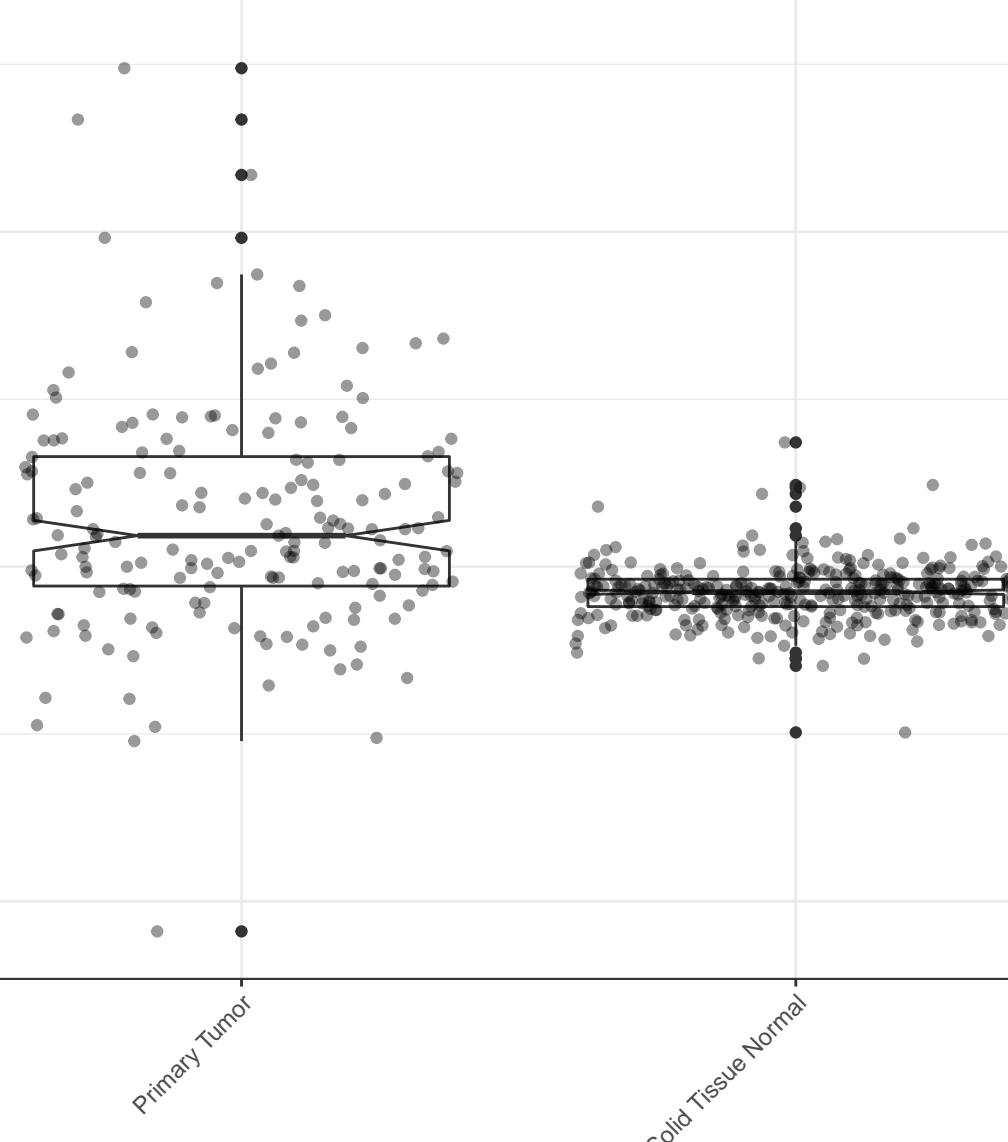
0.0

-0.1

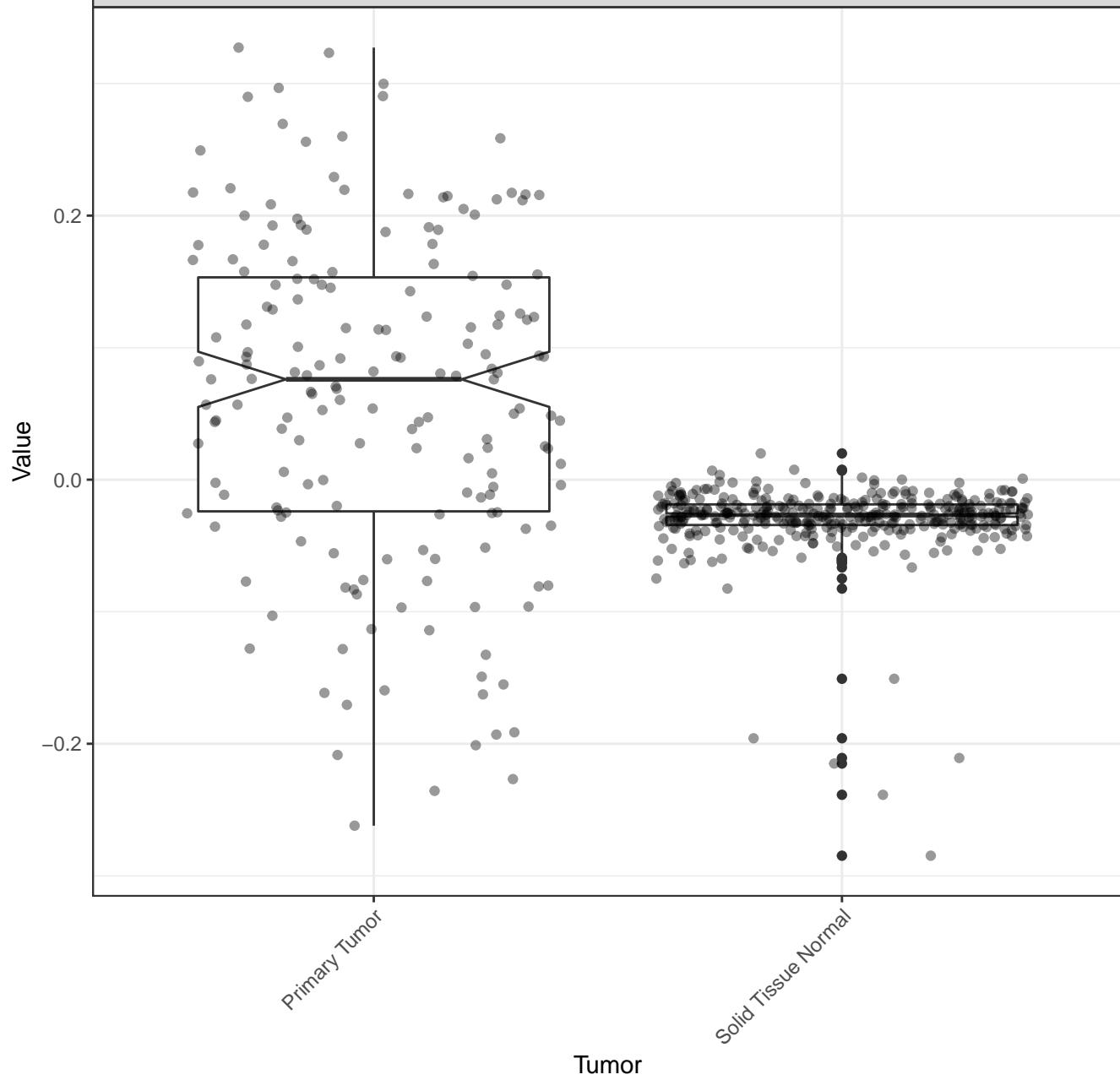
Primary Tumor

Tumor

Solid Tissue Normal

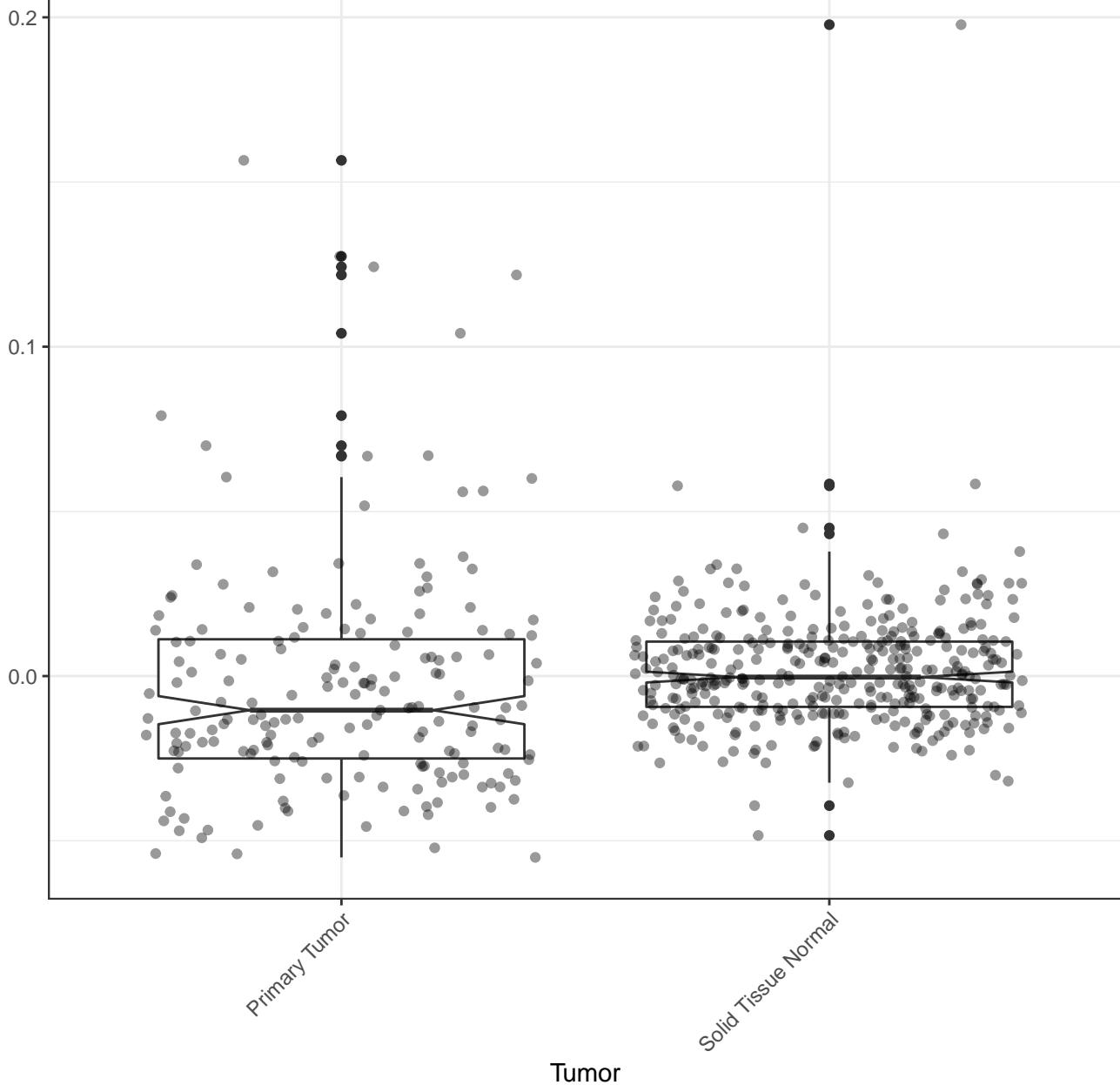


## 78,KEGG\_TIGHT\_JUNCTION

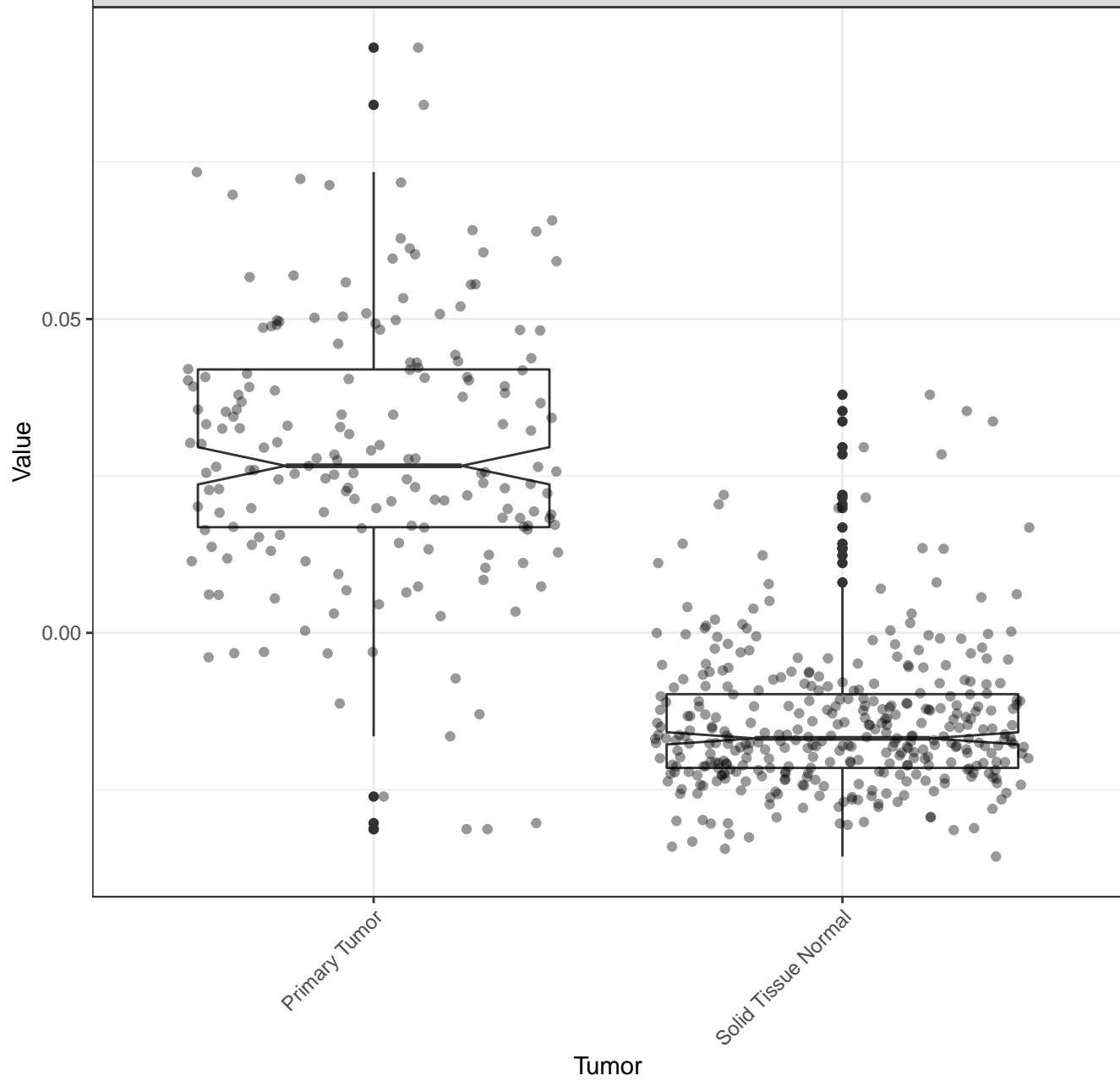


### 79,KEGG\_METABOLISM\_OF\_XENOBIOTICS\_BY\_CYTOCHROME\_P450

Value



# 80,REACTOME\_MEMBRANE\_TRAFFICKING



81,MIPS\_39S\_RIBOSOMAL\_SUBUNIT\_MITOCHONDRIAL

Value

0.15

0.10

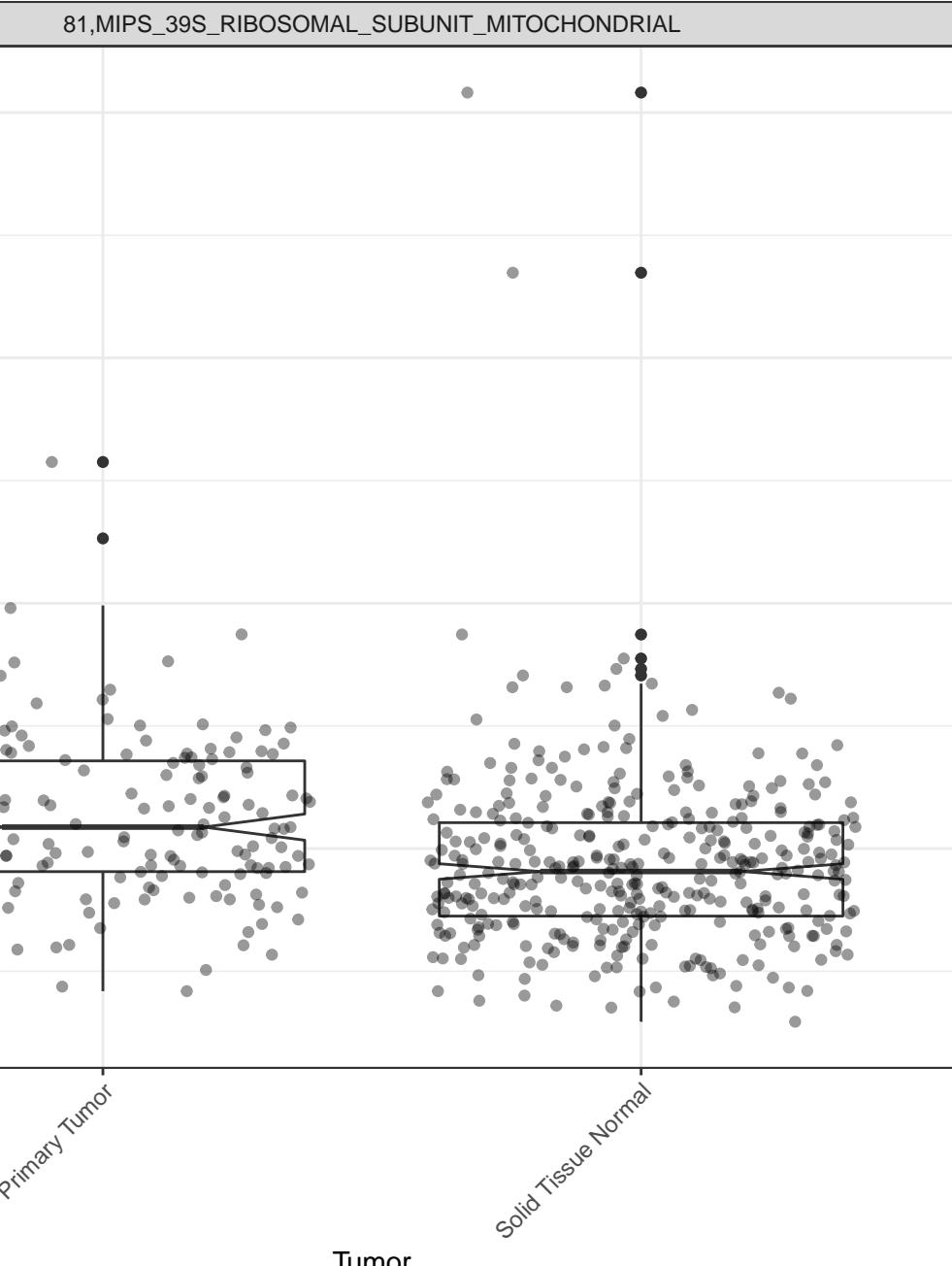
0.05

0.00

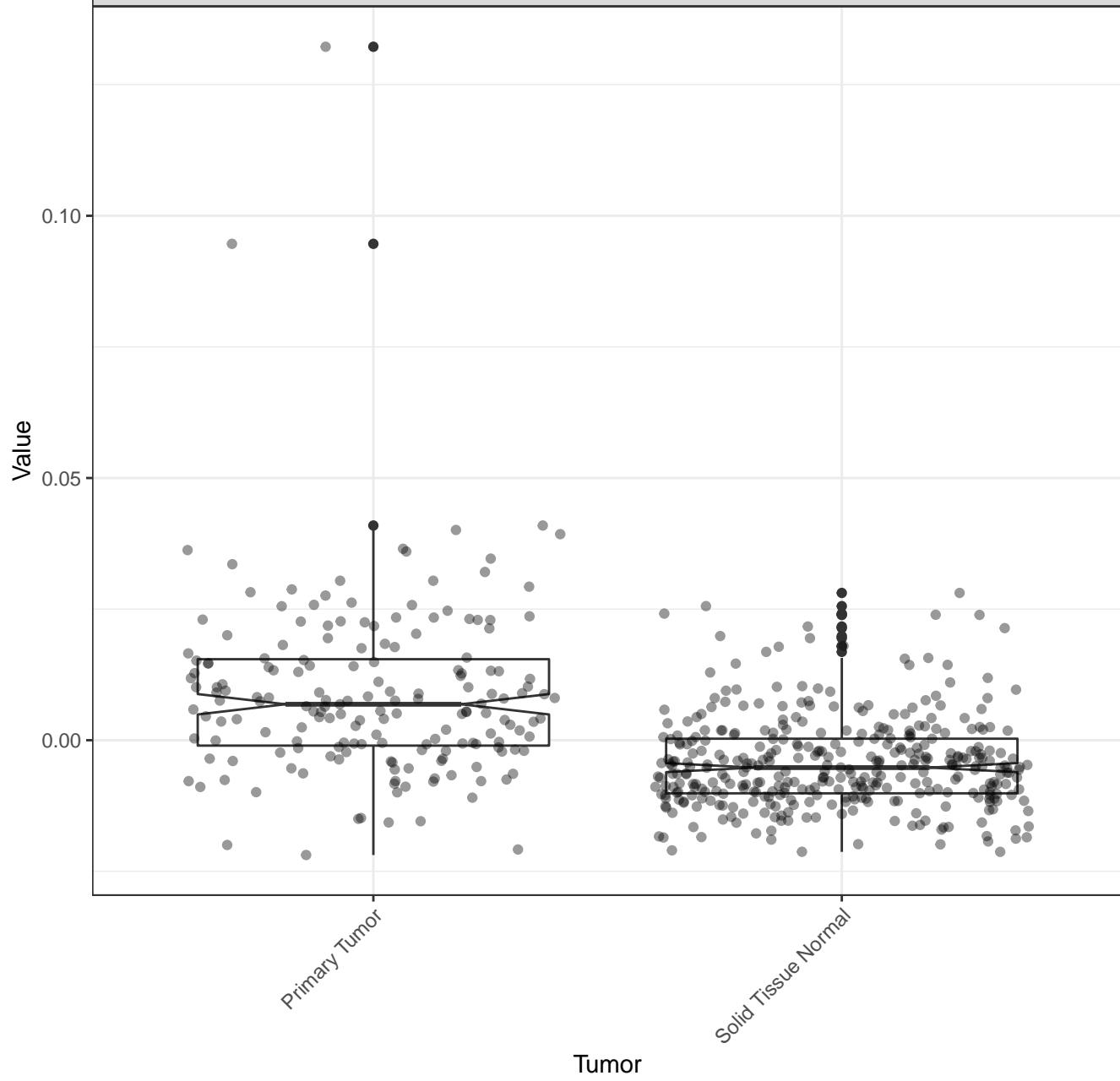
Primary Tumor

Solid Tissue Normal

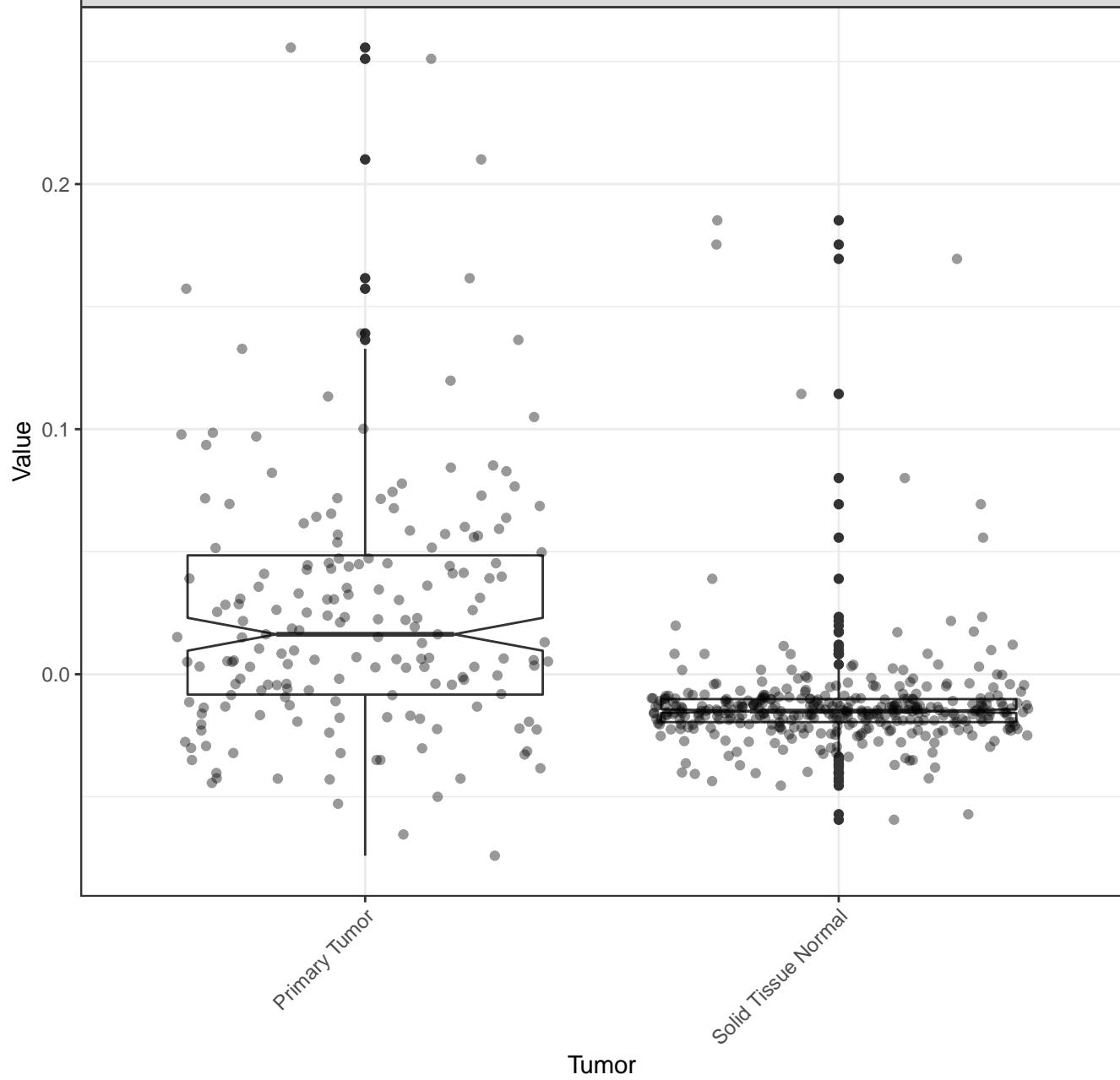
Tumor



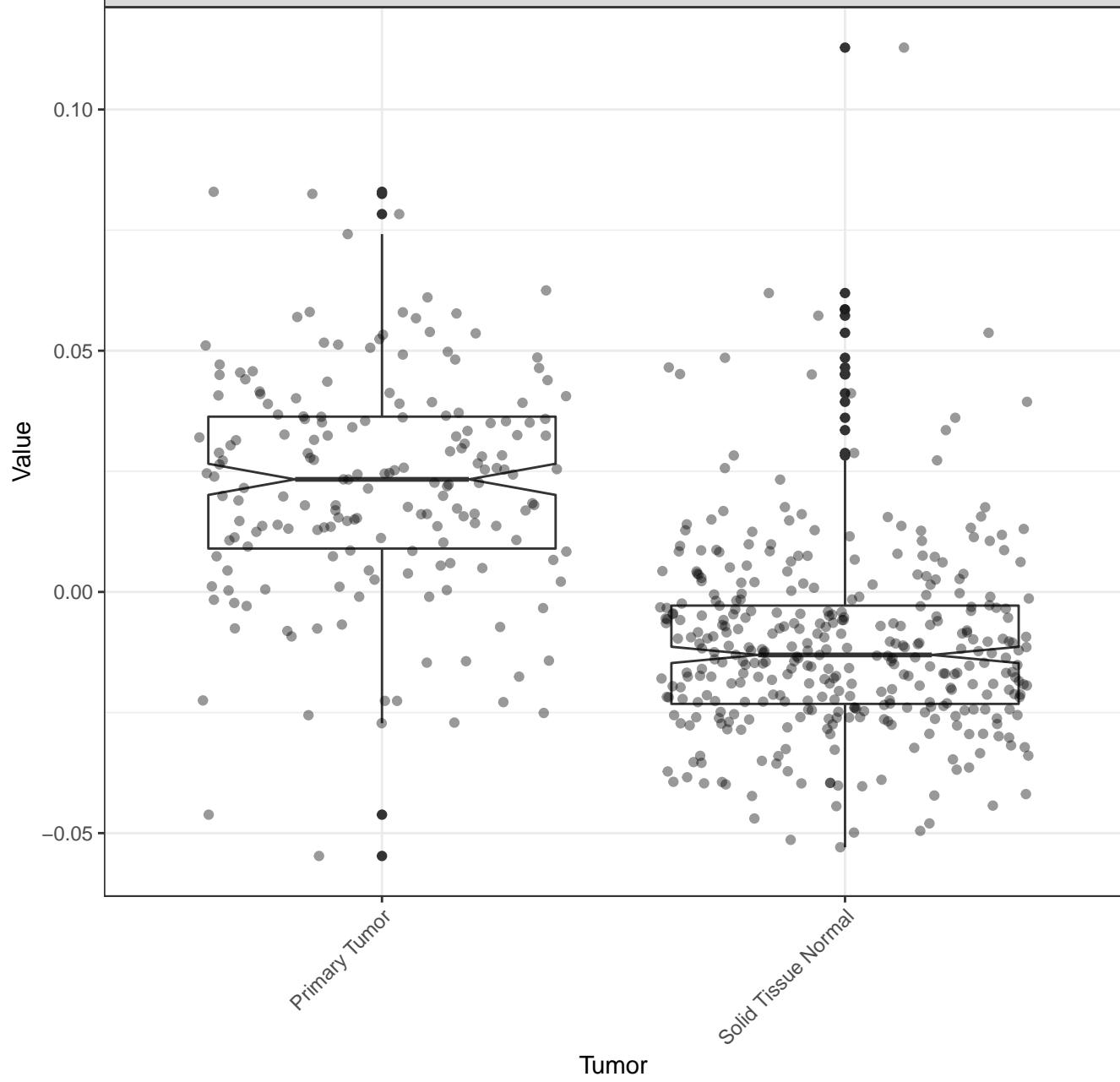
## 82,REACTOME\_METABOLISM\_OF\_RNA



### 83,SVM Monocytes



### 84,REACTOME\_RNA\_POL\_III\_TRANSCRIPTION



# 85,REACTOME\_CLASS\_A1\_RHODOPSIN\_LIKE\_RECEPTEORS

Value

0.10

0.05

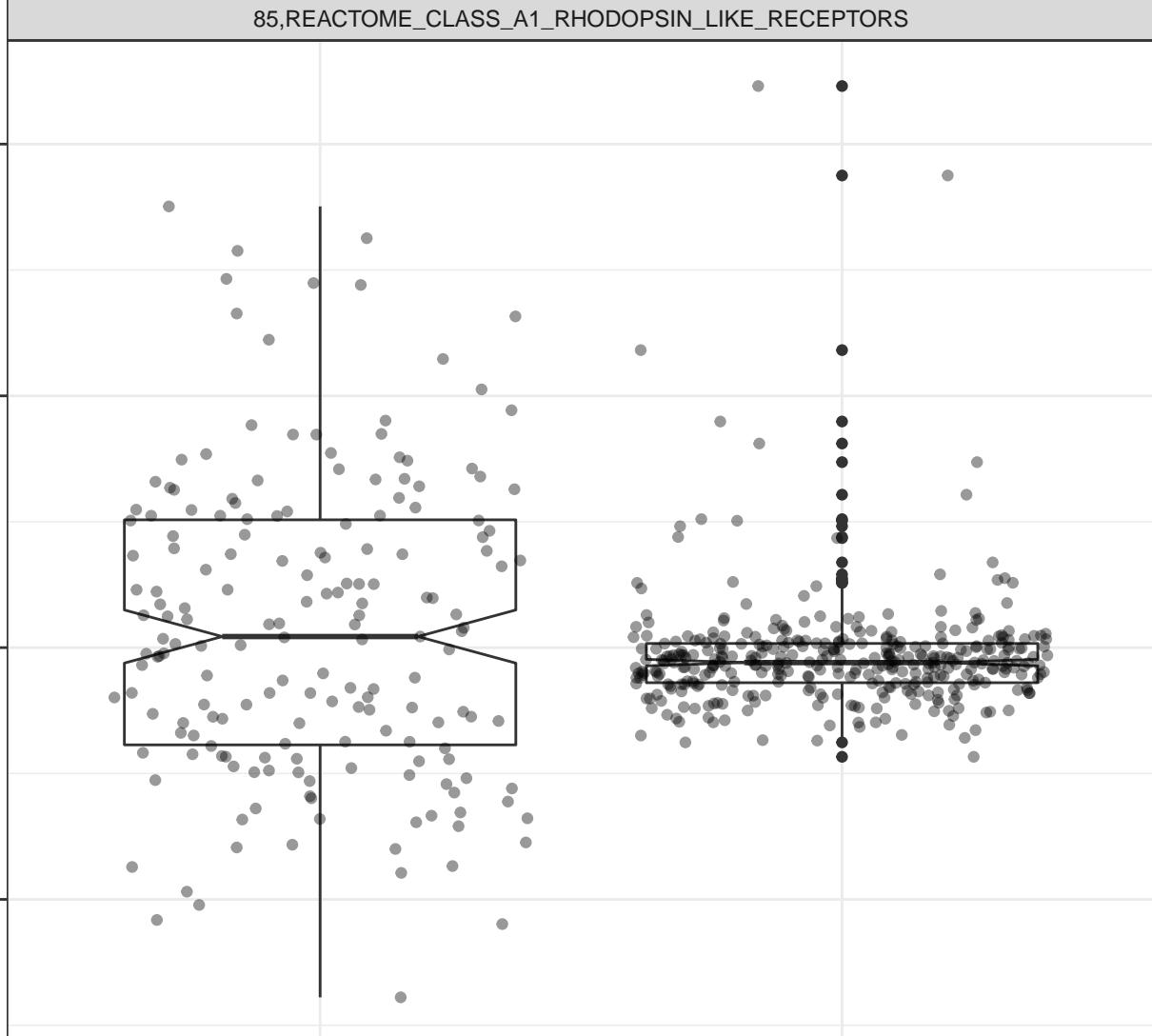
0.00

-0.05

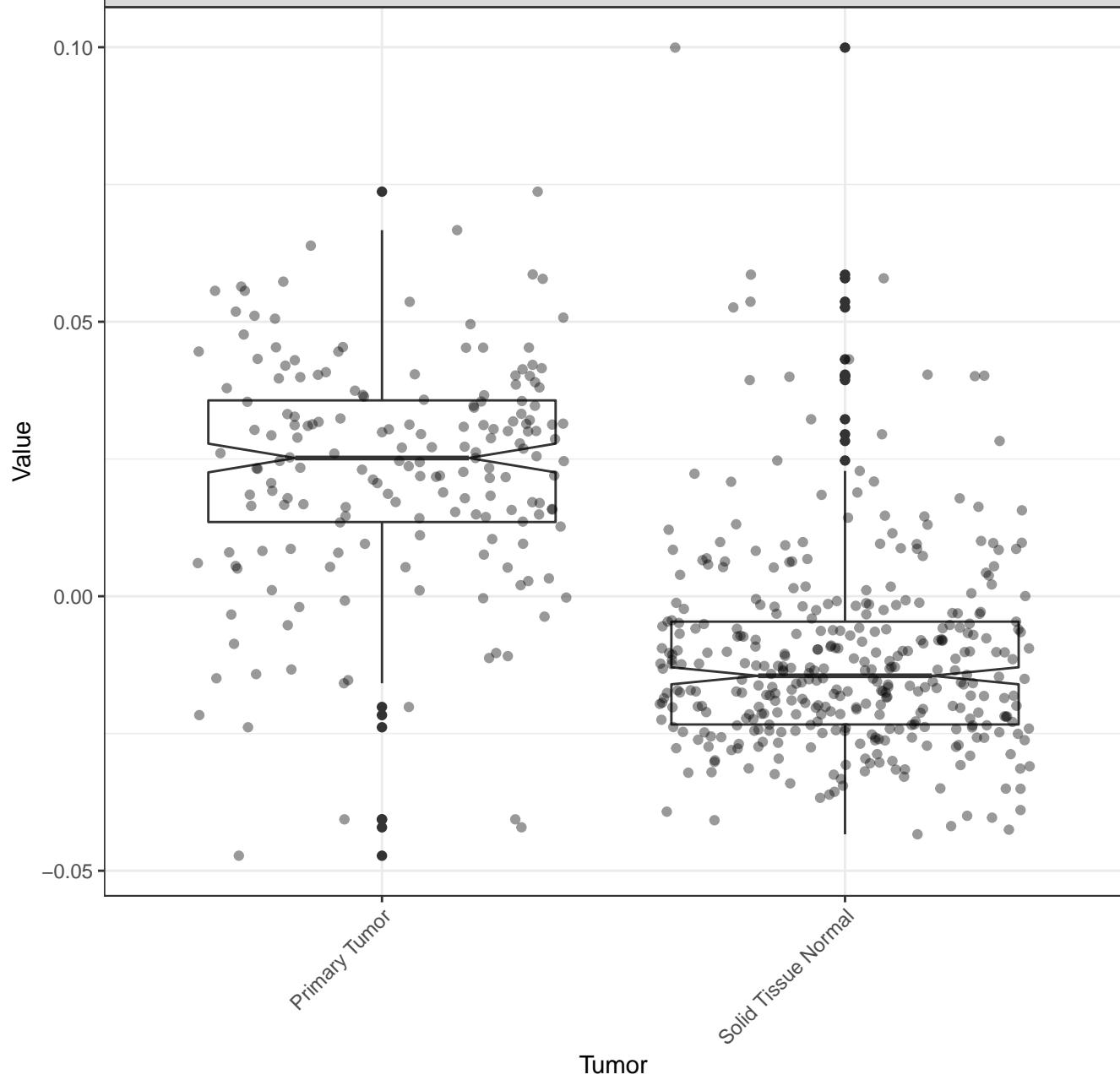
Primary Tumor

Solid Tissue Normal

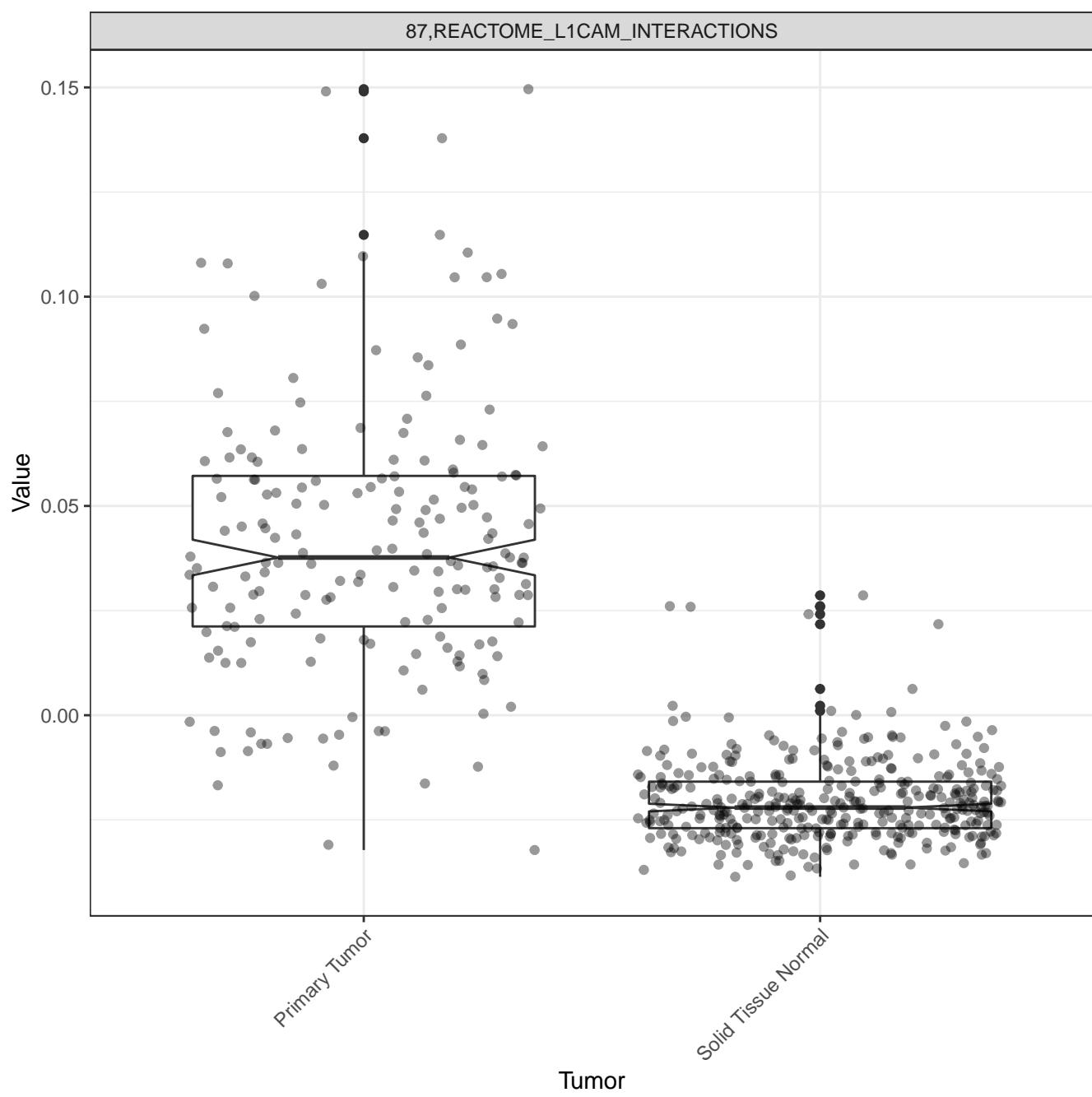
Tumor



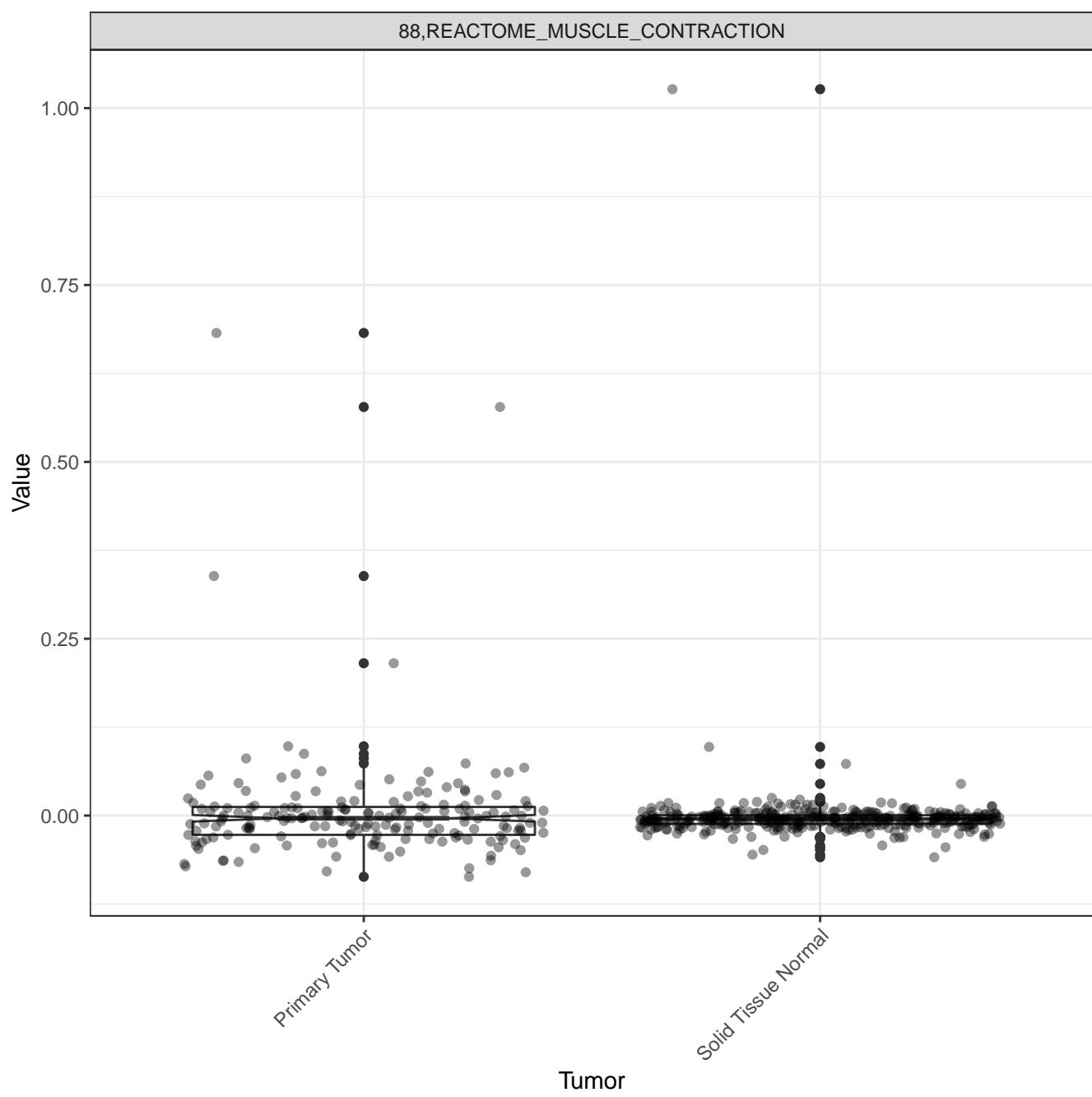
## 86,REACTOME\_RNA\_POL\_II\_PRE\_TRANSCRIPTION\_EVENTS



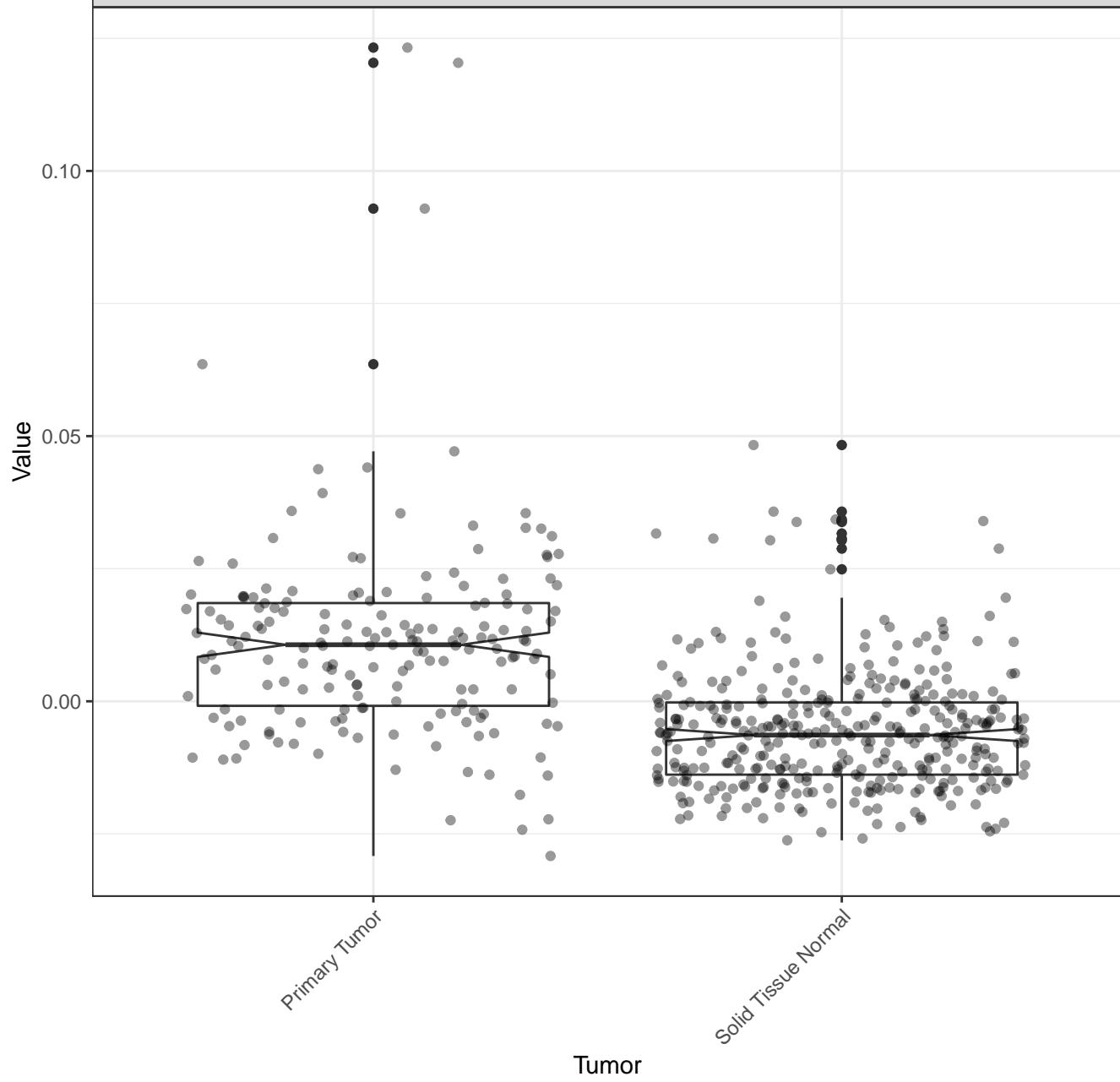
## 87,REACTOME\_L1CAM\_INTERACTIONS



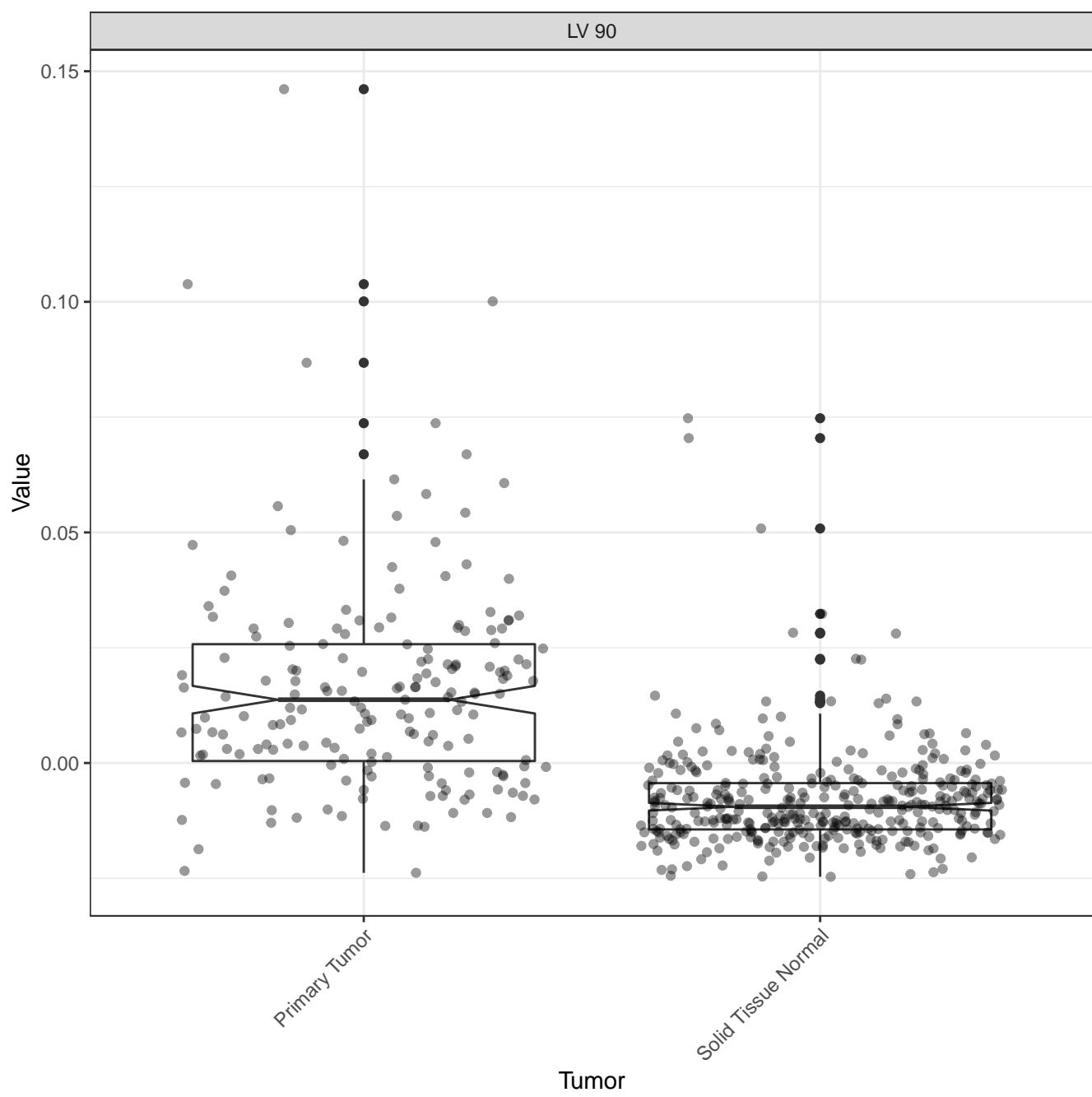
## 88,REACTOME\_MUSCLE\_CONTRACTION



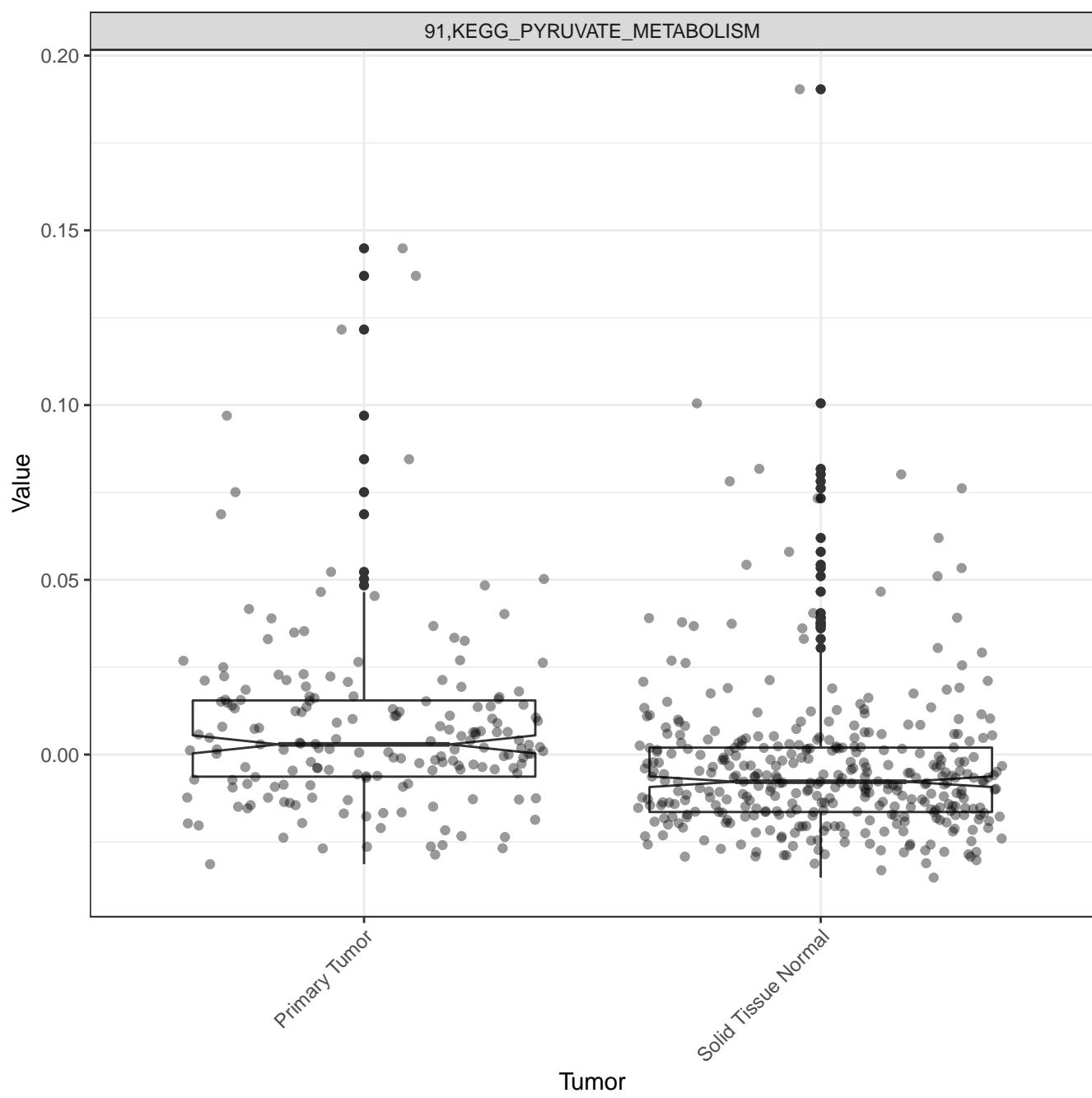
## 89,PID\_BMPPATHWAY



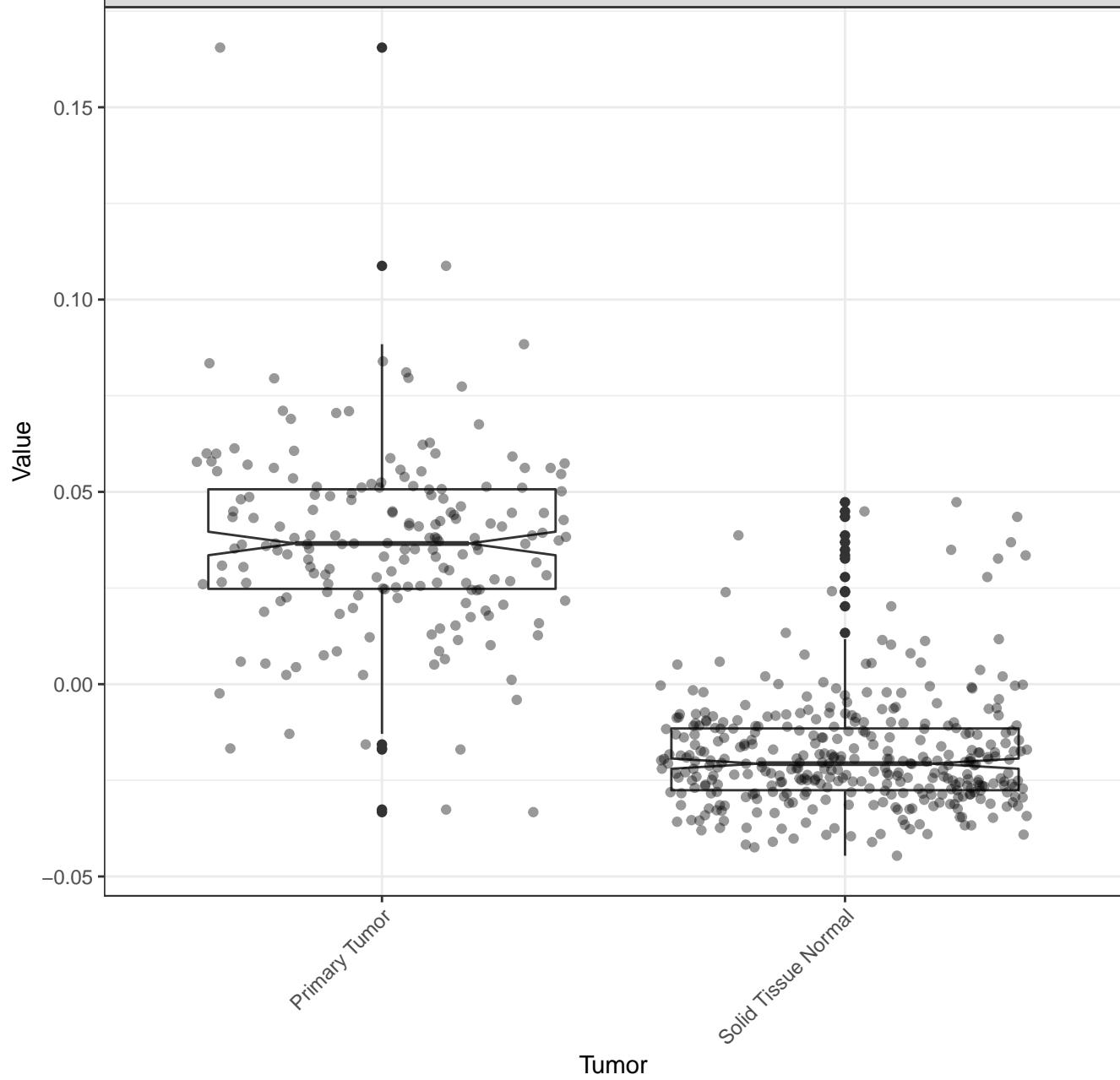
LV 90



## 91,KEGG\_PYRUVATE\_METABOLISM



## 92,REACTOME\_METABOLISM\_OF\_PROTEINS



93,REACTOME\_SR\_P\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE

Value

0.2

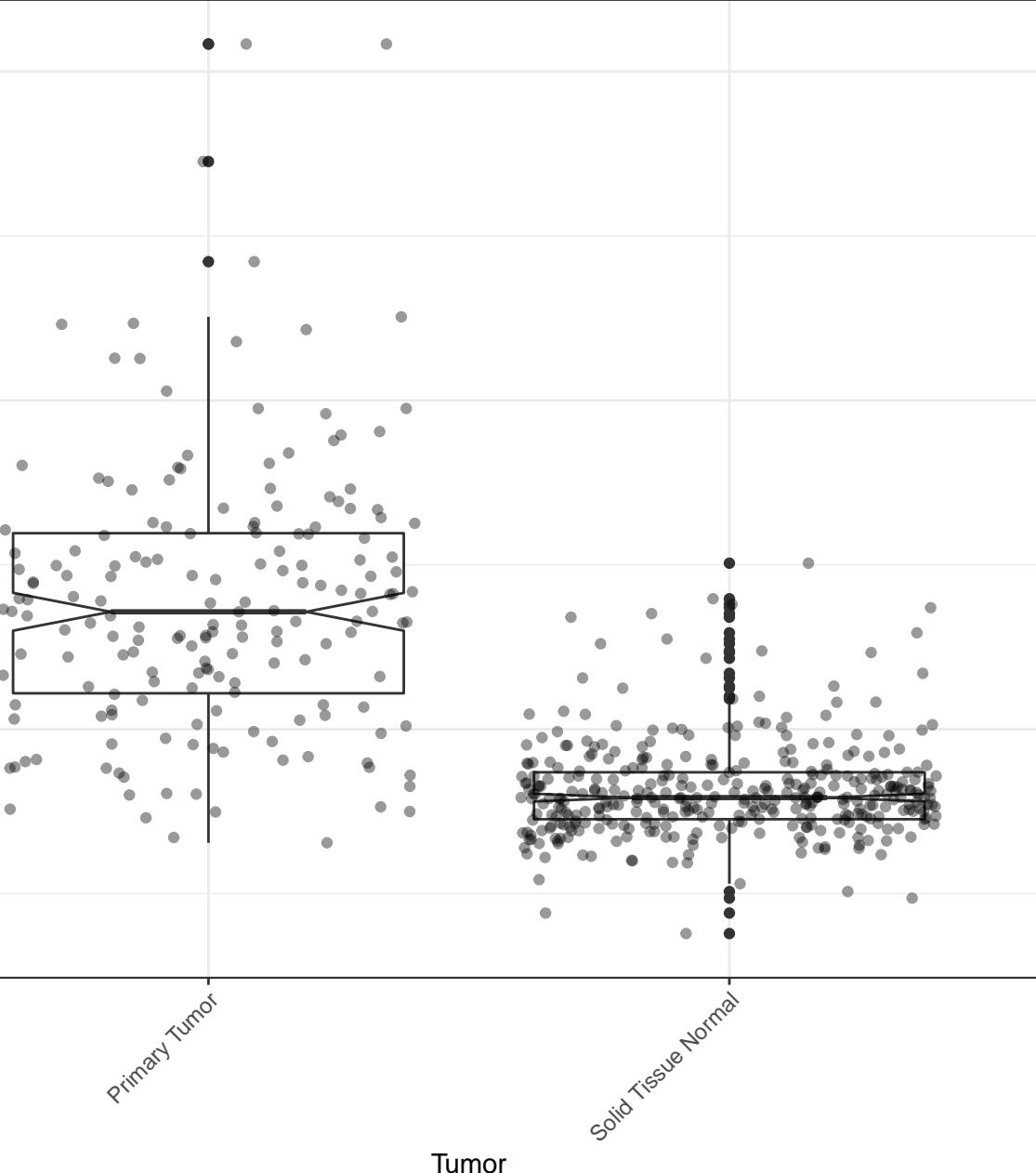
0.1

0.0

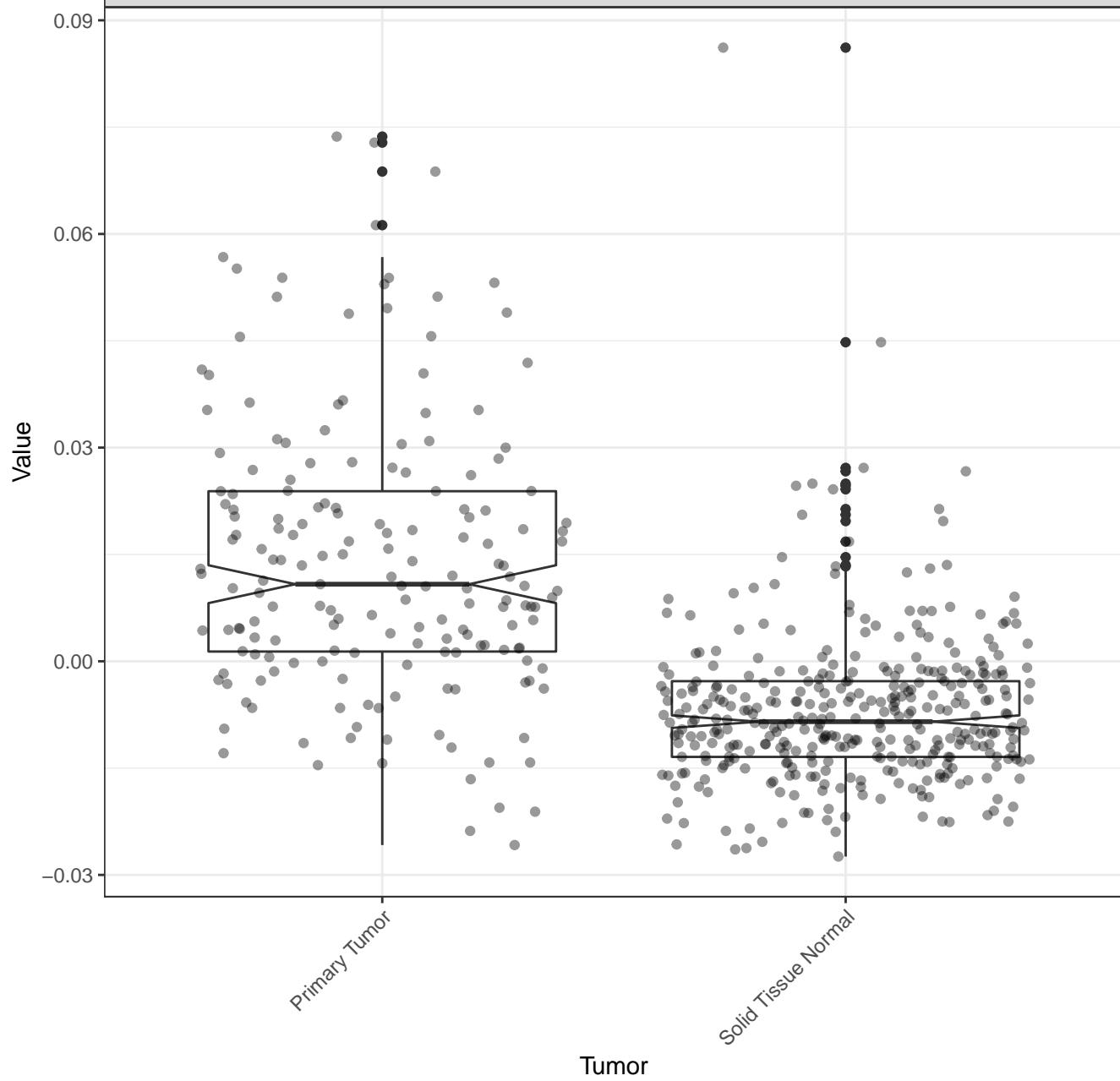
Primary Tumor

Tumor

Solid Tissue Normal



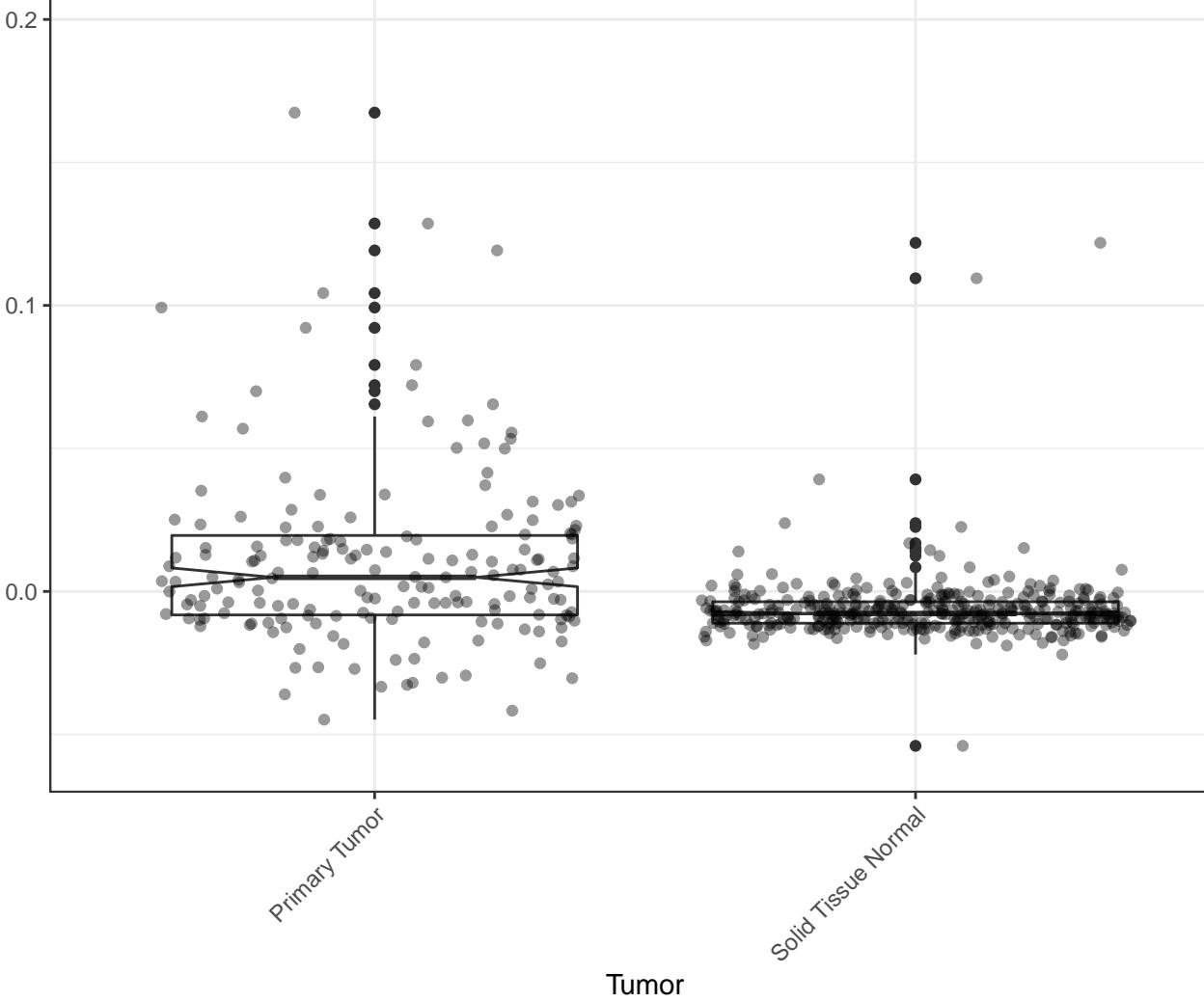
# 94,REACTOME\_MITOTIC\_M\_M\_G1\_PHASES



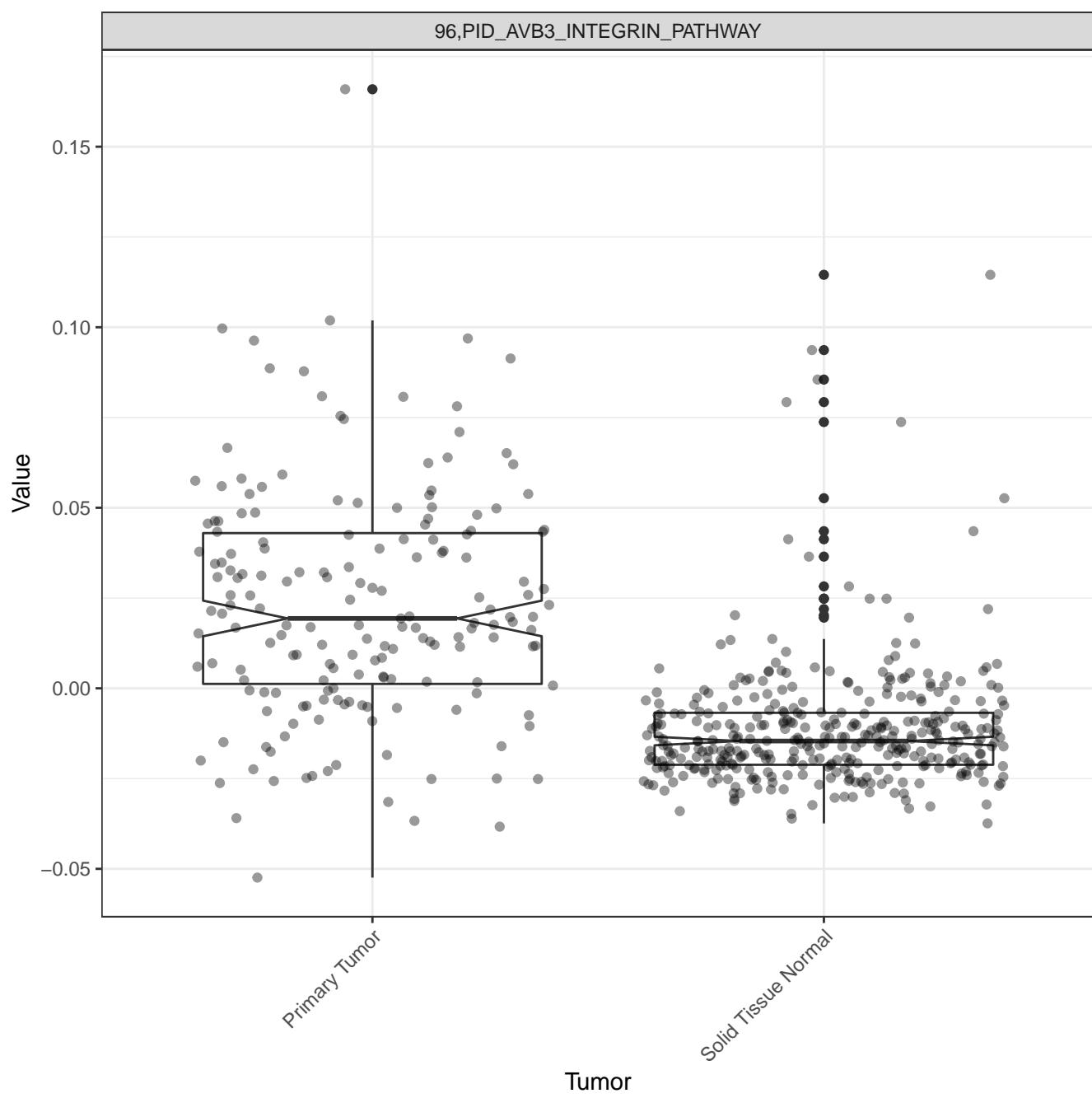
## 95,PID\_DELTA\_NP63\_PATHWAY

Value

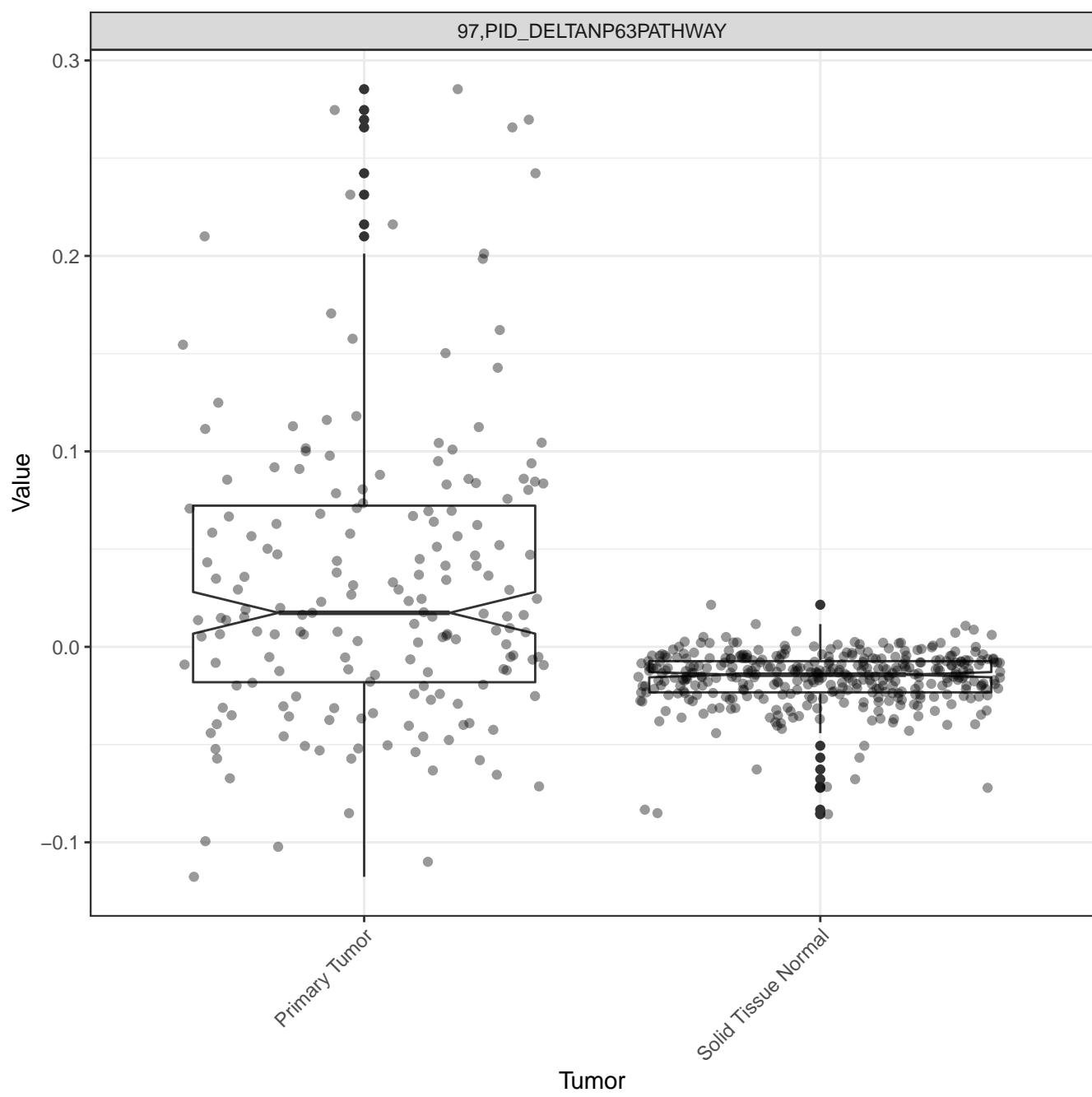
0.0



## 96,PID\_AVB3\_INTEGRIN\_PATHWAY



## 97,PID\_DELTA\_NP63\_PATHWAY



# 98,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS

Value

0.4

0.2

0.0

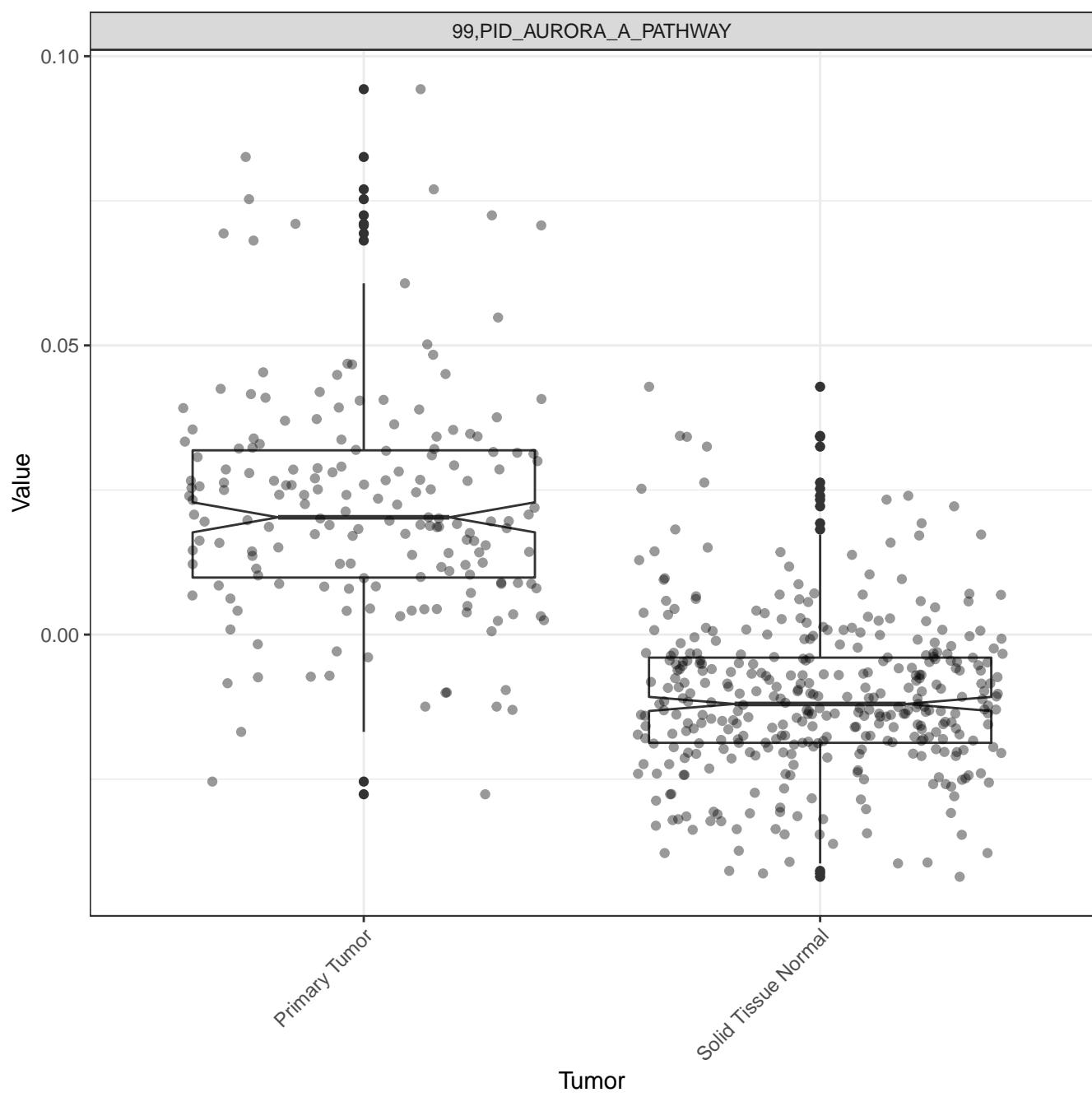
Primary Tumor

Solid Tissue Normal

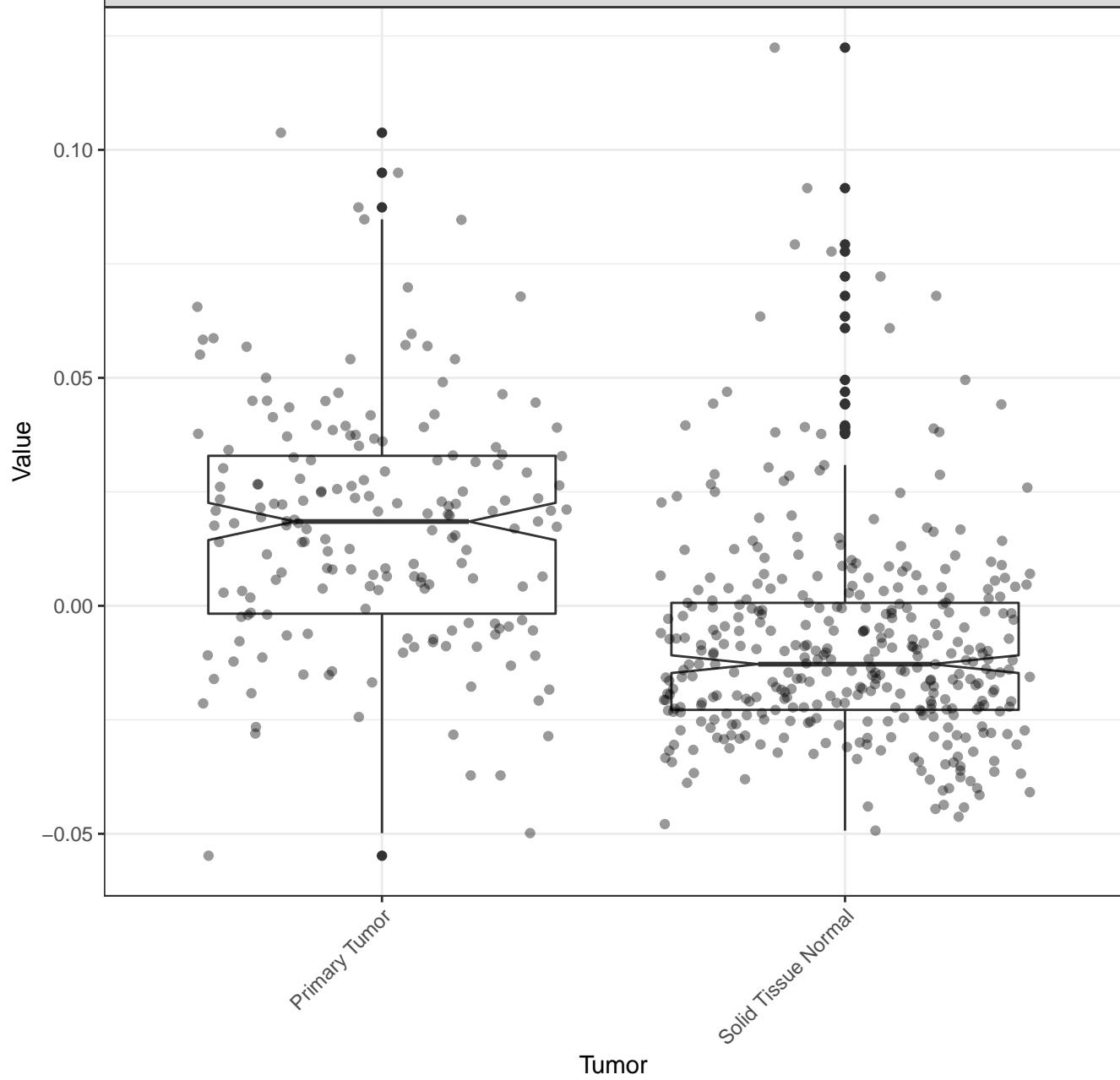
Tumor



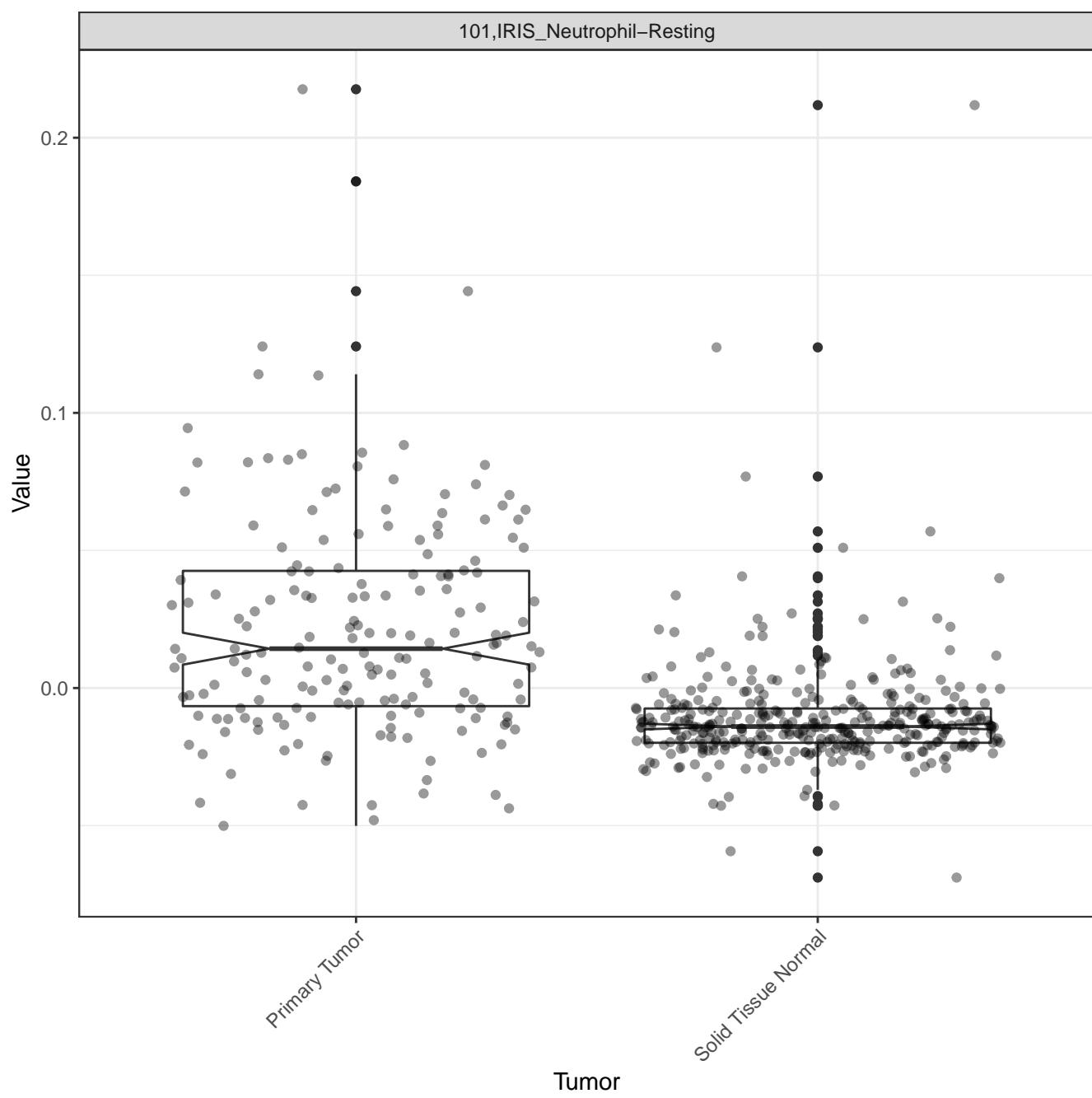
## 99,PID\_AURORA\_A\_PATHWAY



# 100,KEGG\_RIG\_I\_LIKE\_RECEPтор\_SIGNALING\_PATHWAY



## 101,IRIS\_Neutrophil-Resting



## 102,REACTOME\_METABOLISM\_OF\_CARBOHYDRATES

Value

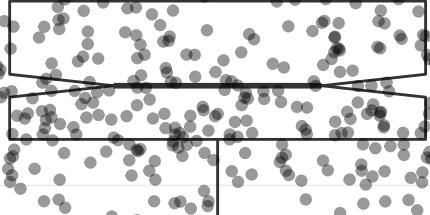
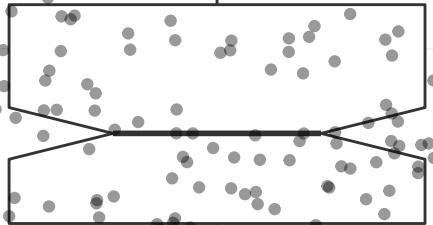
0.05

0.00

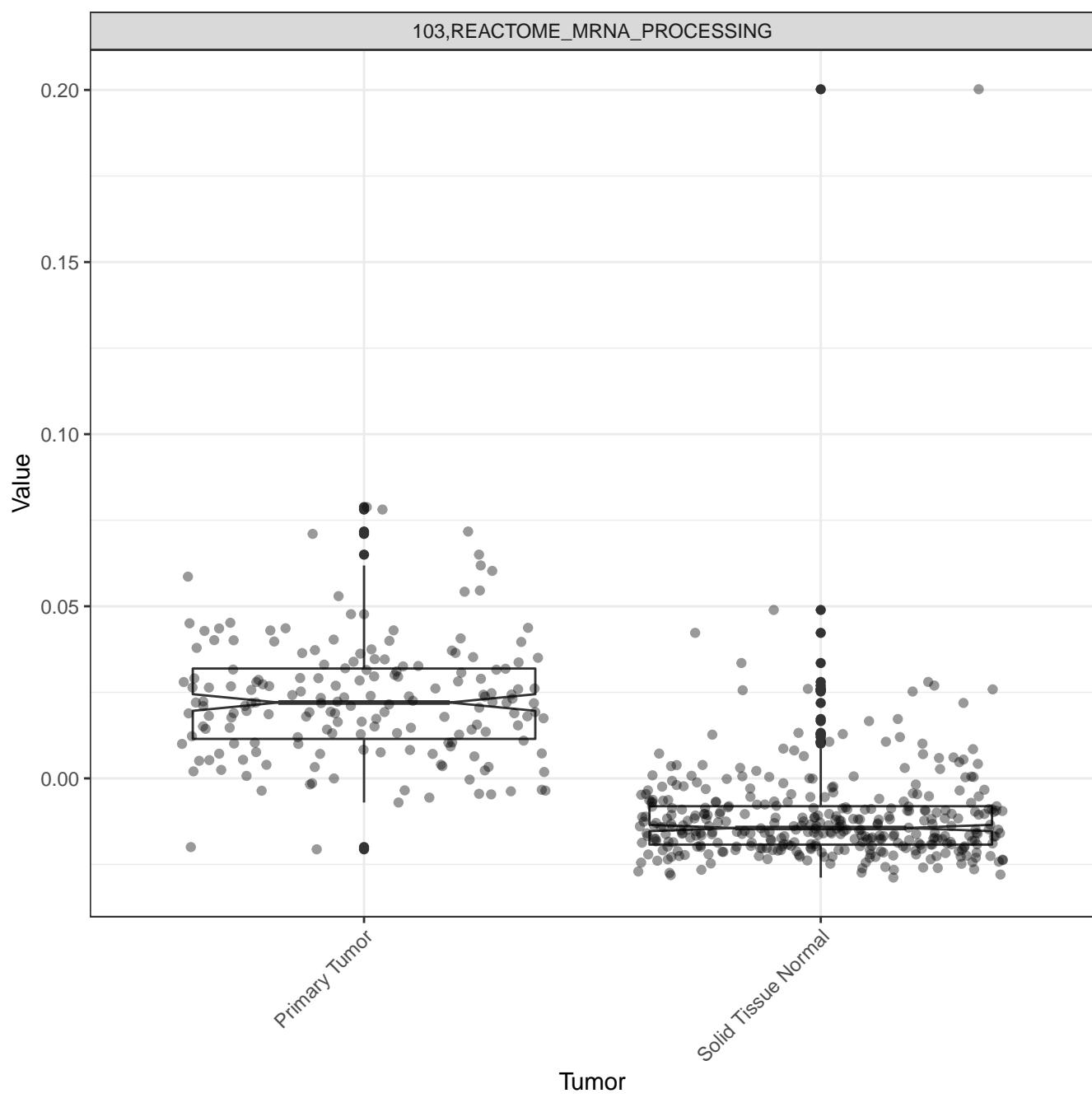
Primary Tumor

Solid Tissue Normal

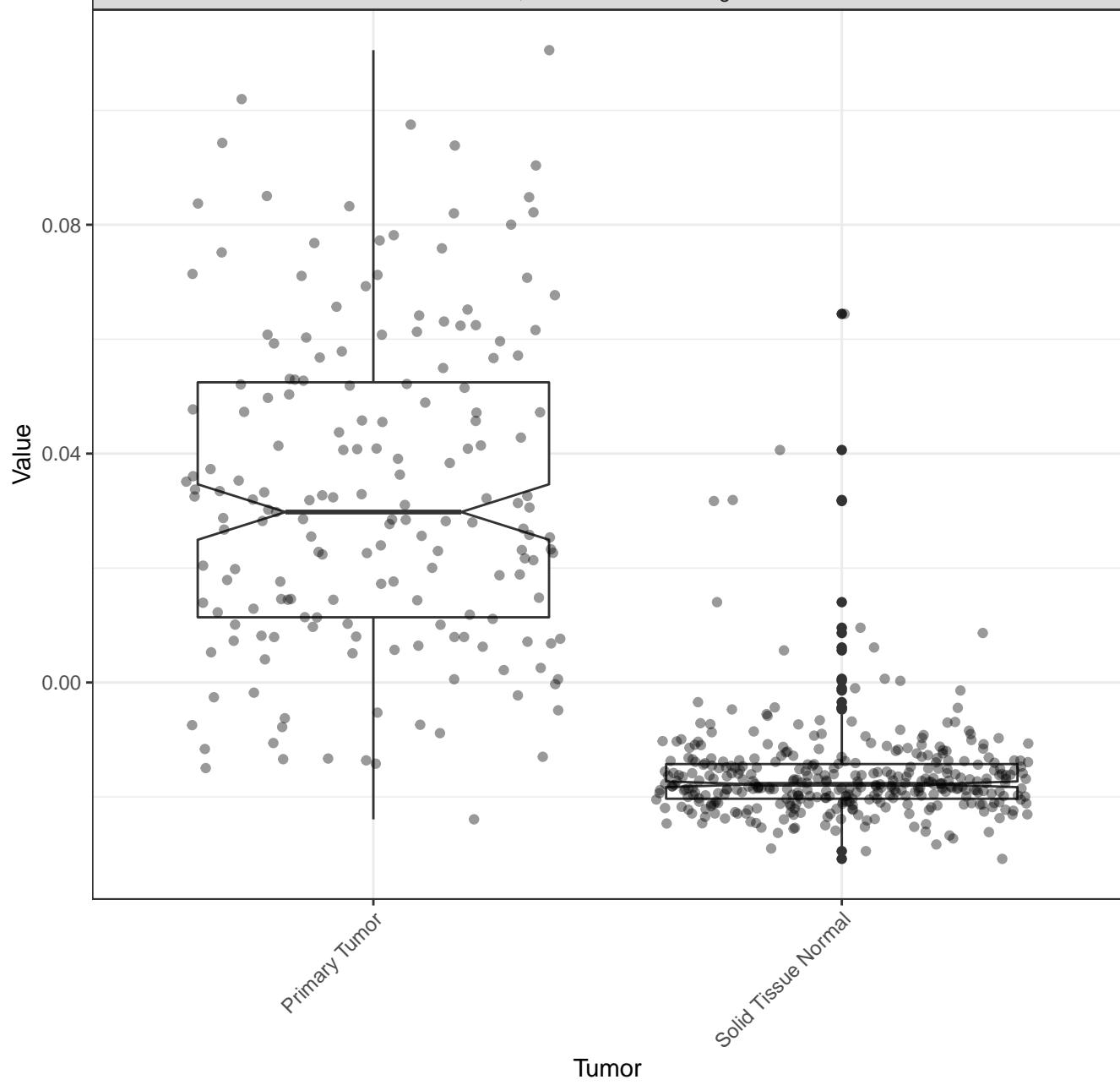
Tumor



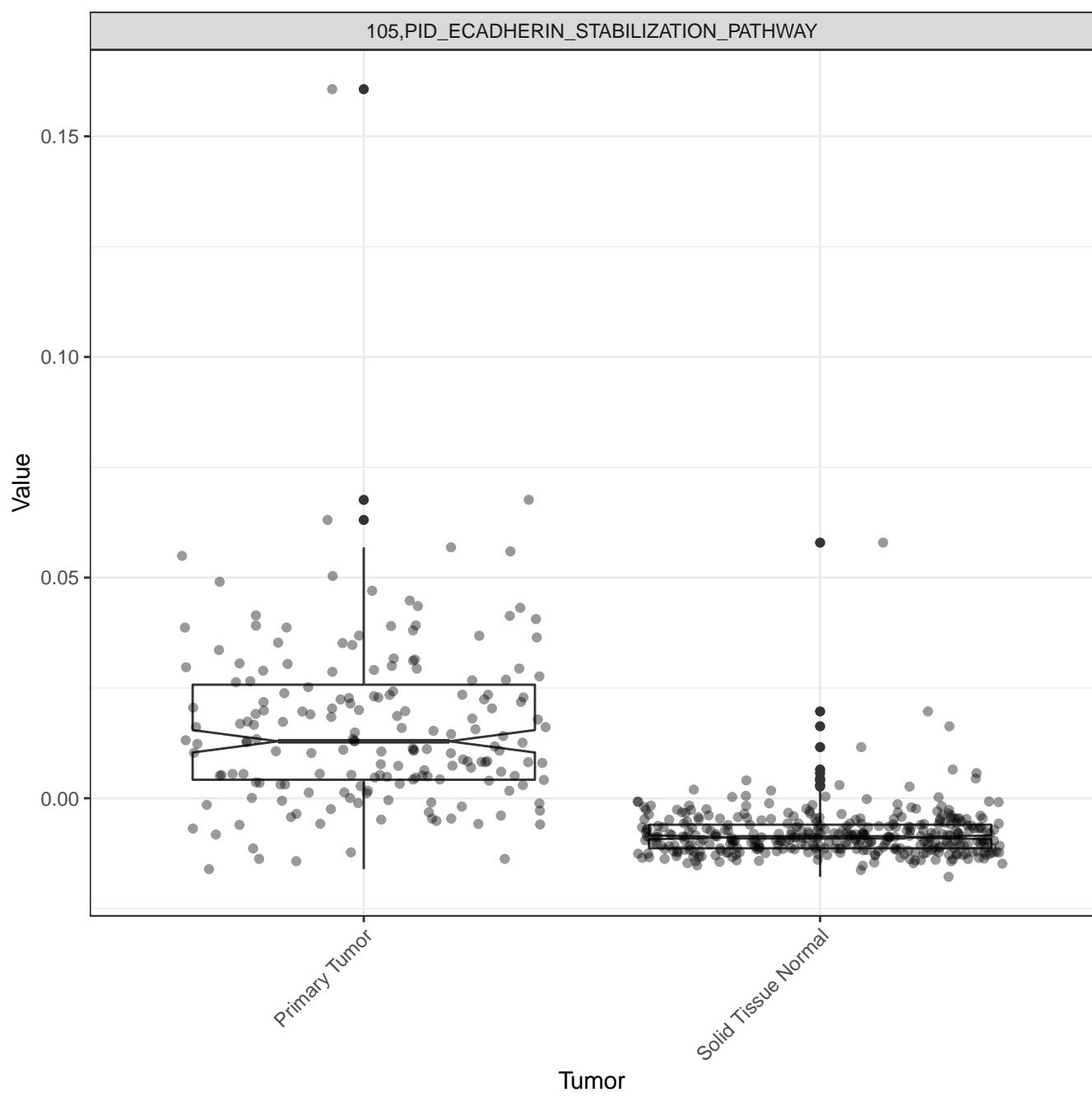
# 103,REACTOME\_MRNA\_PROCESSING



# 104,SVM Mast cells resting



# 105,PID\_ECADHERIN\_STABILIZATION\_PATHWAY



# 106,REACTOME\_NCAM\_SIGNALING\_FOR\_NEURITE\_OUT\_GROWTH

Value

0.06

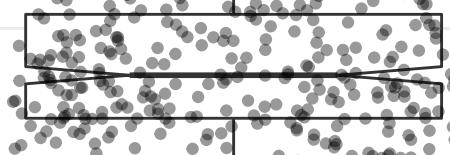
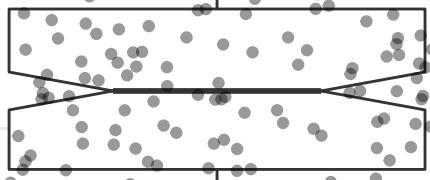
0.03

0.00

Primary Tumor

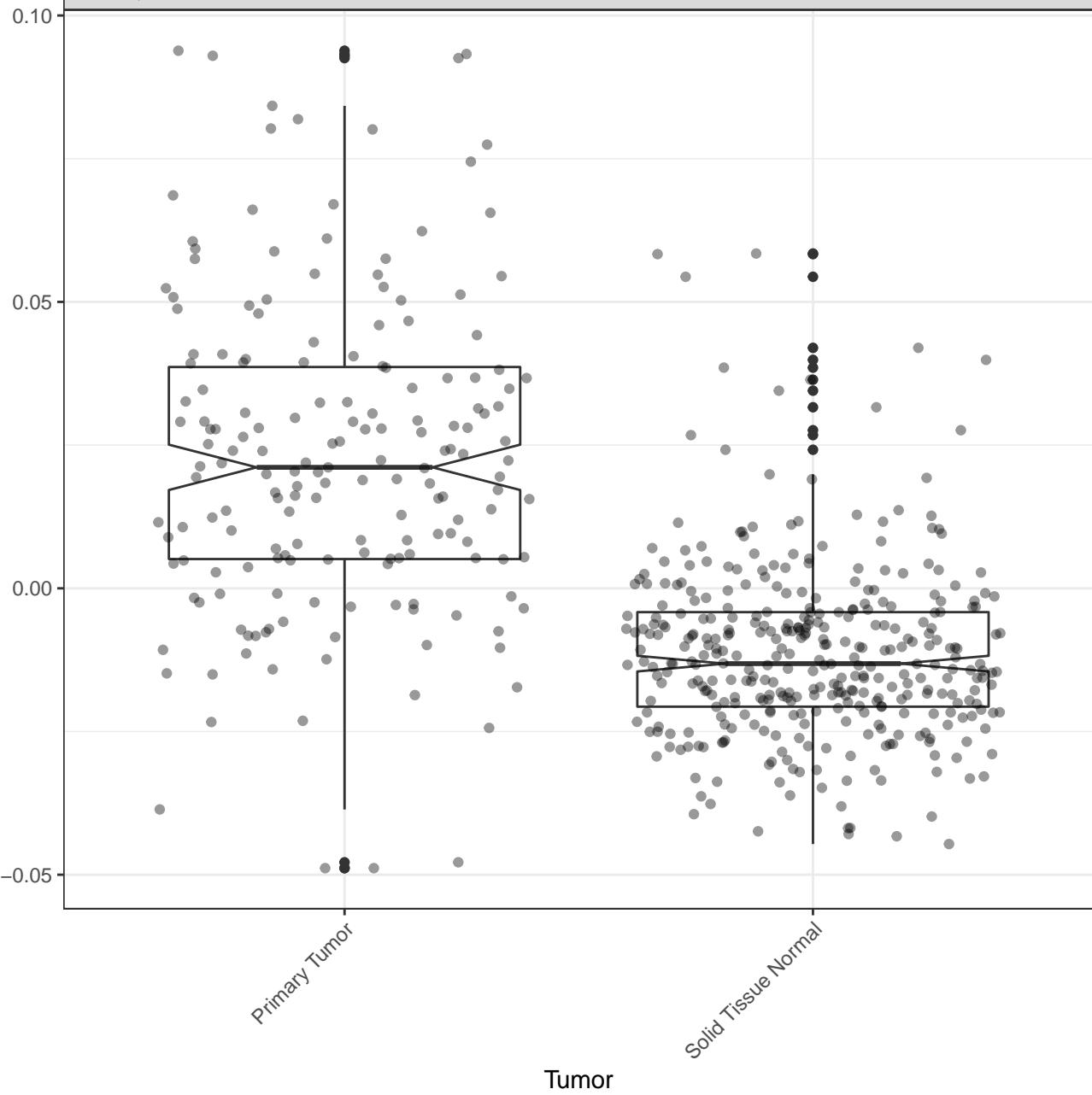
Solid Tissue Normal

Tumor

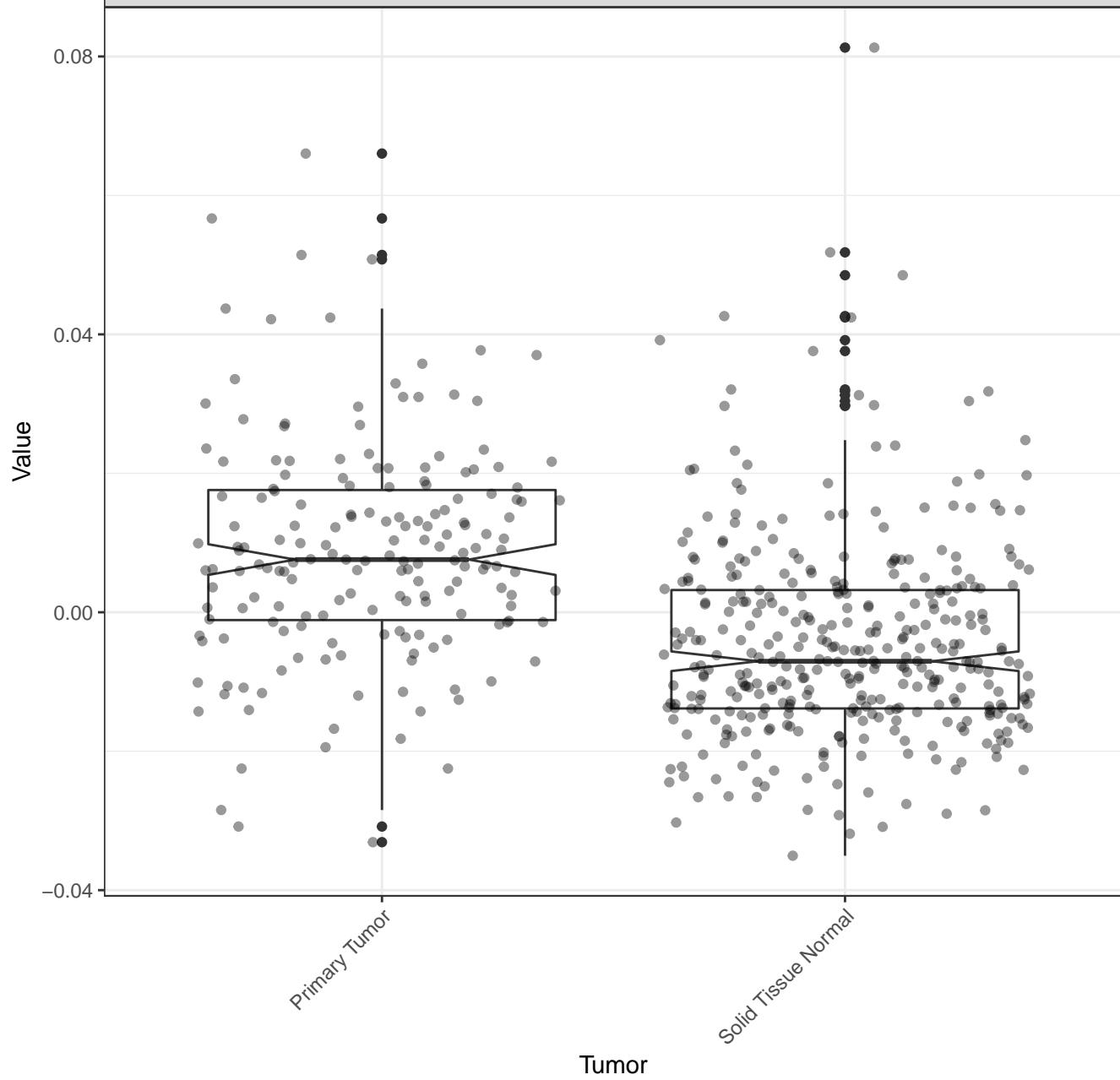


107,REACTOME\_SR\_P\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE

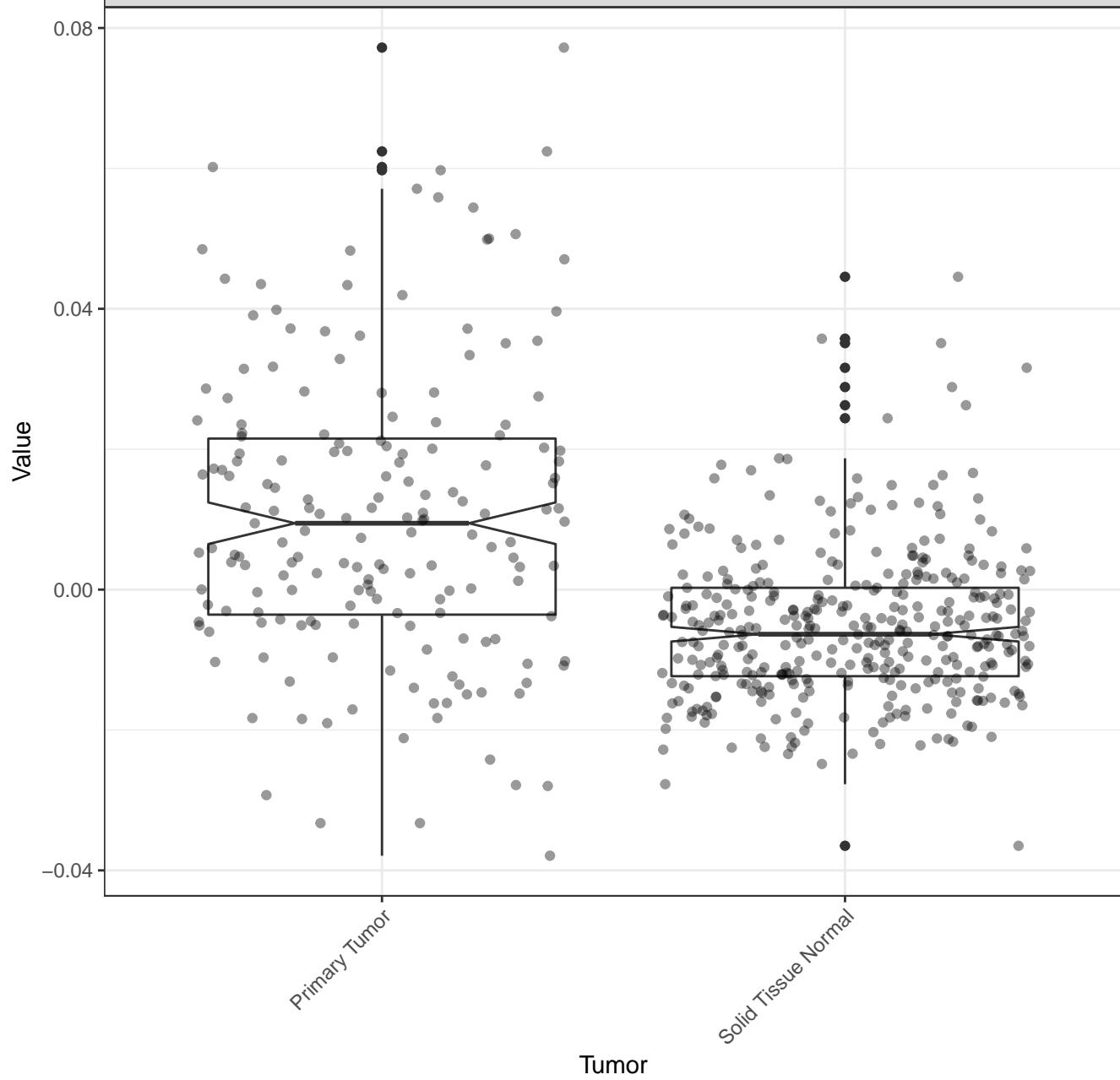
Value



## 108,REACTOME\_MRNA\_SPLICING



# 109,BIOCARTA\_KERATINOCYTE\_PATHWAY



# 110,REACTOME\_PROCESSING\_OF\_CAPPED\_INTRON\_CONTAINING\_PRE\_MRNA

Value

0.08

0.04

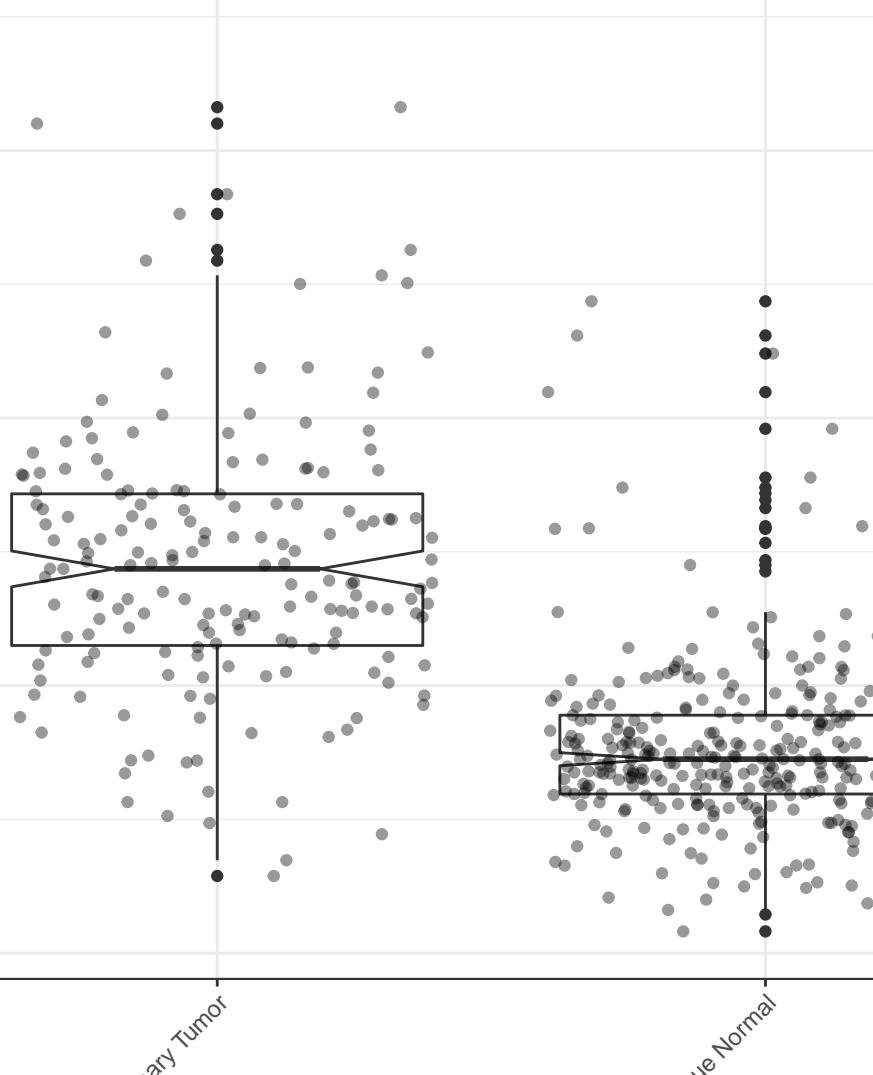
0.00

-0.04

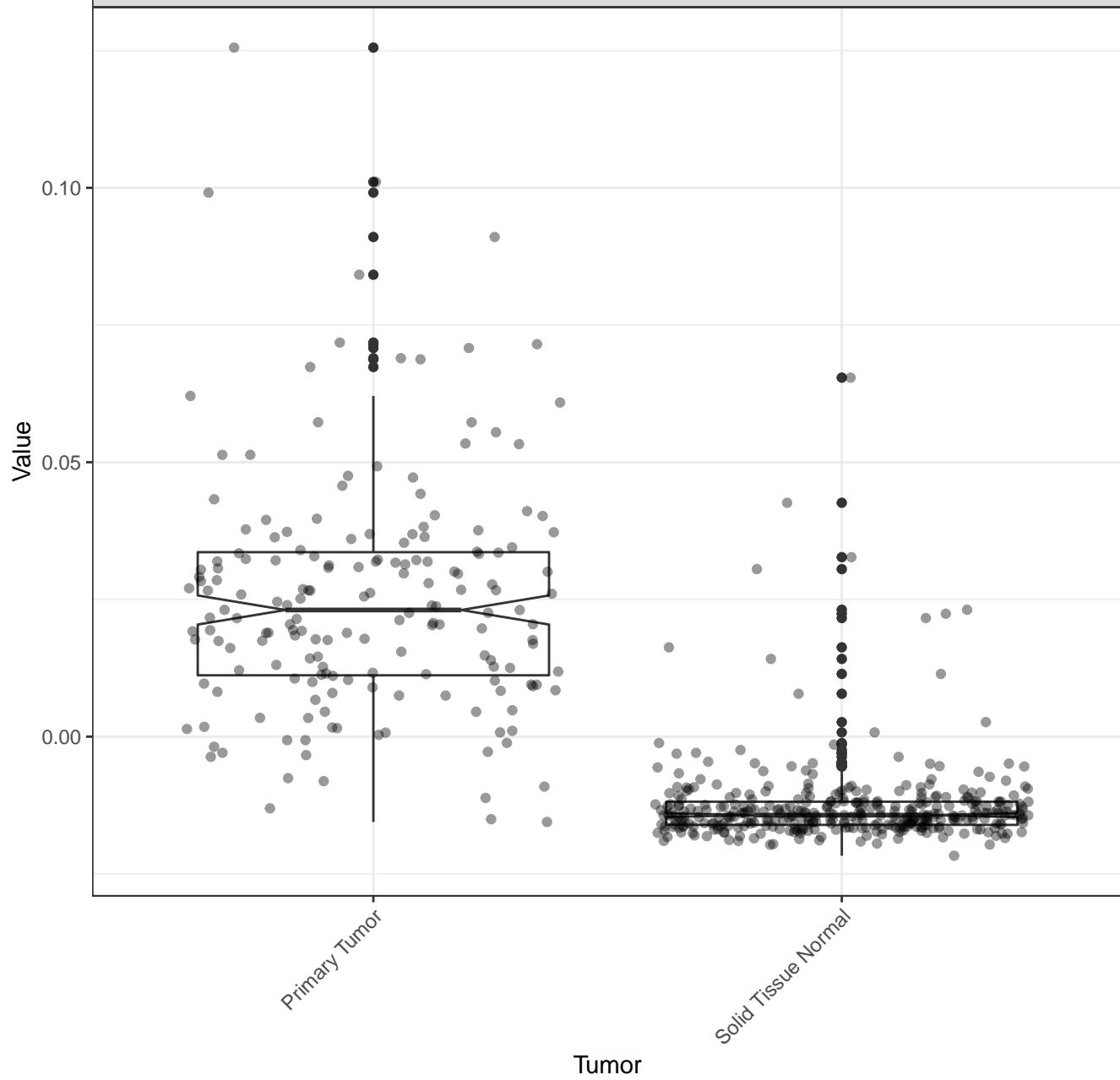
Primary Tumor

Solid Tissue Normal

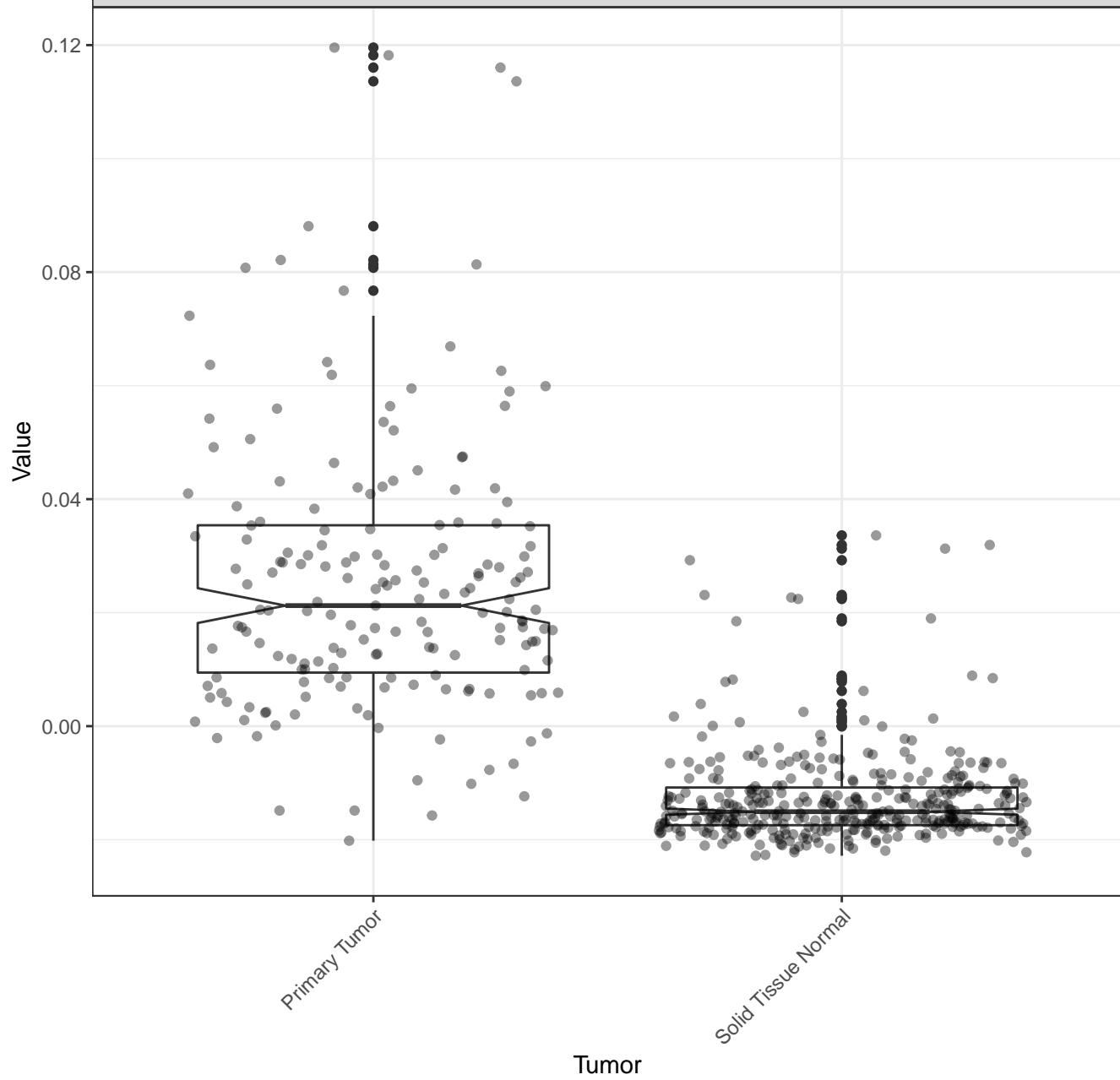
Tumor



# 111,BIOCARTA\_CARM\_ER\_PATHWAY

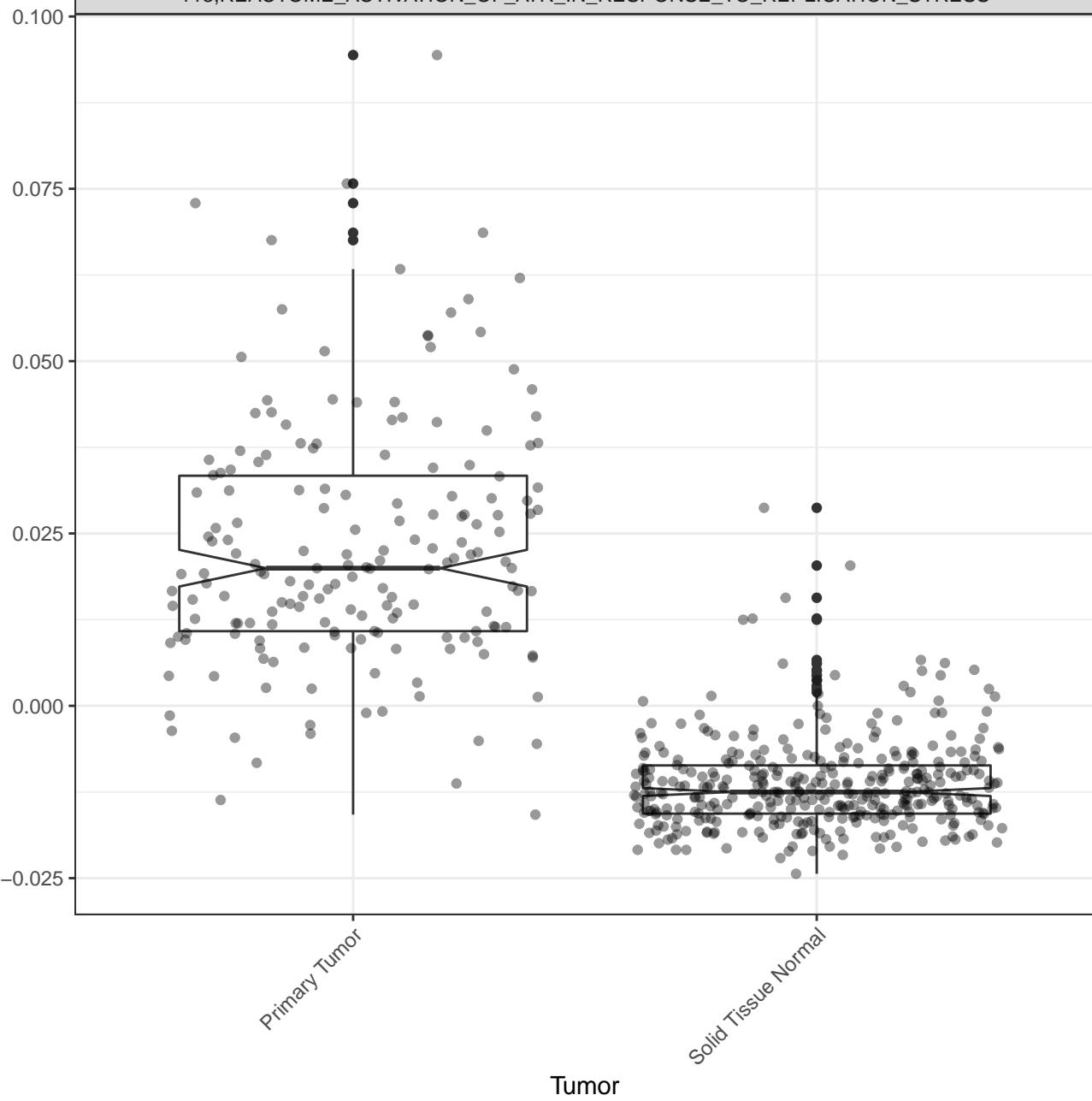


# 112,REACTOME\_P75\_NTR\_RECECTOR\_MEDIDATED\_SIGNALLING

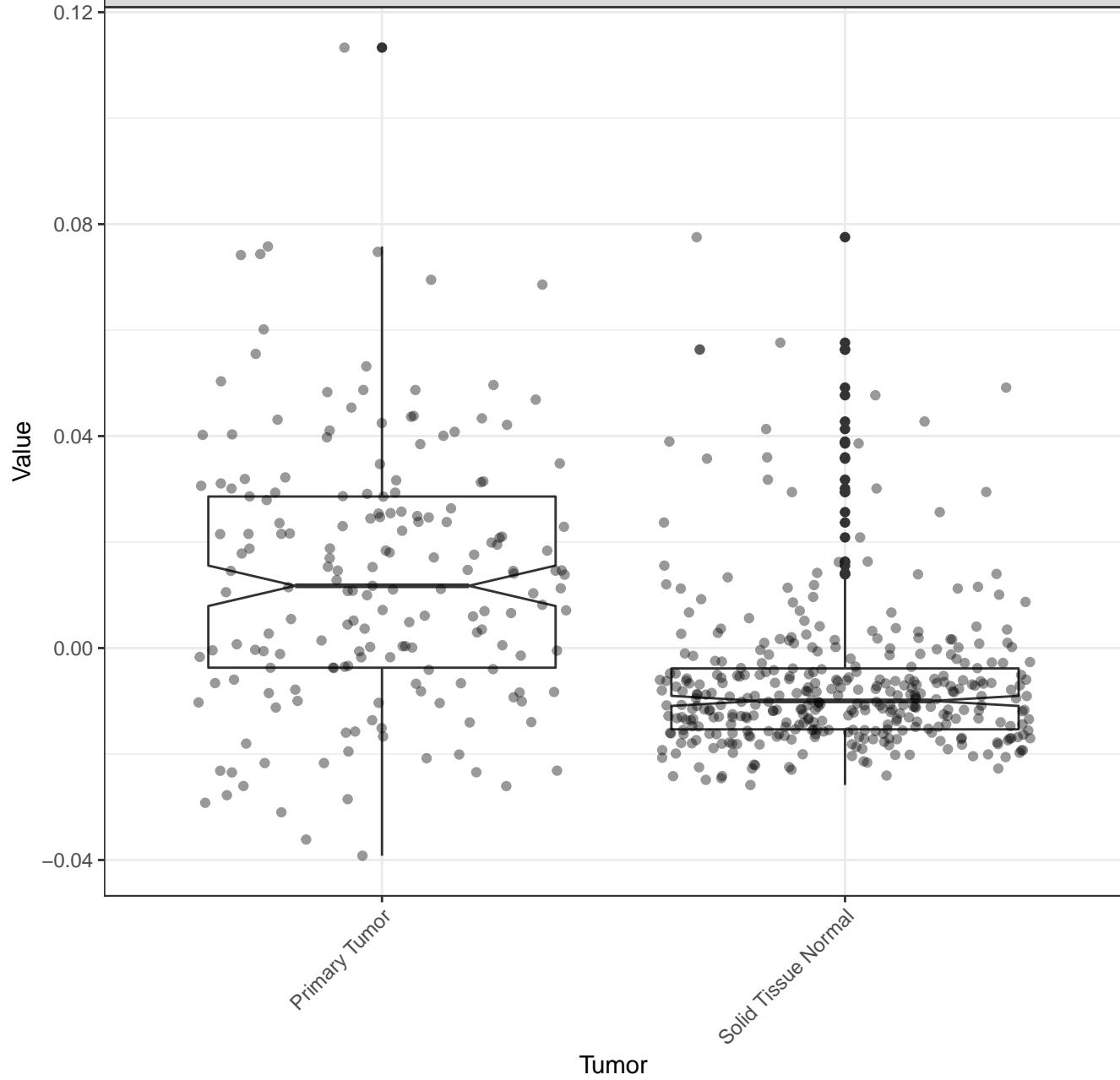


# 113,REACTOME\_ACTIVATION\_OF\_ATR\_IN\_RESPONSE\_TO\_REPLICATION\_STRESS

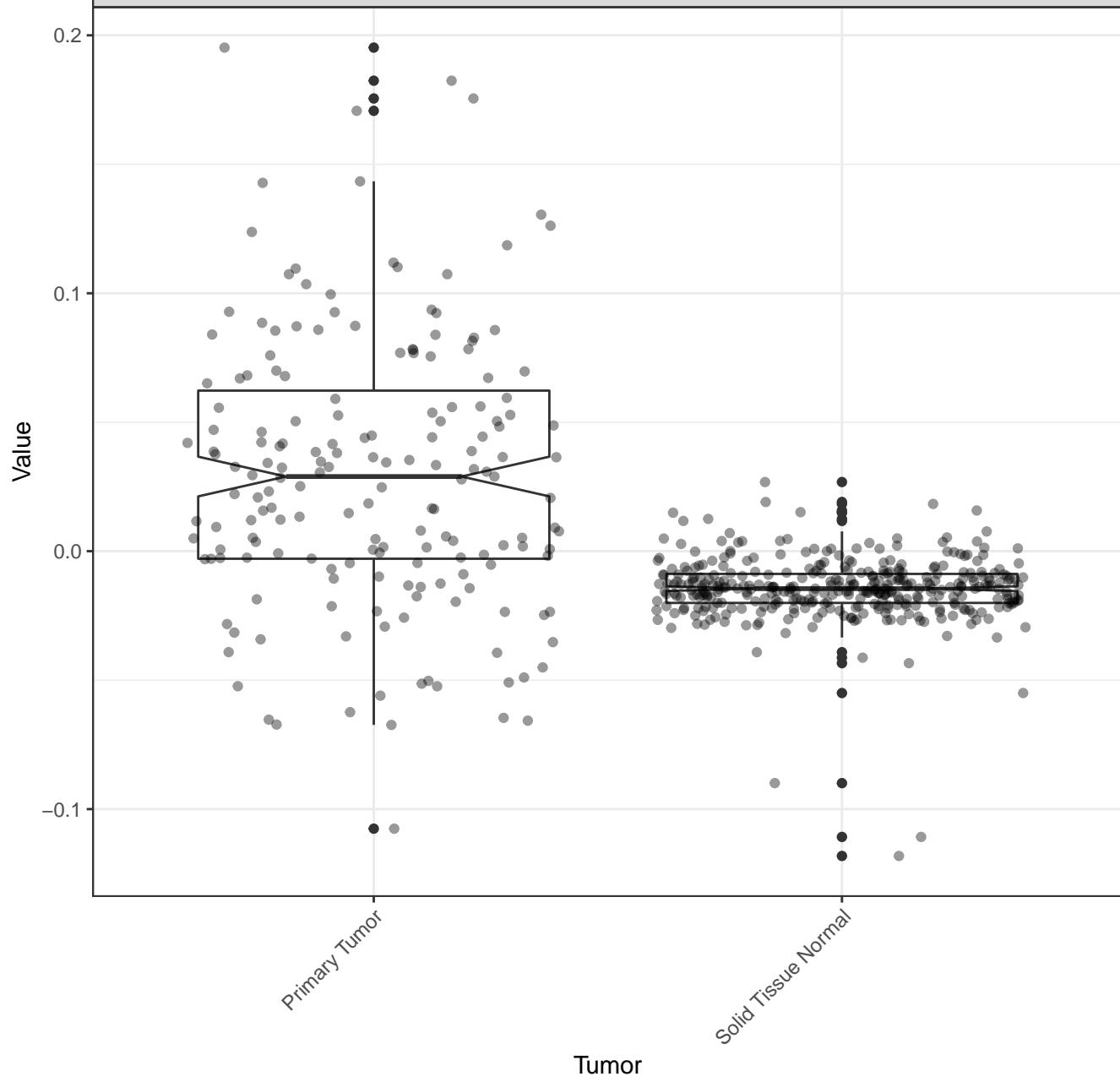
Value



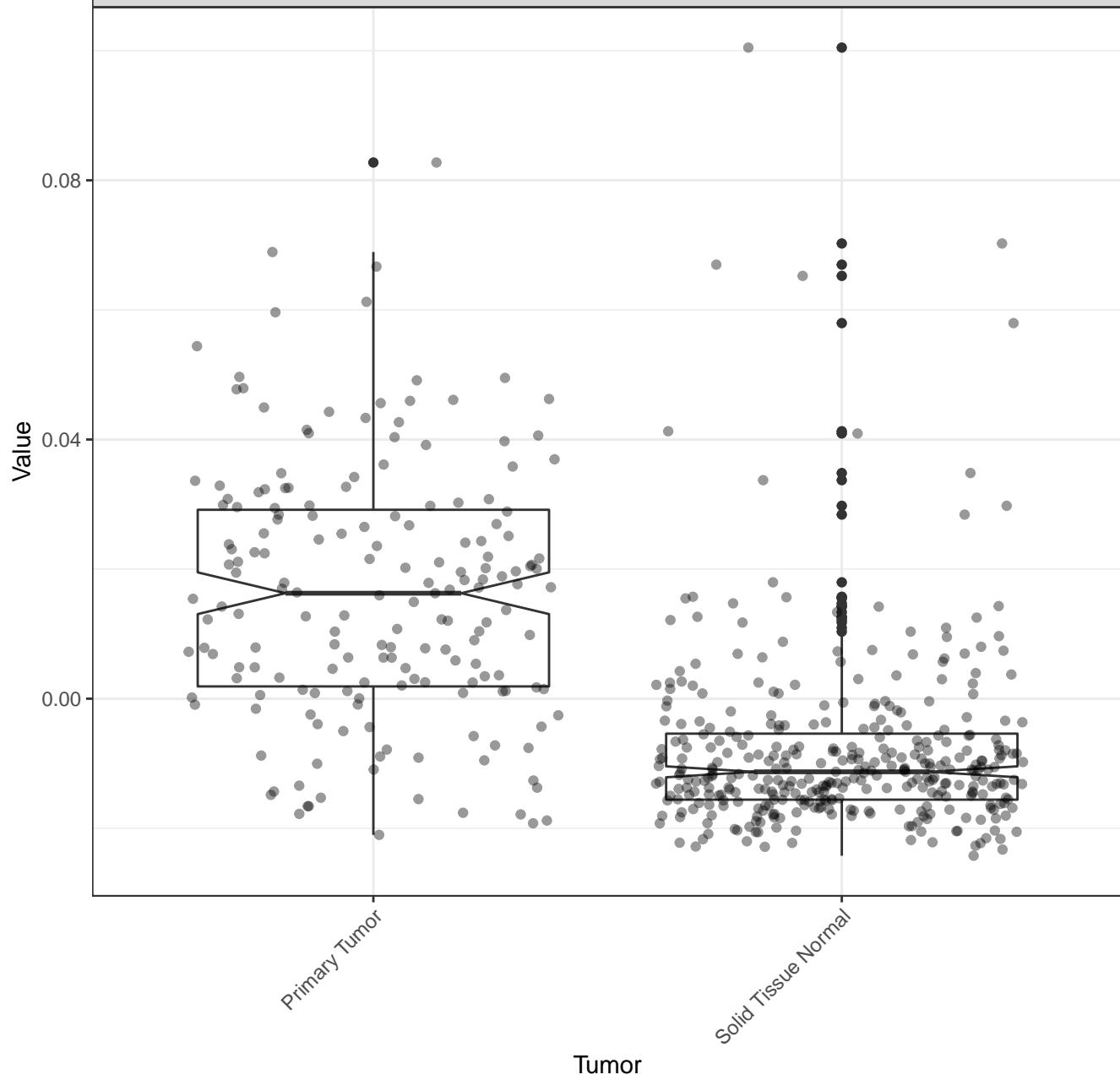
# 114,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS



# 115,IRIS\_Neutrophil–Resting



## 116,KEGG\_HEDGEHOG\_SIGNALING\_PATHWAY



# 117,REACTOME\_PROCESSING\_OF\_CAPPED\_INTRON\_CONTAINING\_PRE\_MRNA

Value

0.10

0.05

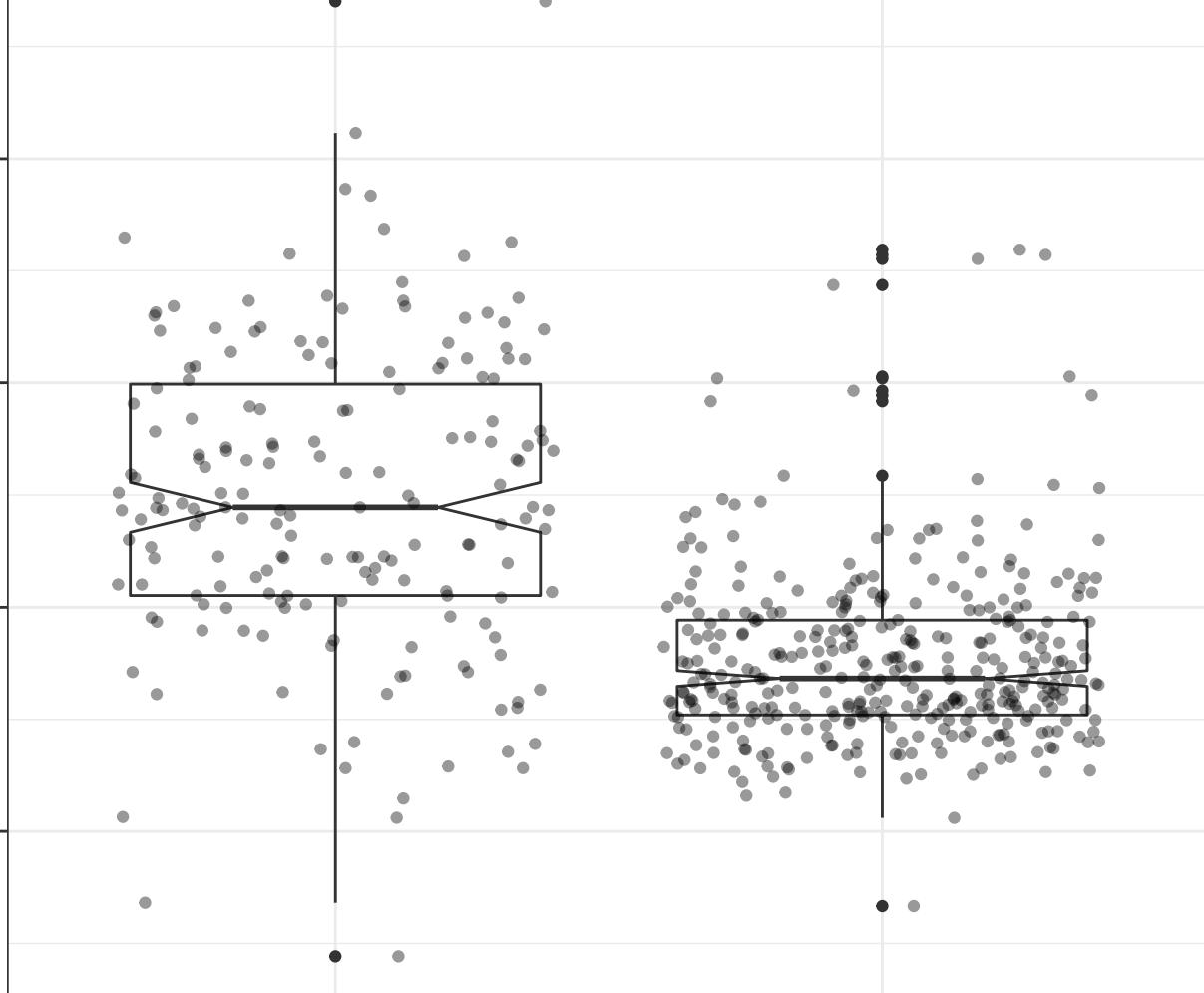
0.00

-0.05

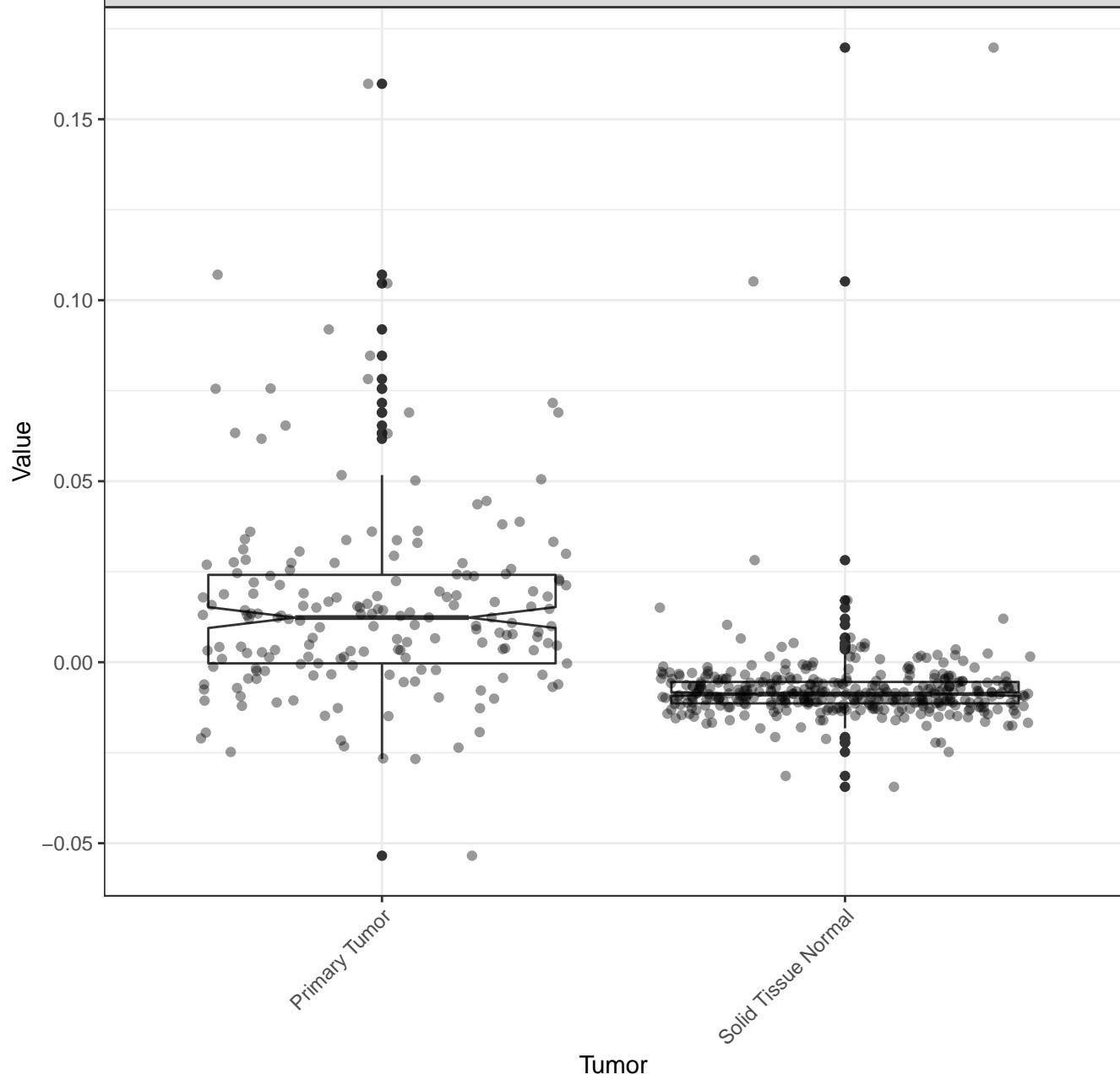
Primary Tumor

Tumor

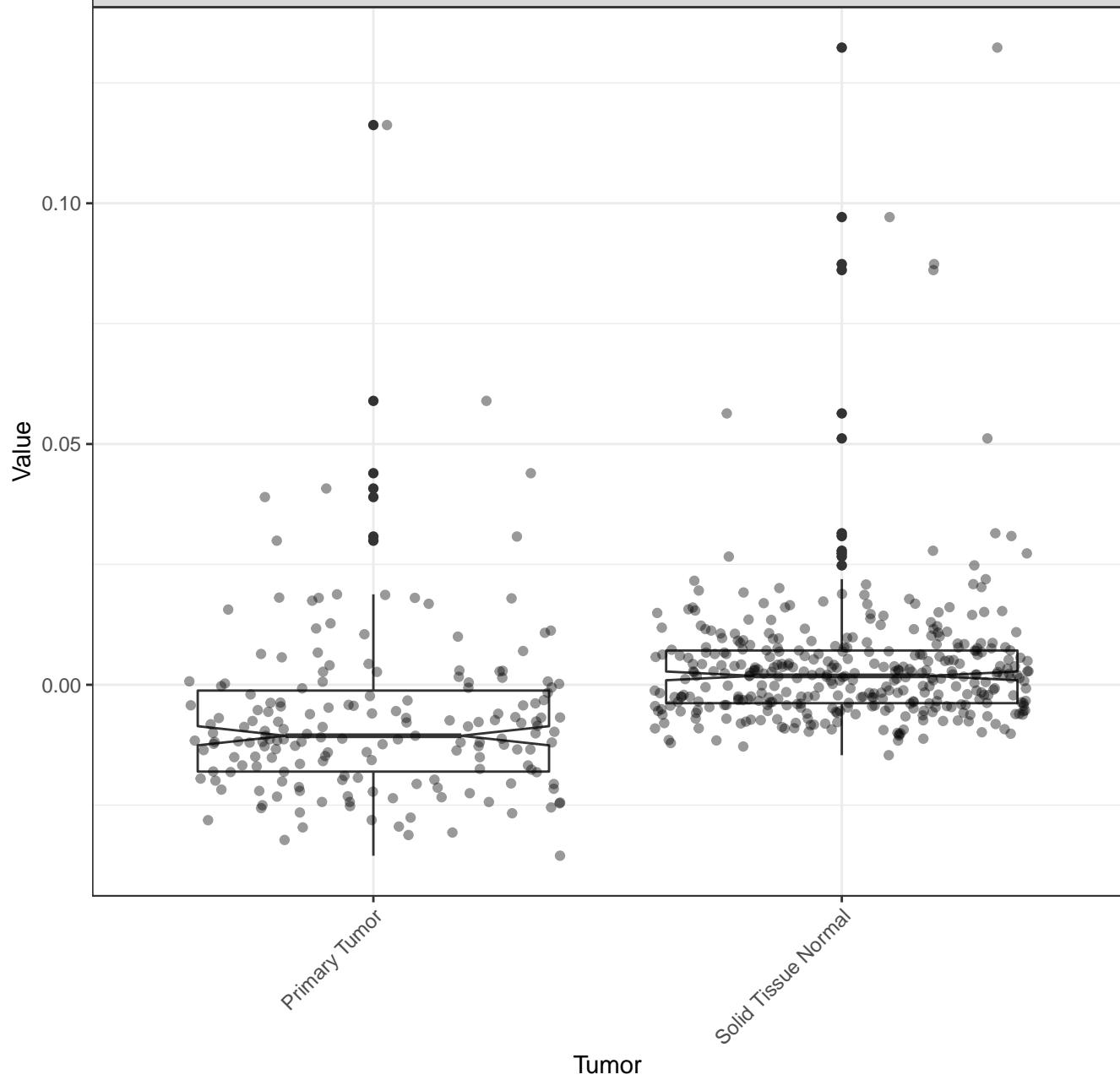
Solid Tissue Normal



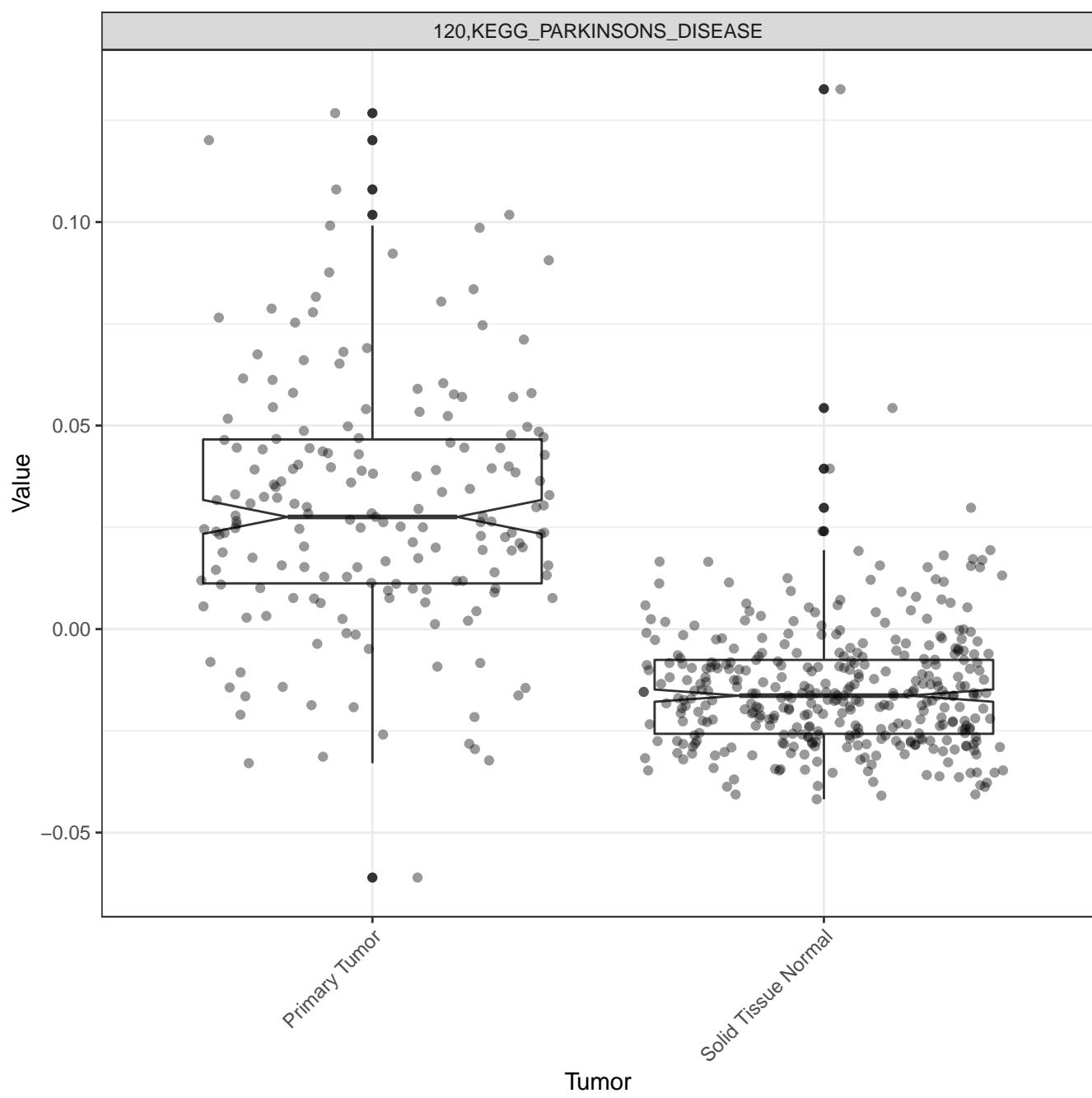
## 118,PID\_FANCONI\_PATHWAY



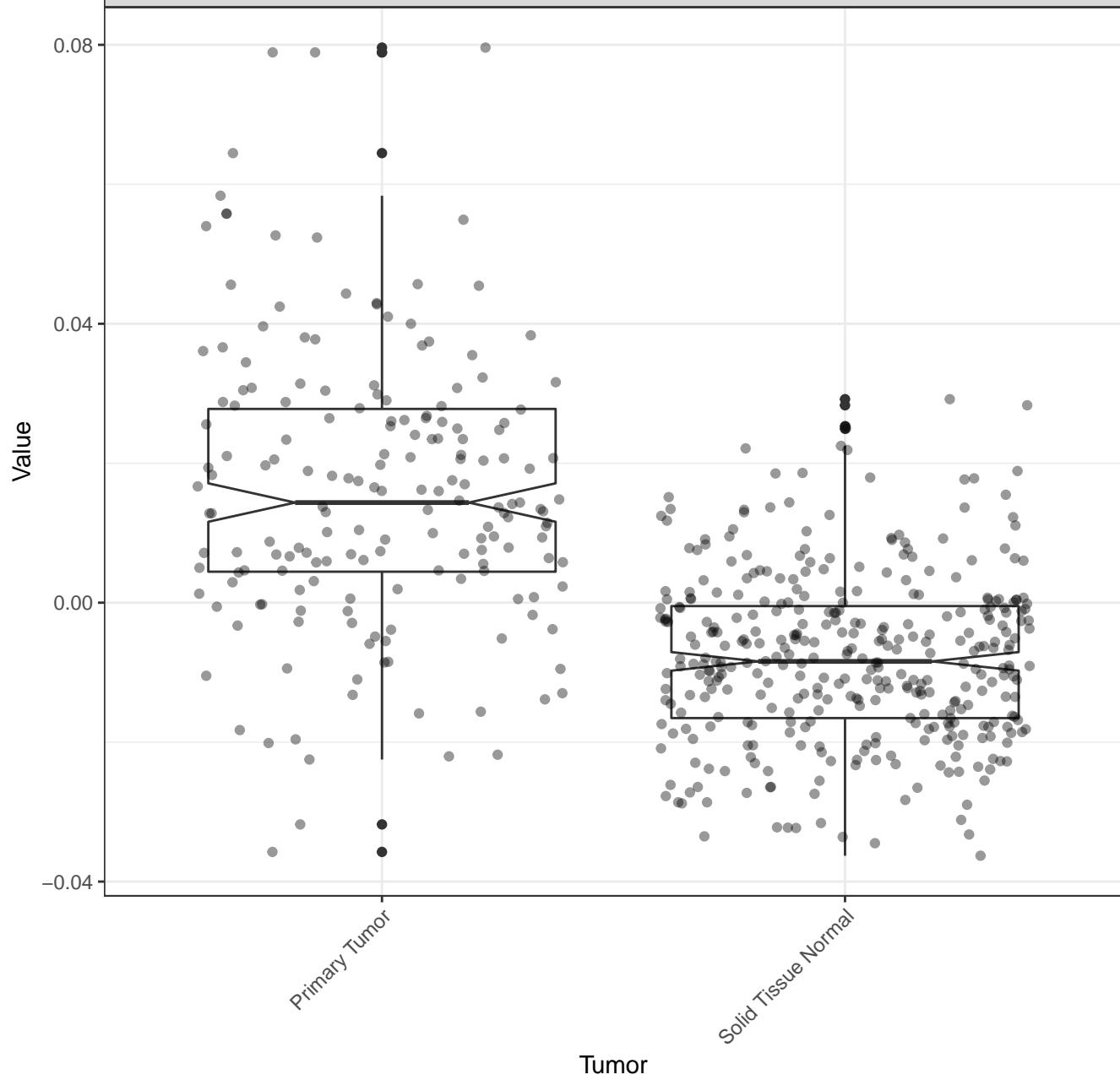
## 119,REACTOME\_PHASE1\_FUNCTIONALIZATION\_OF\_COMPOUNDS



## 120,KEGG\_PARKINSONS\_DISEASE



# 121,REACTOME\_METABOLISM\_OF\_PROTEINS



## 122,REACTOME DEVELOPMENTAL\_BIOLOGY

Value

0.050

0.025

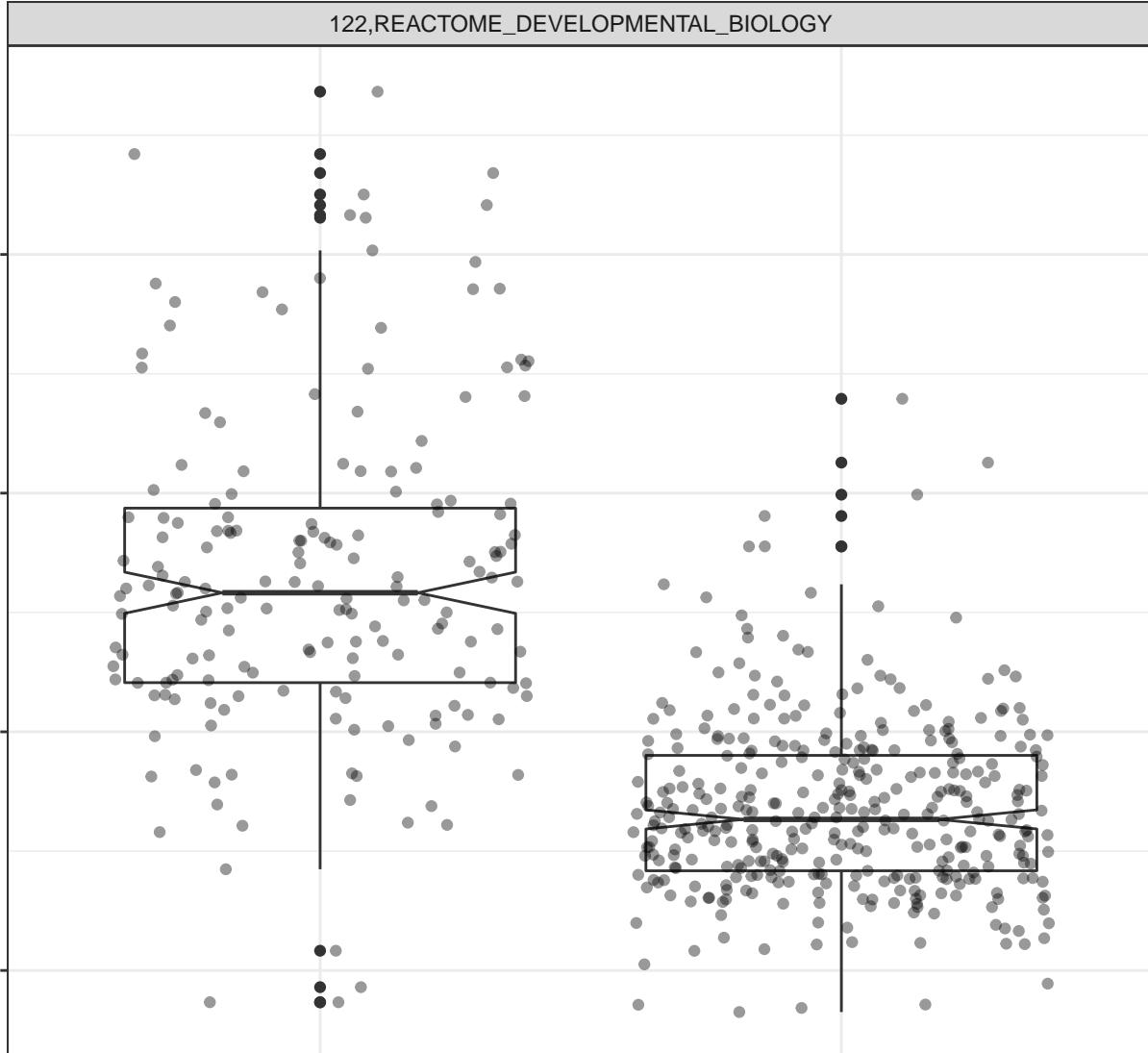
0.000

-0.025

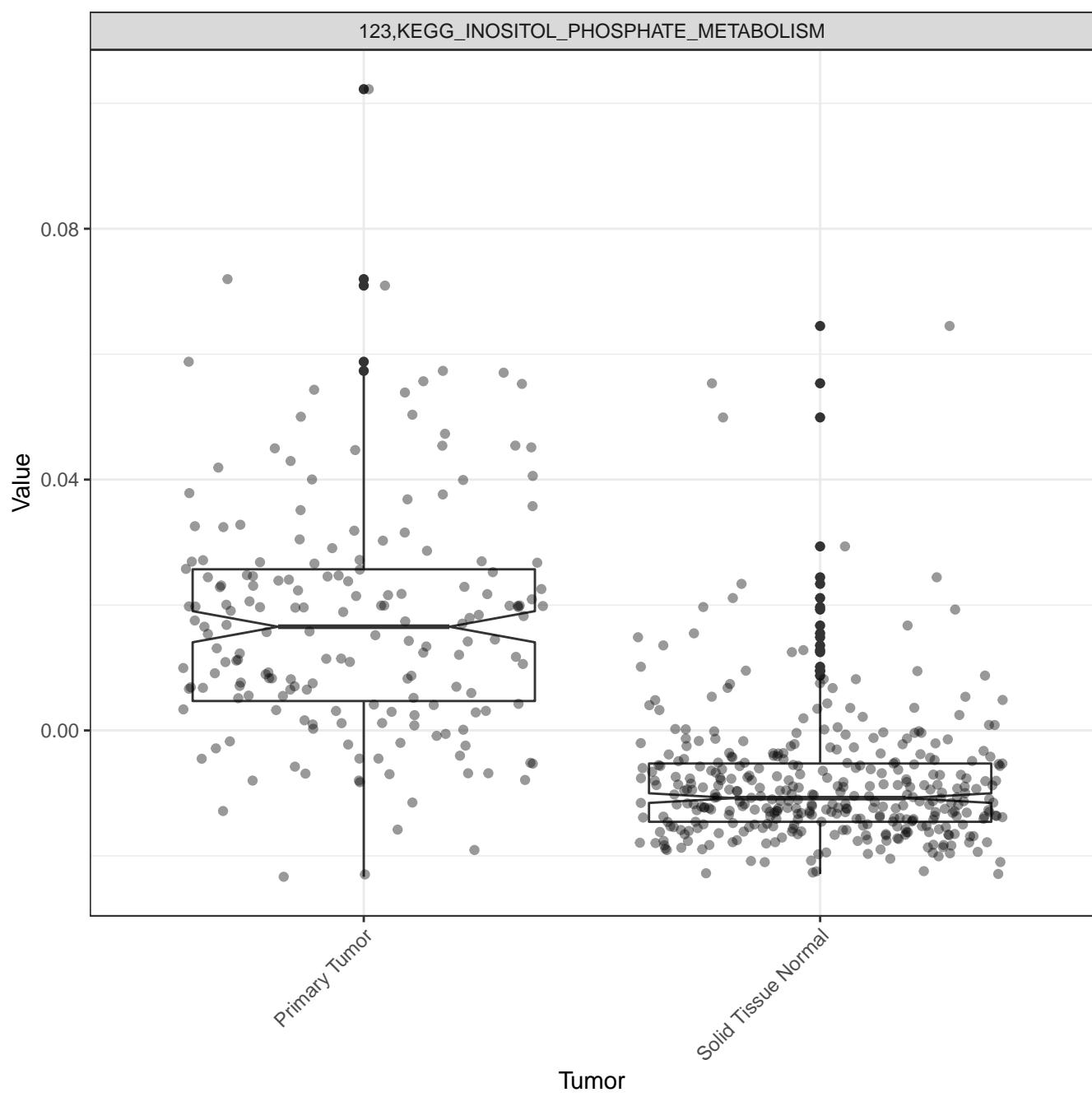
Primary Tumor

Solid Tissue Normal

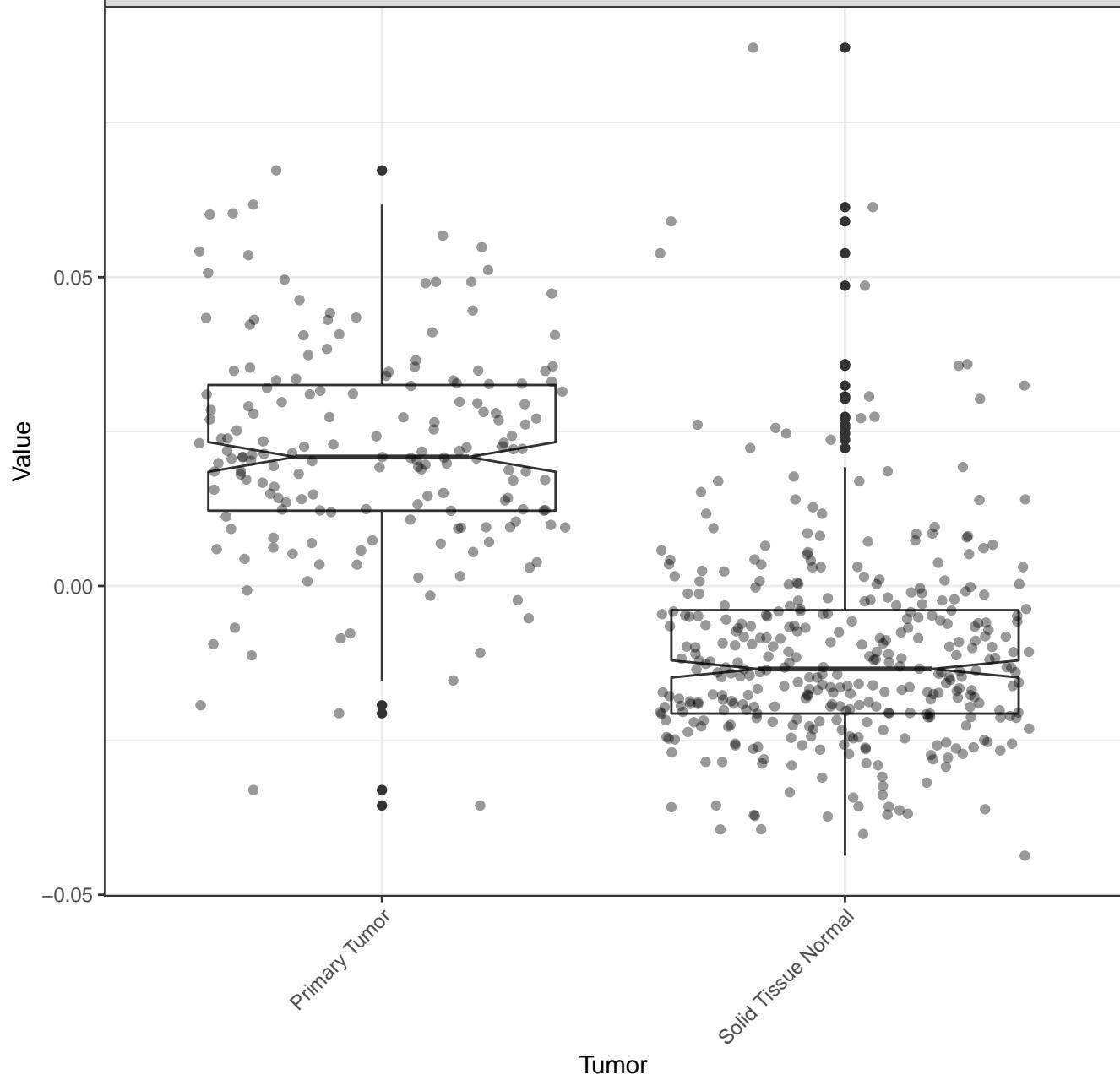
Tumor



### 123,KEGG\_INOSITOL\_PHOSPHATE\_METABOLISM



# 124,REACTOME\_DEADENYLATION\_DEPENDENT\_MRNA\_DECAY



# 125,KEGG\_GLYCEROPHOSPHOLIPID\_METABOLISM

Value

0.10

0.05

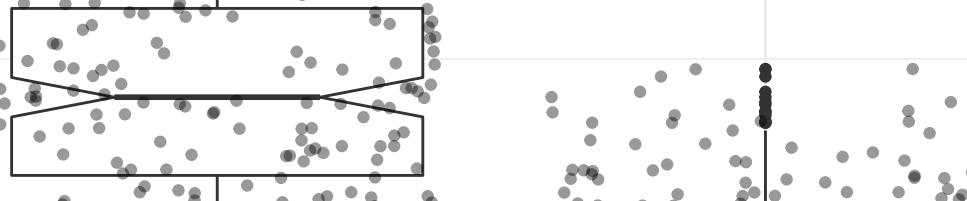
0.00

-0.05

Primary Tumor

Tumor

Solid Tissue Normal



# 126,KEGG\_CYSTEINE\_AND\_METHIONINE\_METABOLISM

Value

0.08

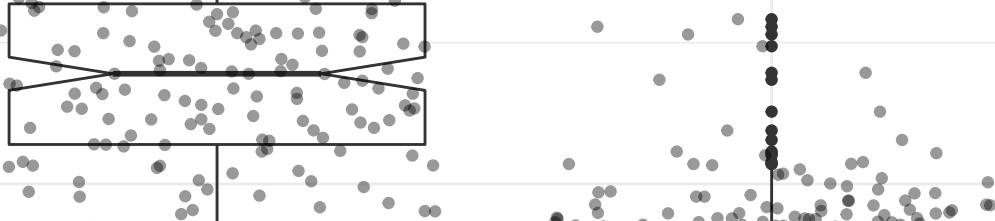
0.04

0.00

Primary Tumor

Solid Tissue Normal

Tumor



# 127,KEGG\_NEUROACTIVE\_LIGAND\_RECEPTOR\_INTERACTION

Value

0.15

0.10

0.05

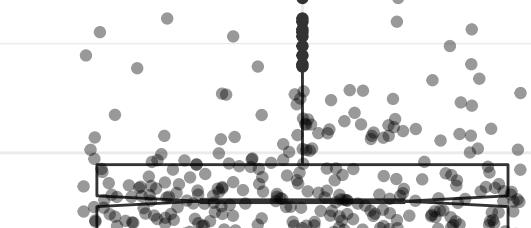
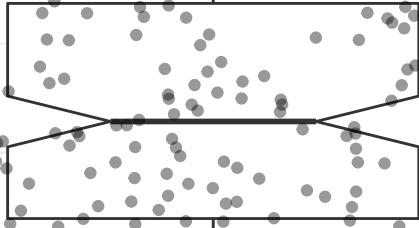
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 128,KEGG\_PURINE\_METABOLISM

Value

0.08

0.04

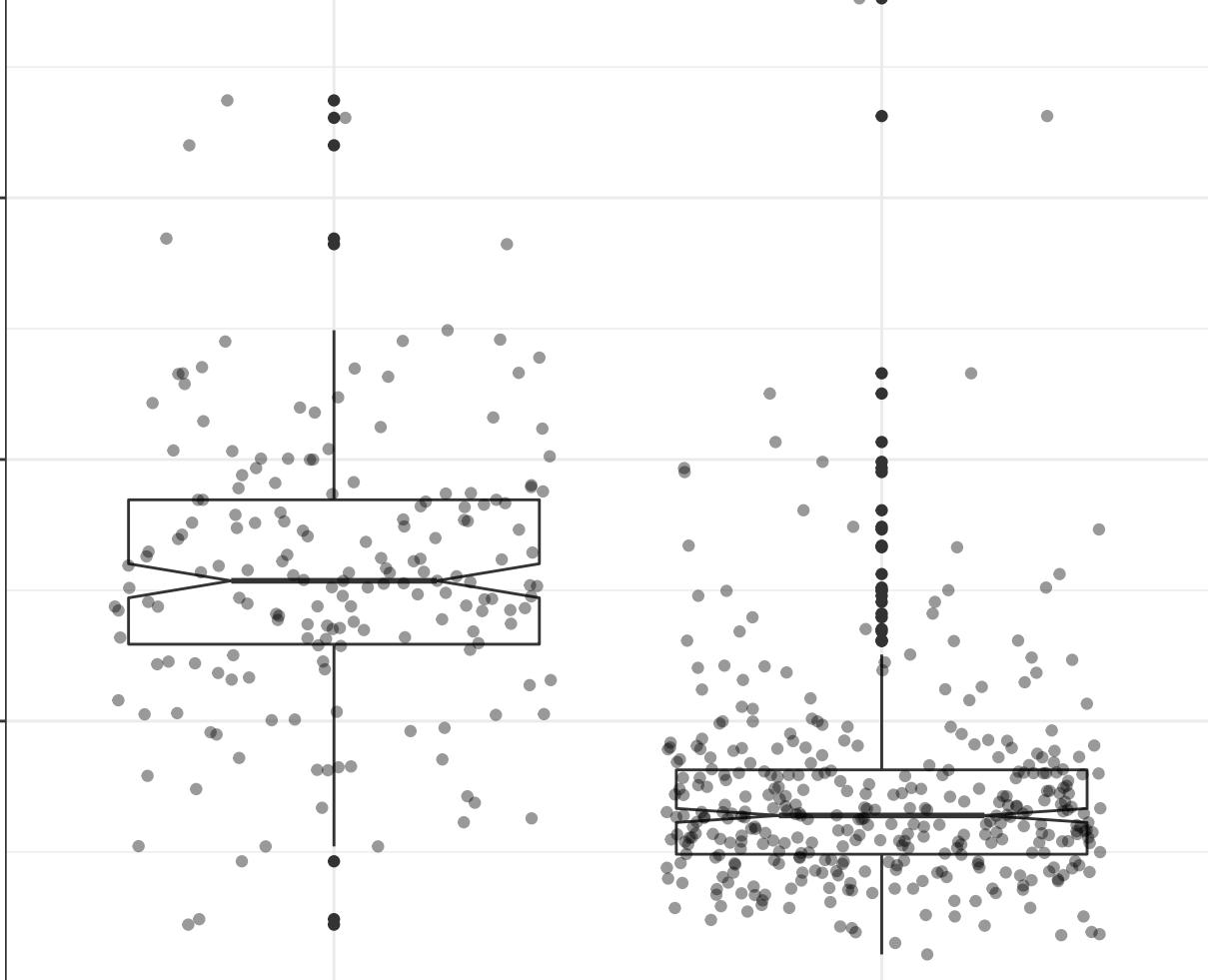
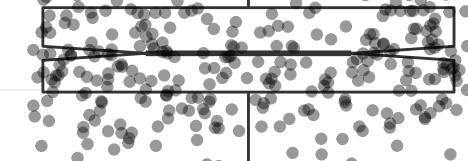
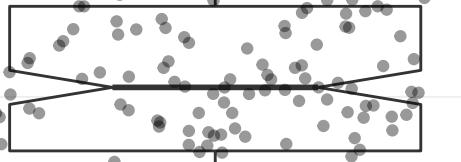
0.00

-0.04

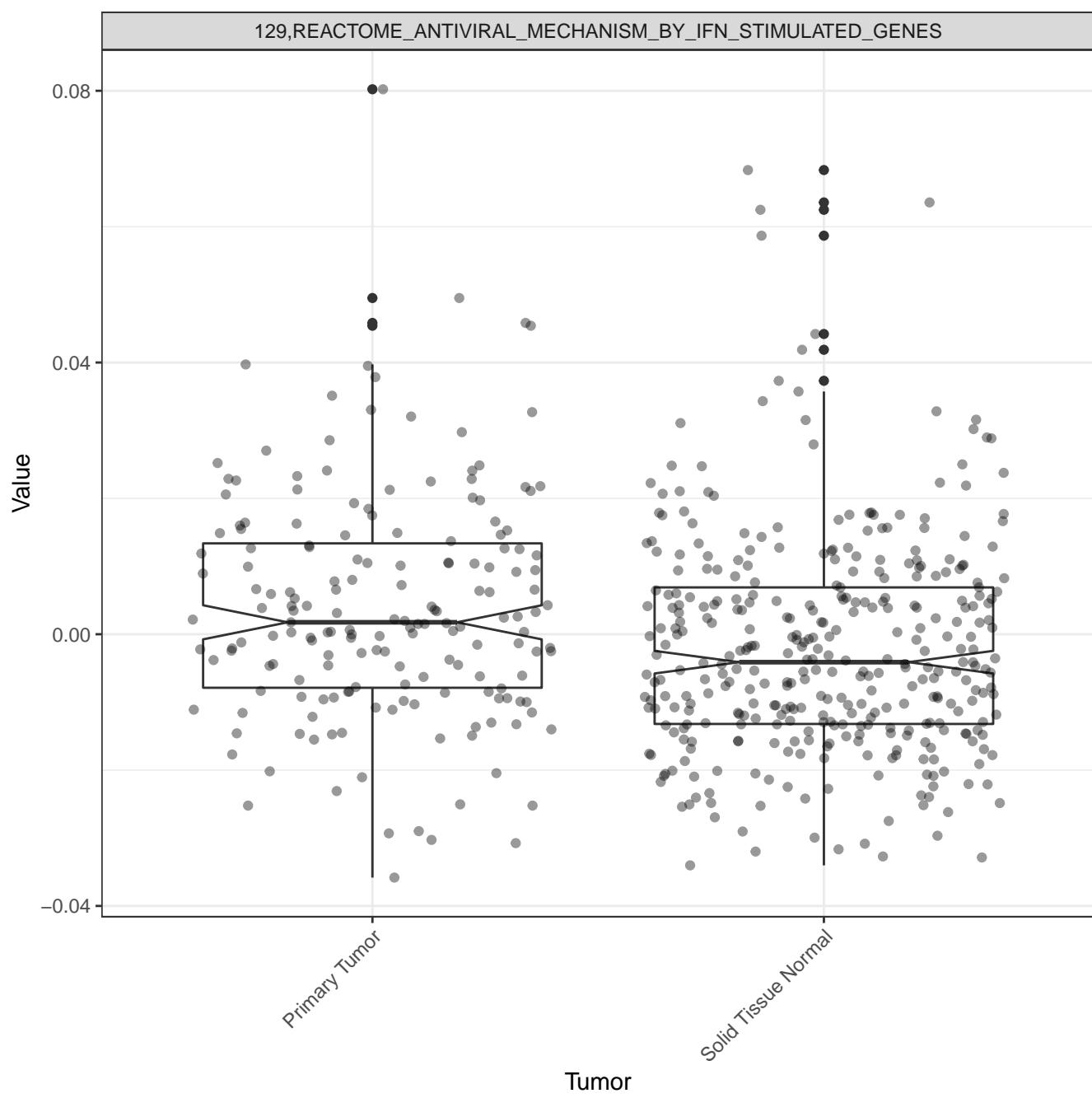
Primary Tumor

Solid Tissue Normal

Tumor



129,REACTOME\_ANTIVIRAL\_MECHANISM\_BY\_IFN\_STIMULATED\_GENES



## 130,REACTOME\_AXON\_GUIDANCE

Value

0.08

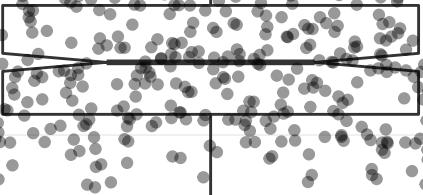
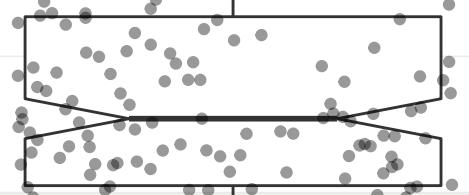
0.04

0.00

Primary Tumor

Solid Tissue Normal

Tumor



130,REACTOME\_AXON\_GUIDANCE

# 131,REACTOME\_OPIOID\_SIGNALLING

Value

0.2

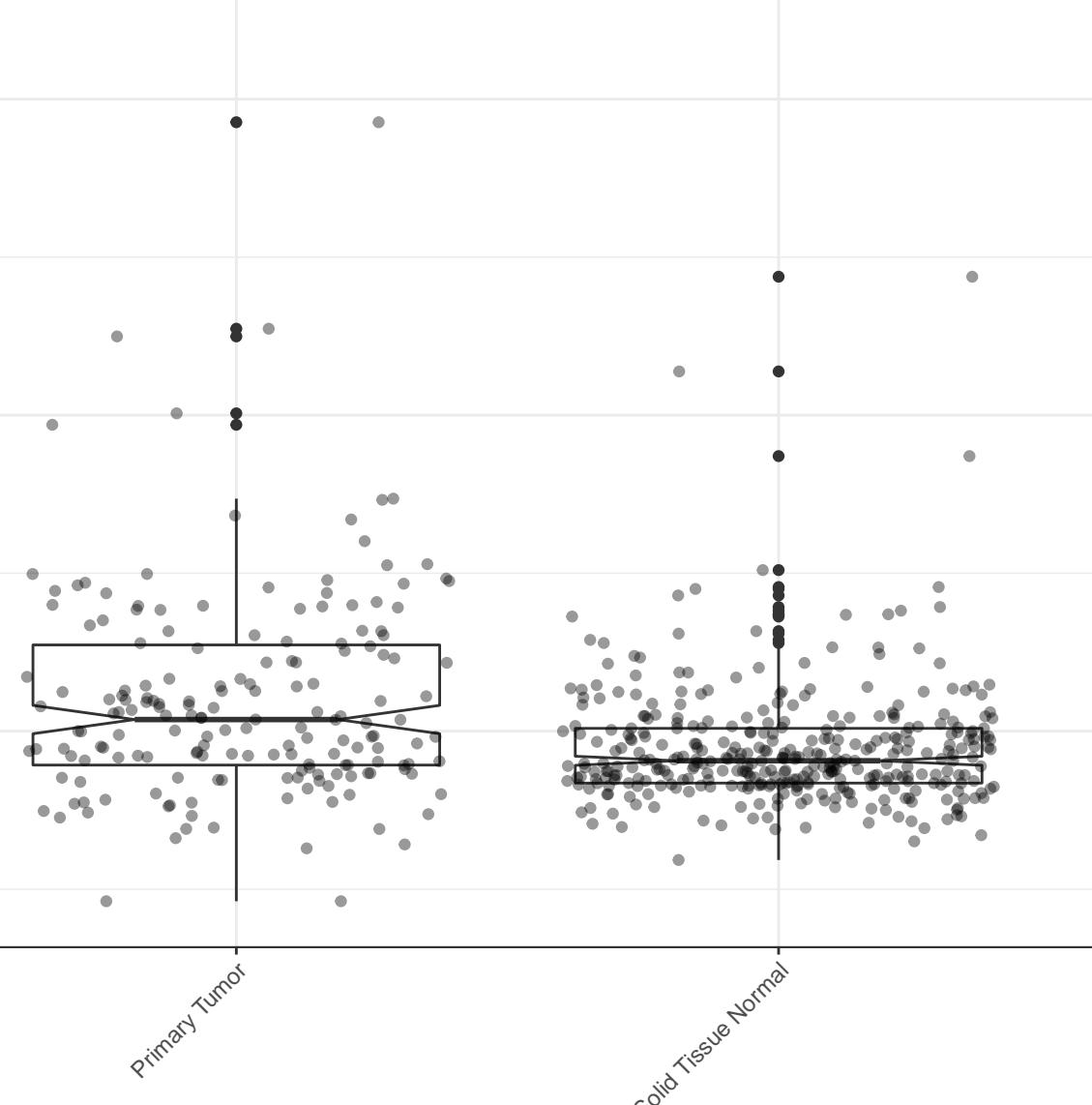
0.1

0.0

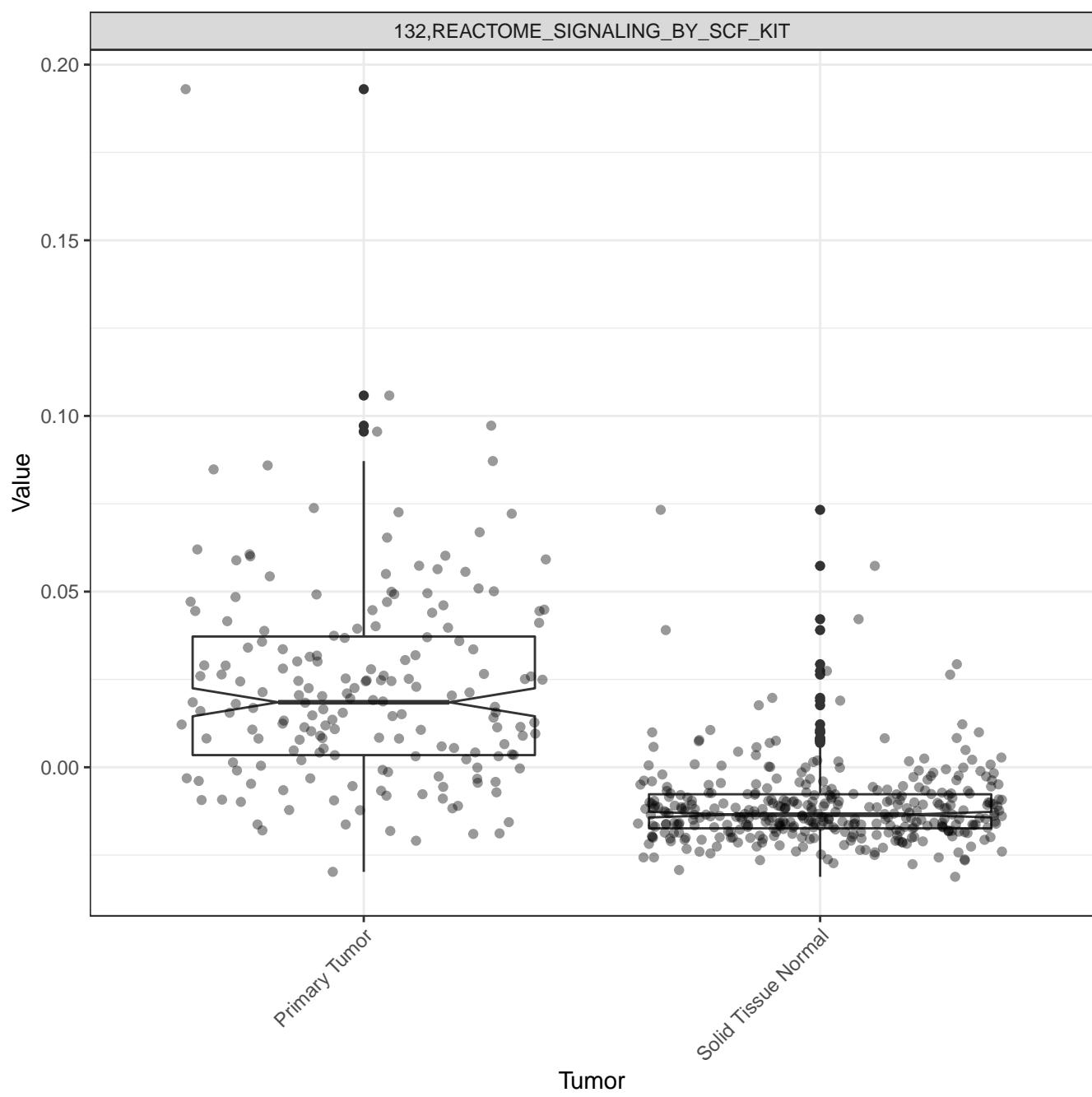
Primary Tumor

Solid Tissue Normal

Tumor



## 132,REACTOME\_SIGNALING\_BY\_SCF\_KIT



# 133,REACTOME\_IRON\_UPTAKE\_AND\_TRANSPORT

Value

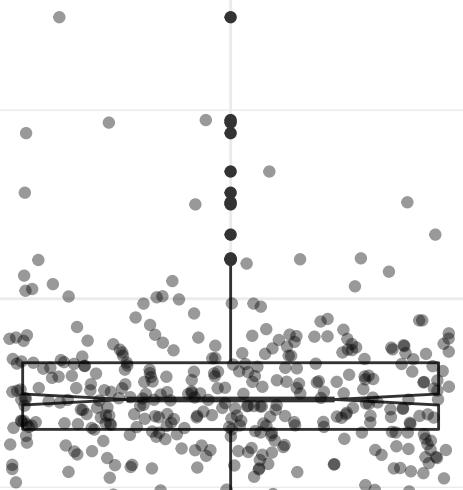
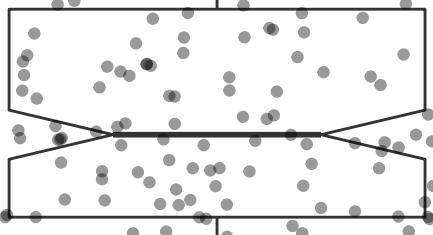
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



# 134,REACTOME\_DIABETES\_PATHWAYS

Value

0.10

0.05

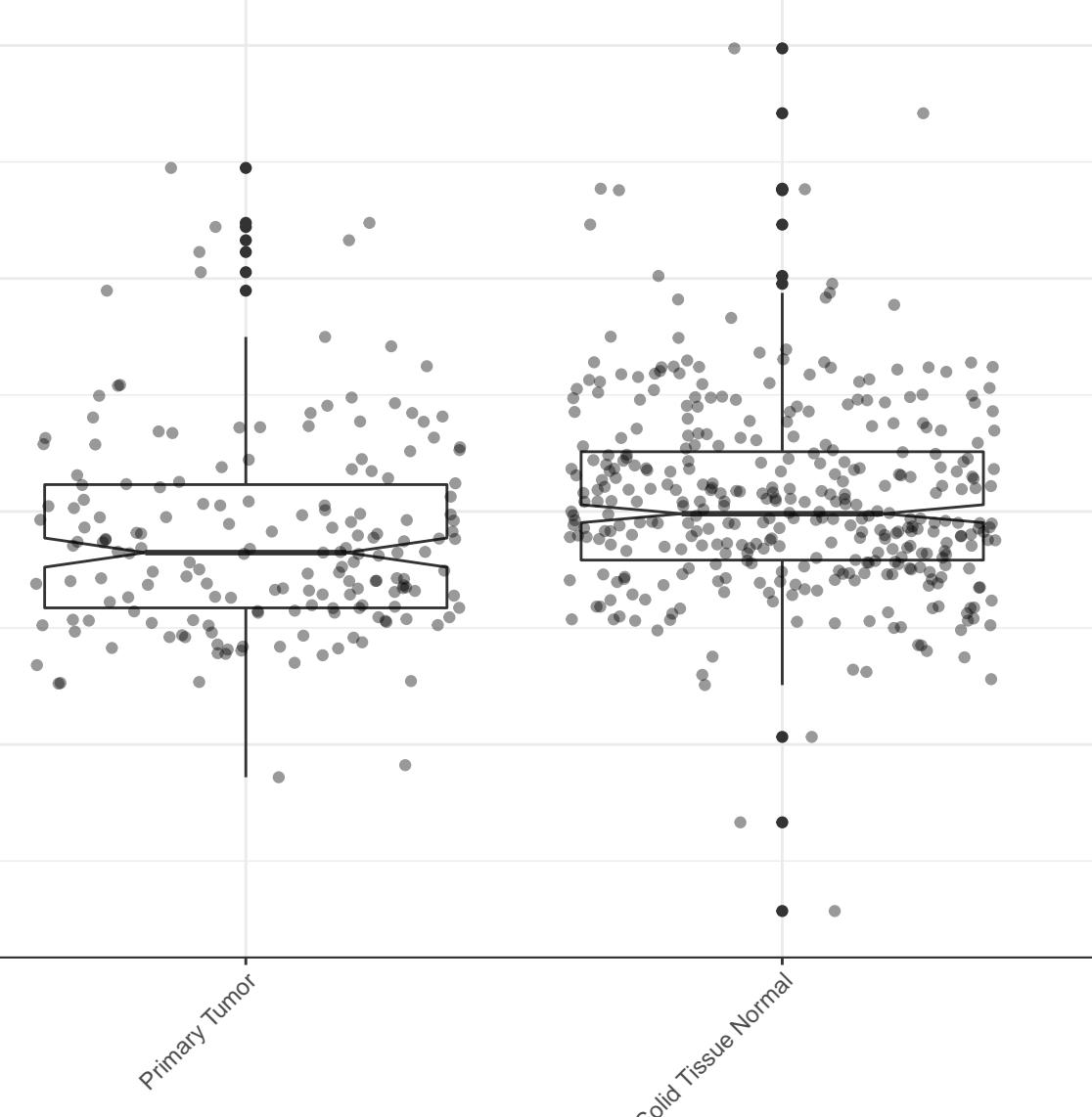
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.15

0.10

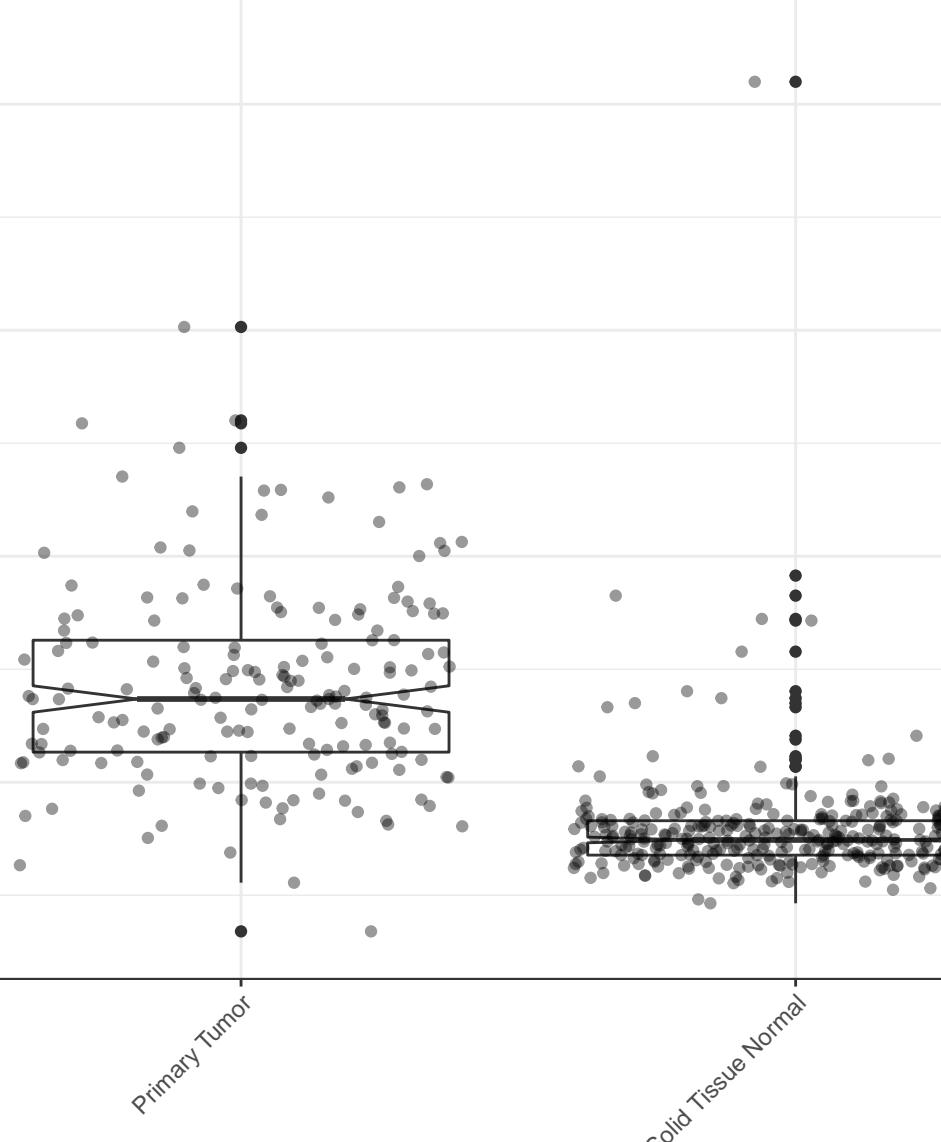
0.05

0.00

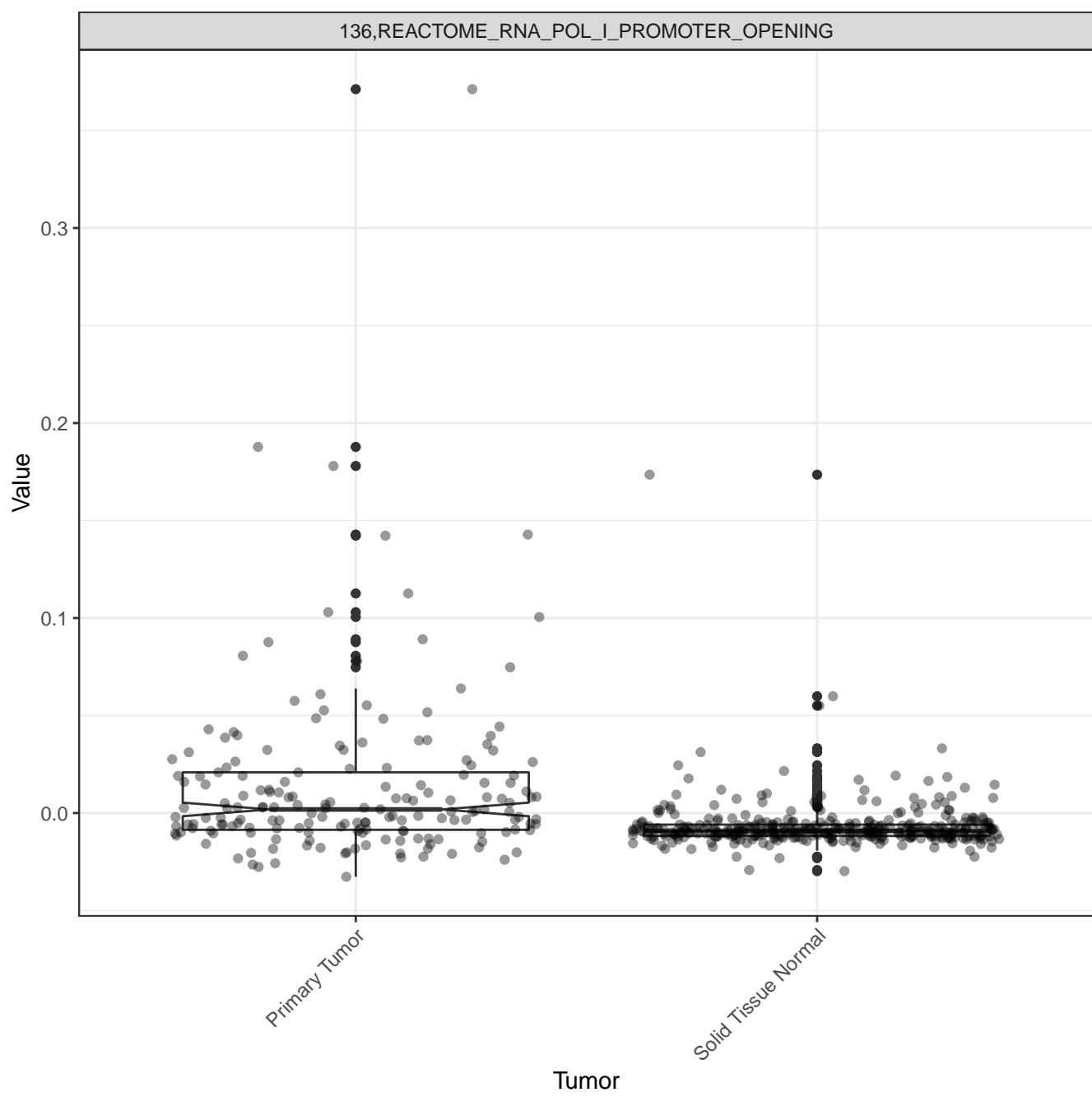
Primary Tumor

Solid Tissue Normal

Tumor



# 136,REACTOME\_RNA\_POL\_I\_PROMOTER\_OPENING



# 137,REACTOME\_GOLGI\_ASSOCIATED\_VESICLE\_BIOGENESIS

Value

0.10

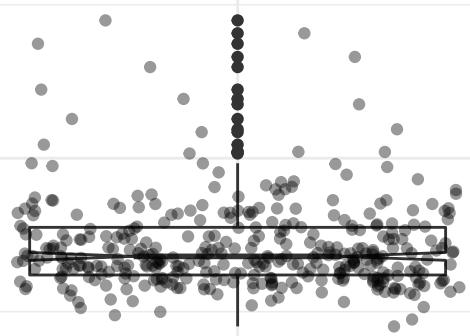
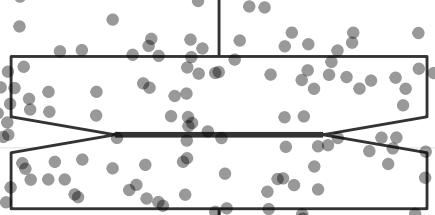
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



## 138,IRIS\_CD4Tcell-Th2-restimulated12hour

Value

0.08

0.04

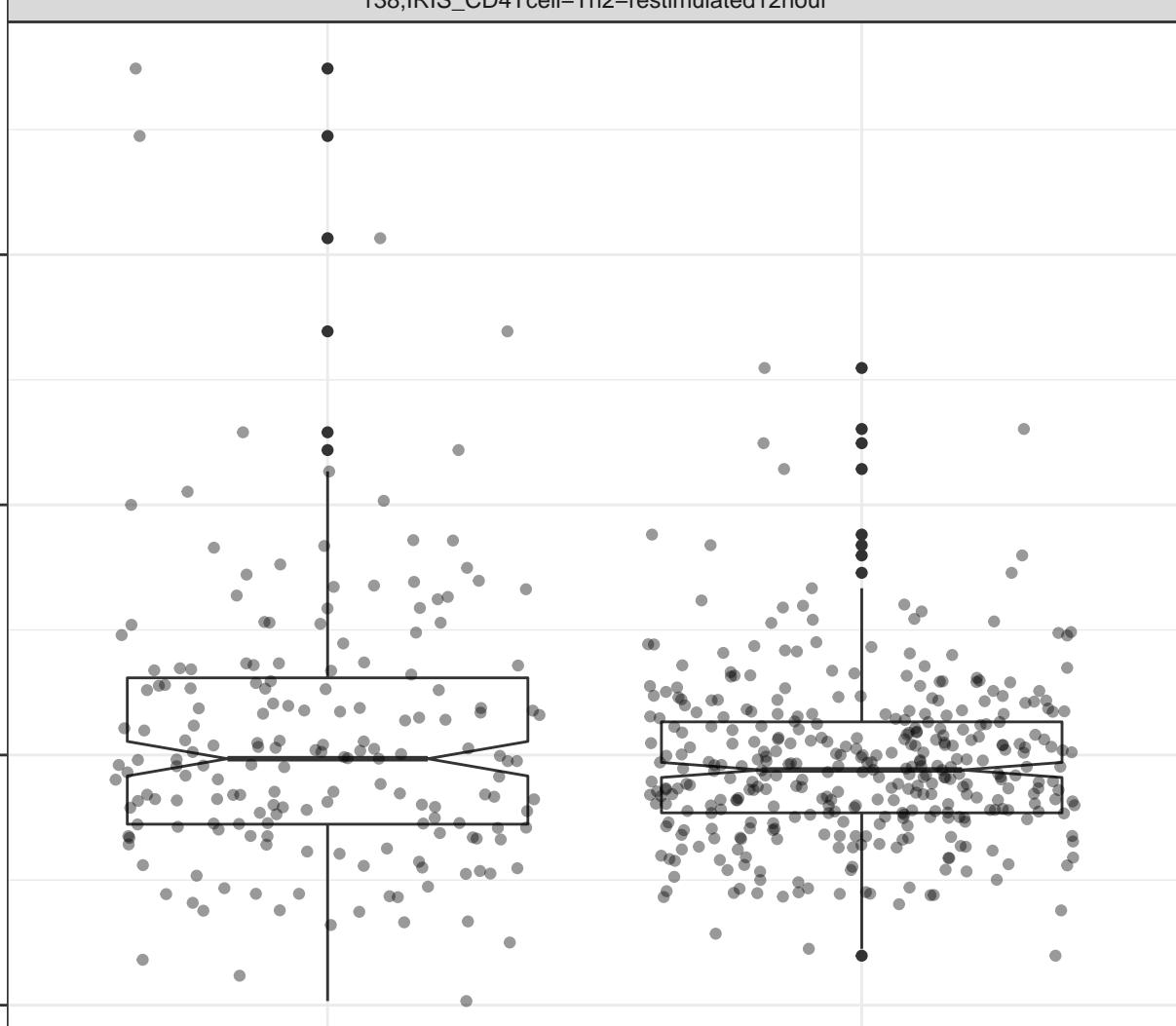
0.00

-0.04

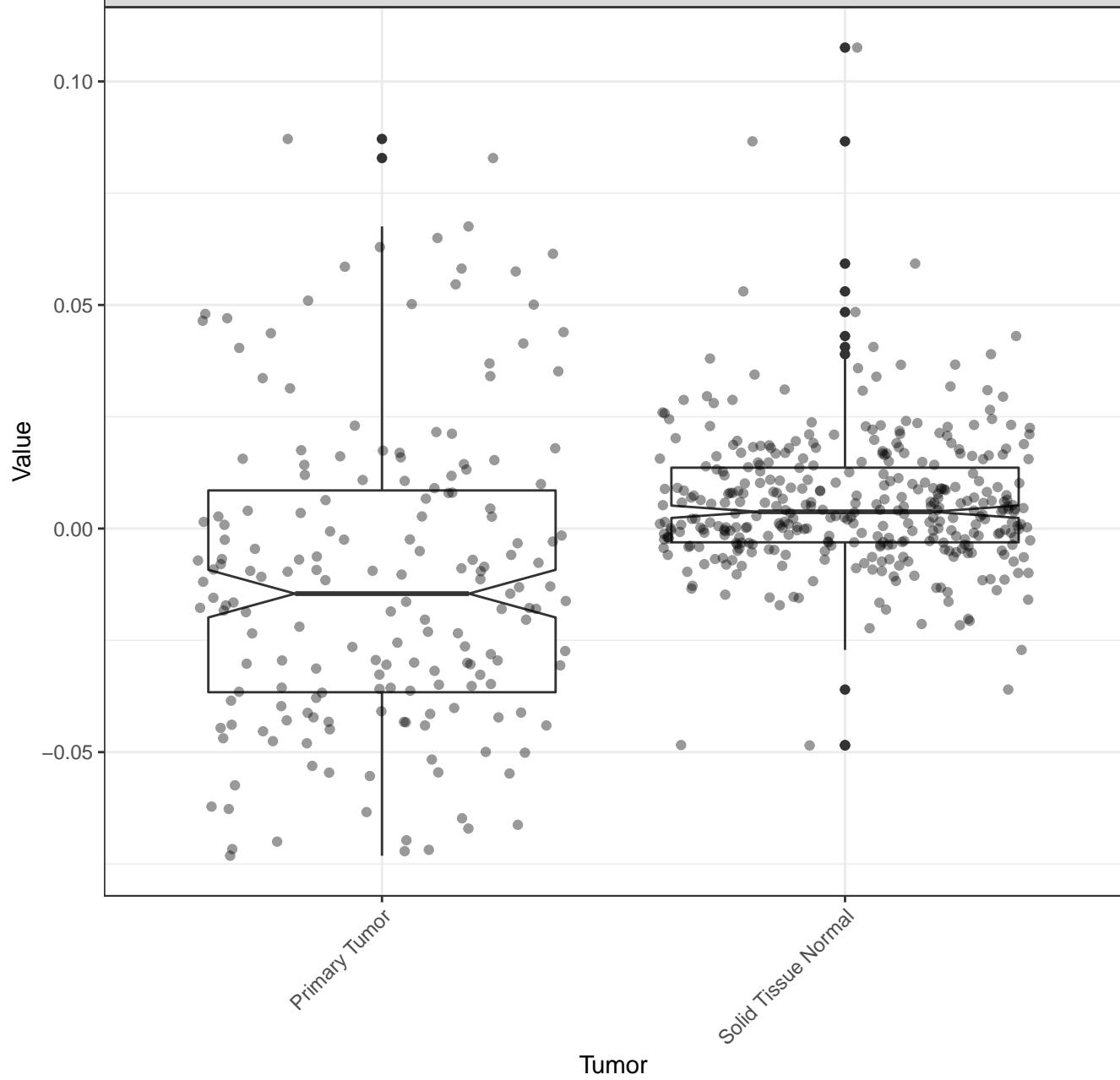
Primary Tumor

Solid Tissue Normal

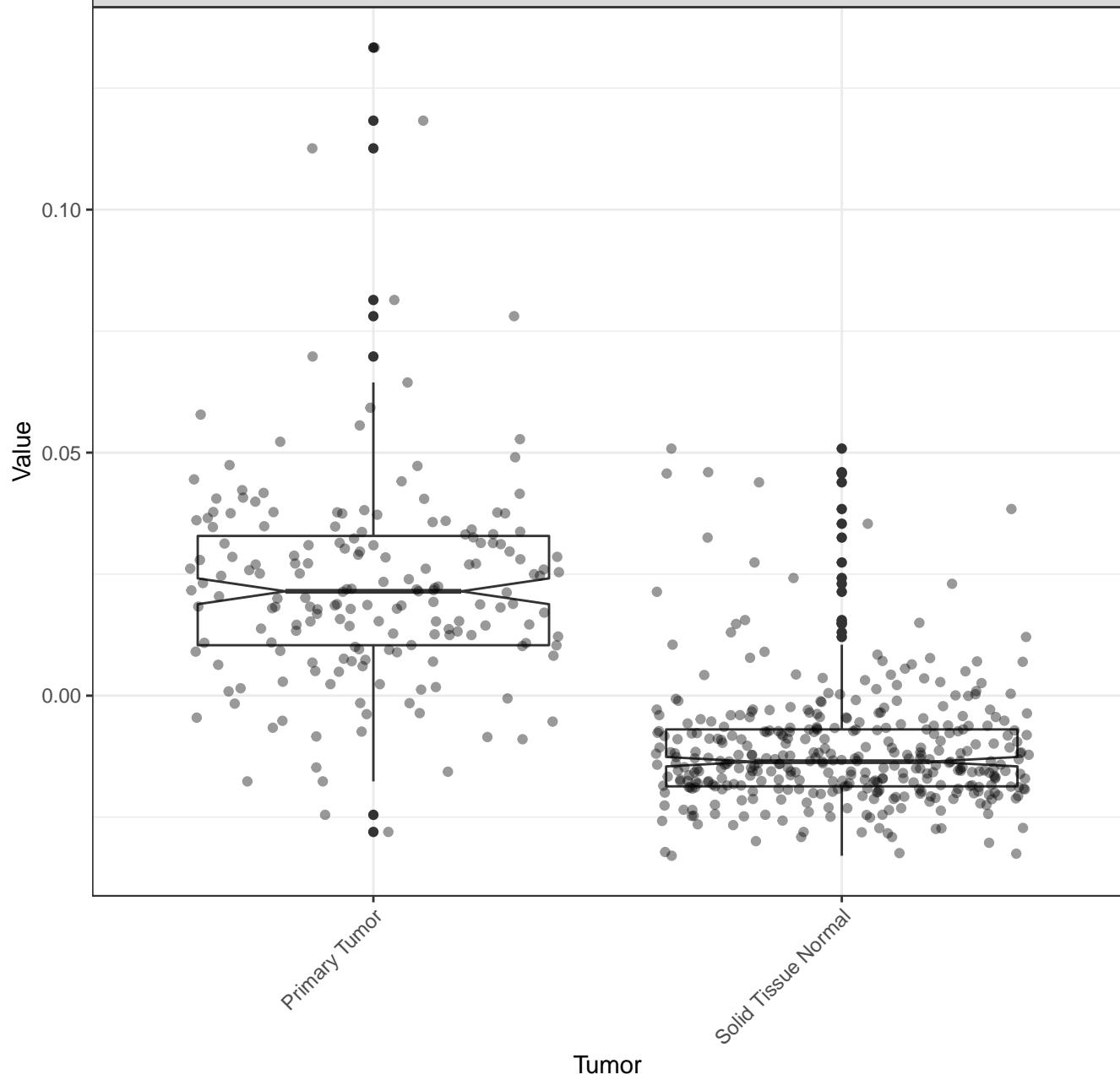
Tumor

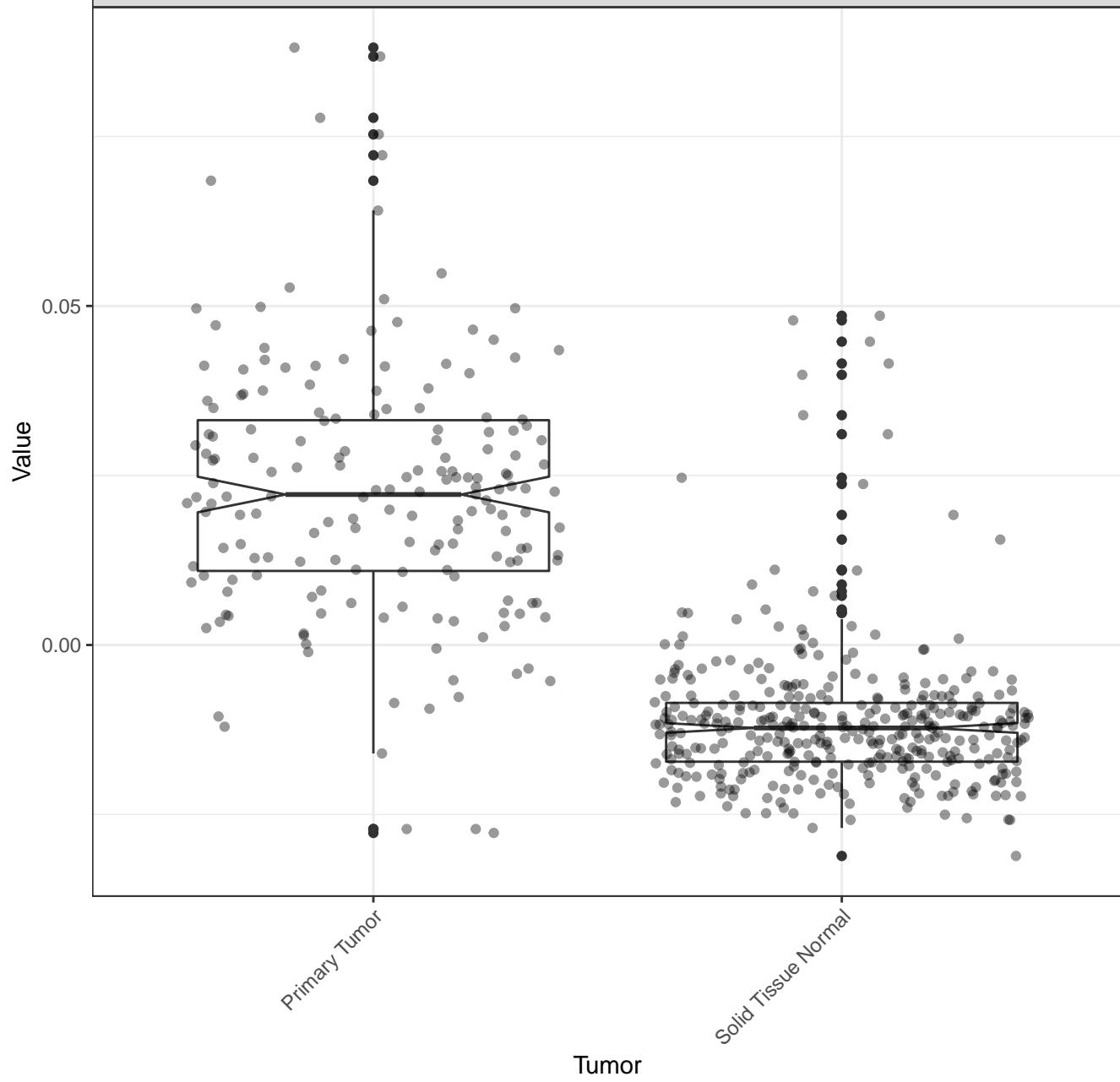


## 139,REACTOME\_TRANSPORT\_OF\_INORGANIC\_CATIONS\_ANIONS\_AND\_AMINO\_ACIDS\_OLIGOPEPTIDES



## 140,PID\_FGF\_PATHWAY





# 142,KEGG\_METABOLISM\_OF\_XENOBIOTICS\_BY\_CYTOCHROME\_P450

Value

0.15

0.10

0.05

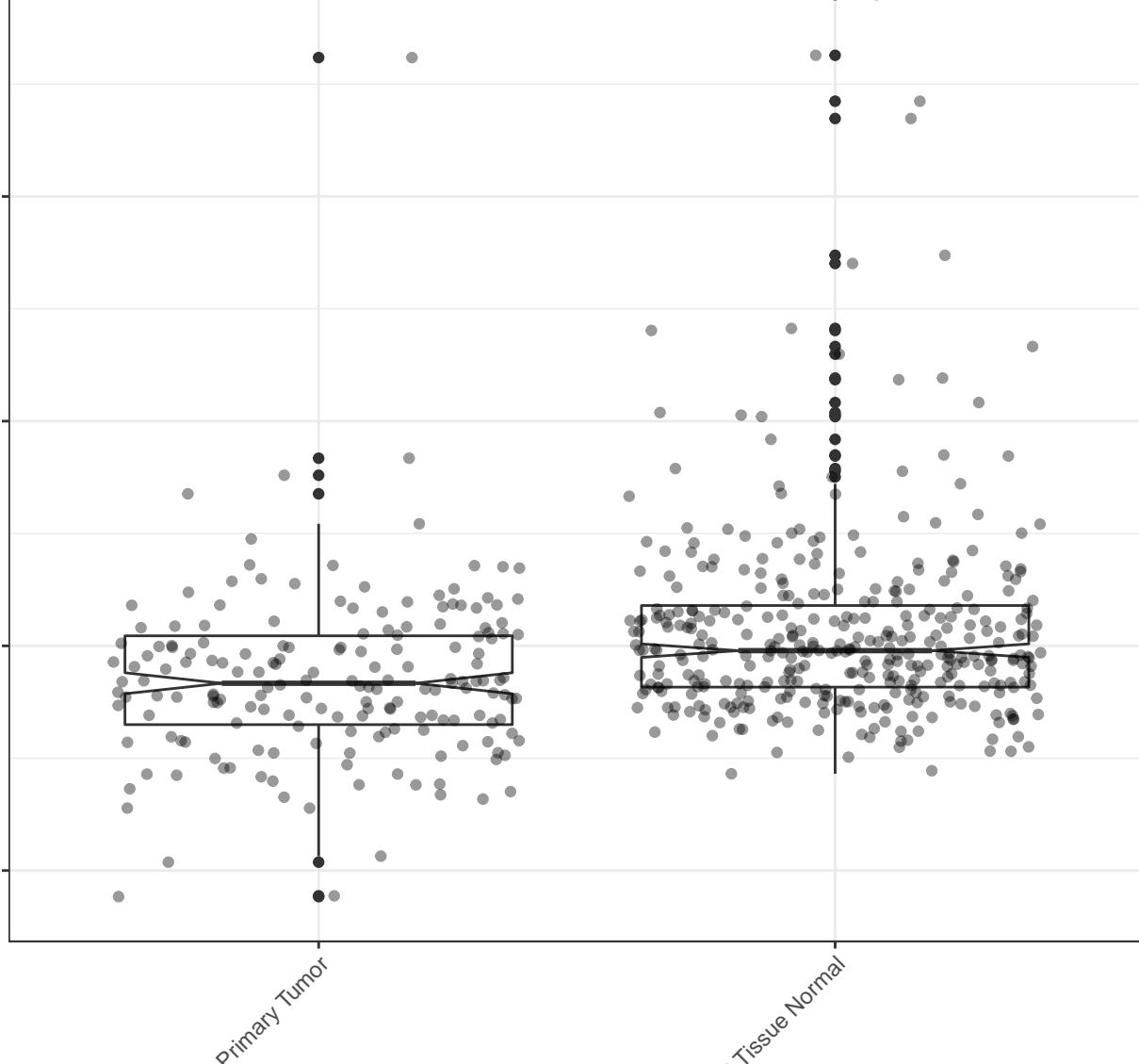
0.00

-0.05

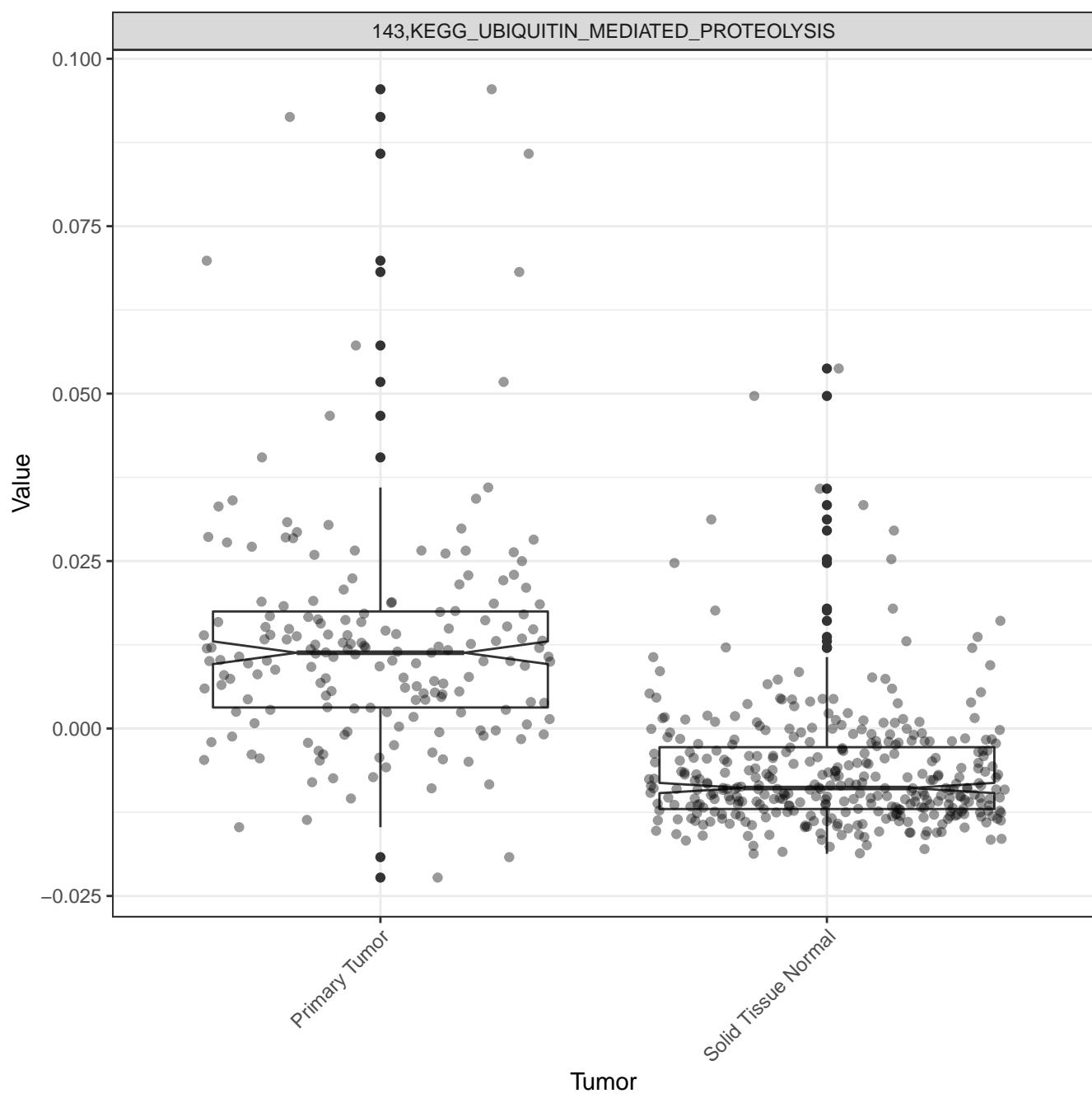
Primary Tumor

Solid Tissue Normal

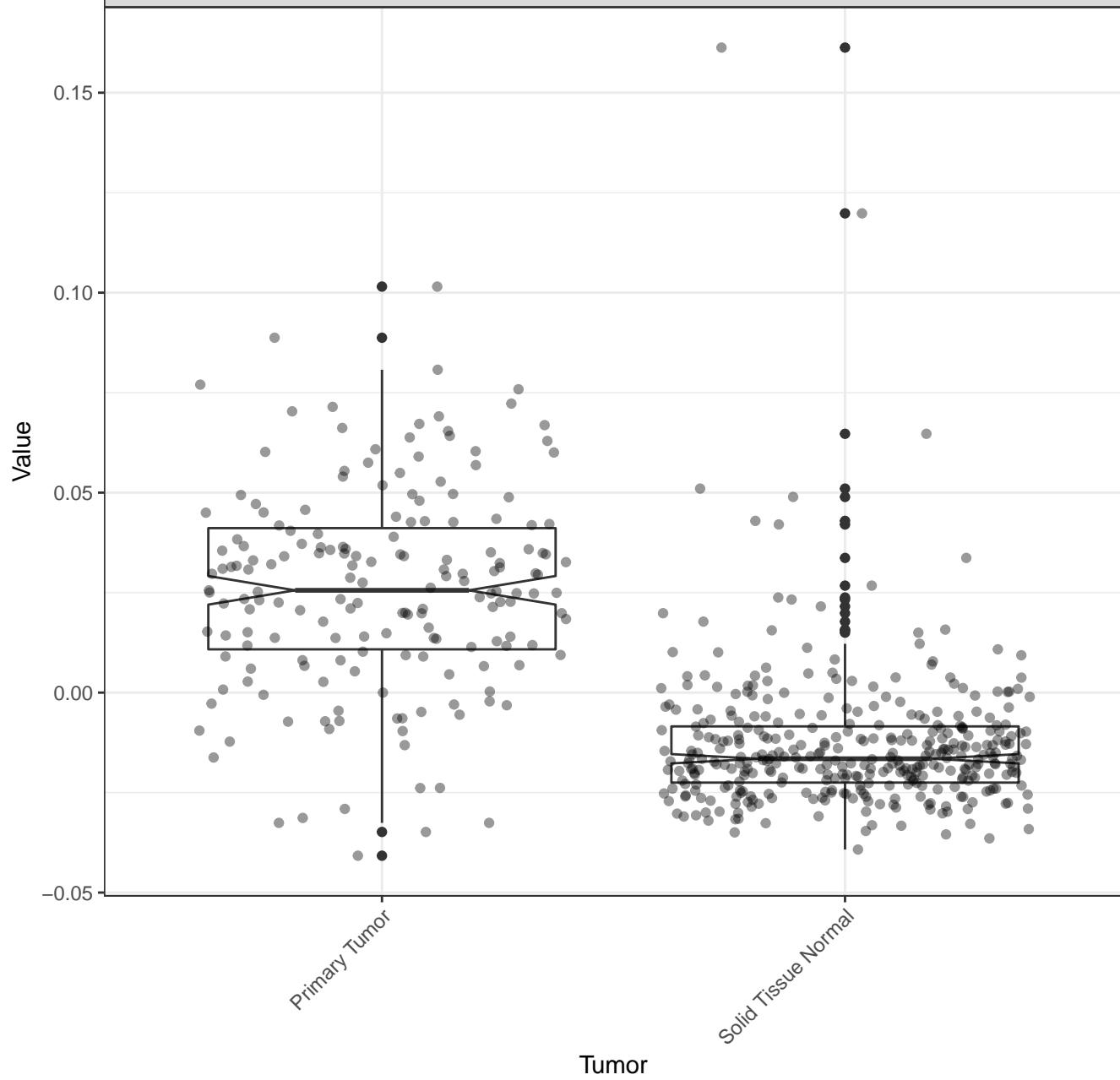
Tumor



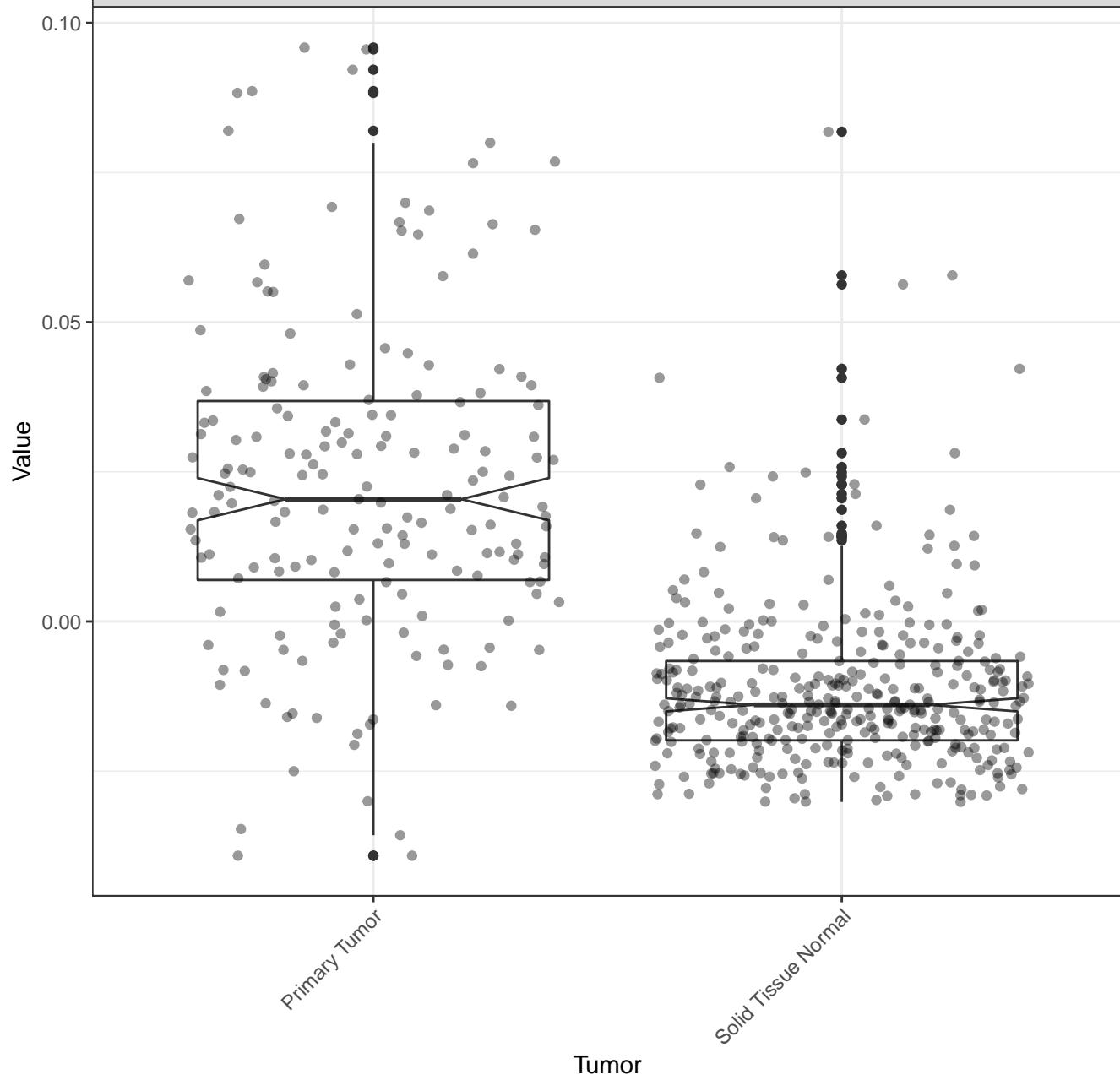
### 143,KEGG\_UBIQUITIN\_MEDiated\_PROTEOLYSIS



## 144,REACTOME\_SIGNALING\_BY\_RHO\_GTPASES

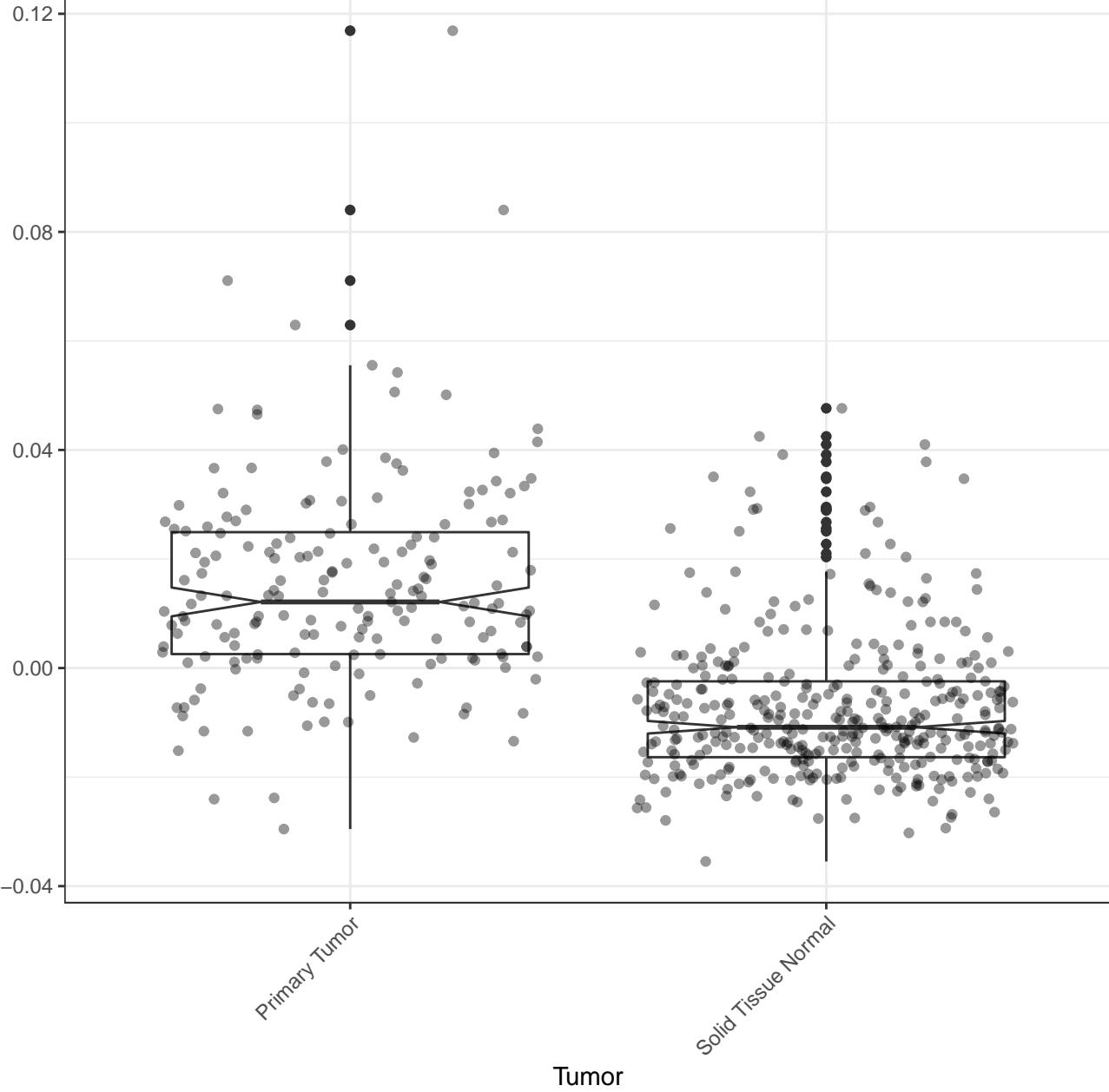


## 145,REACTOME\_SIGNALING\_BY\_ILS

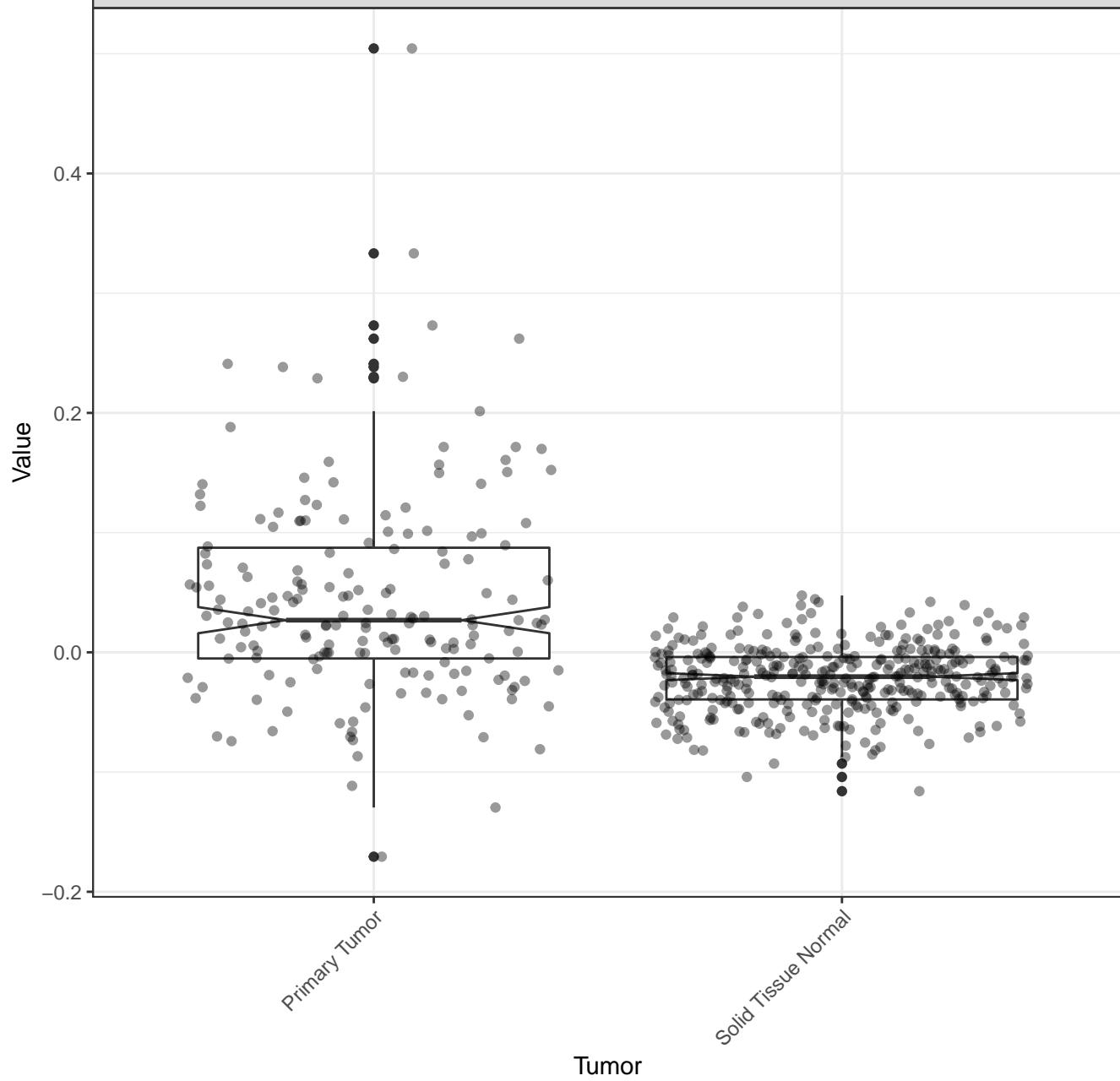


LV 146

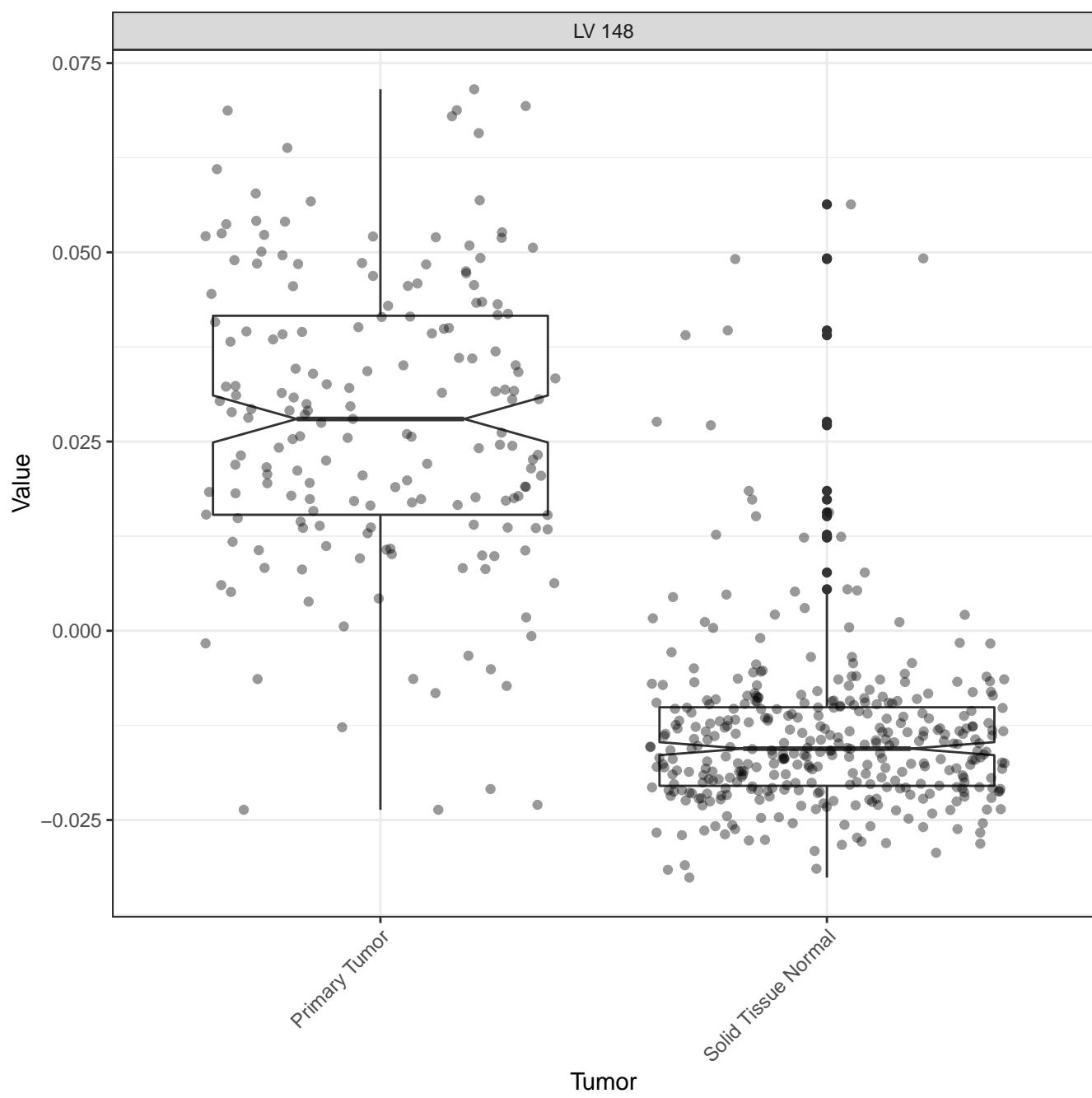
Value



# 147,PID\_AURORA\_B\_PATHWAY

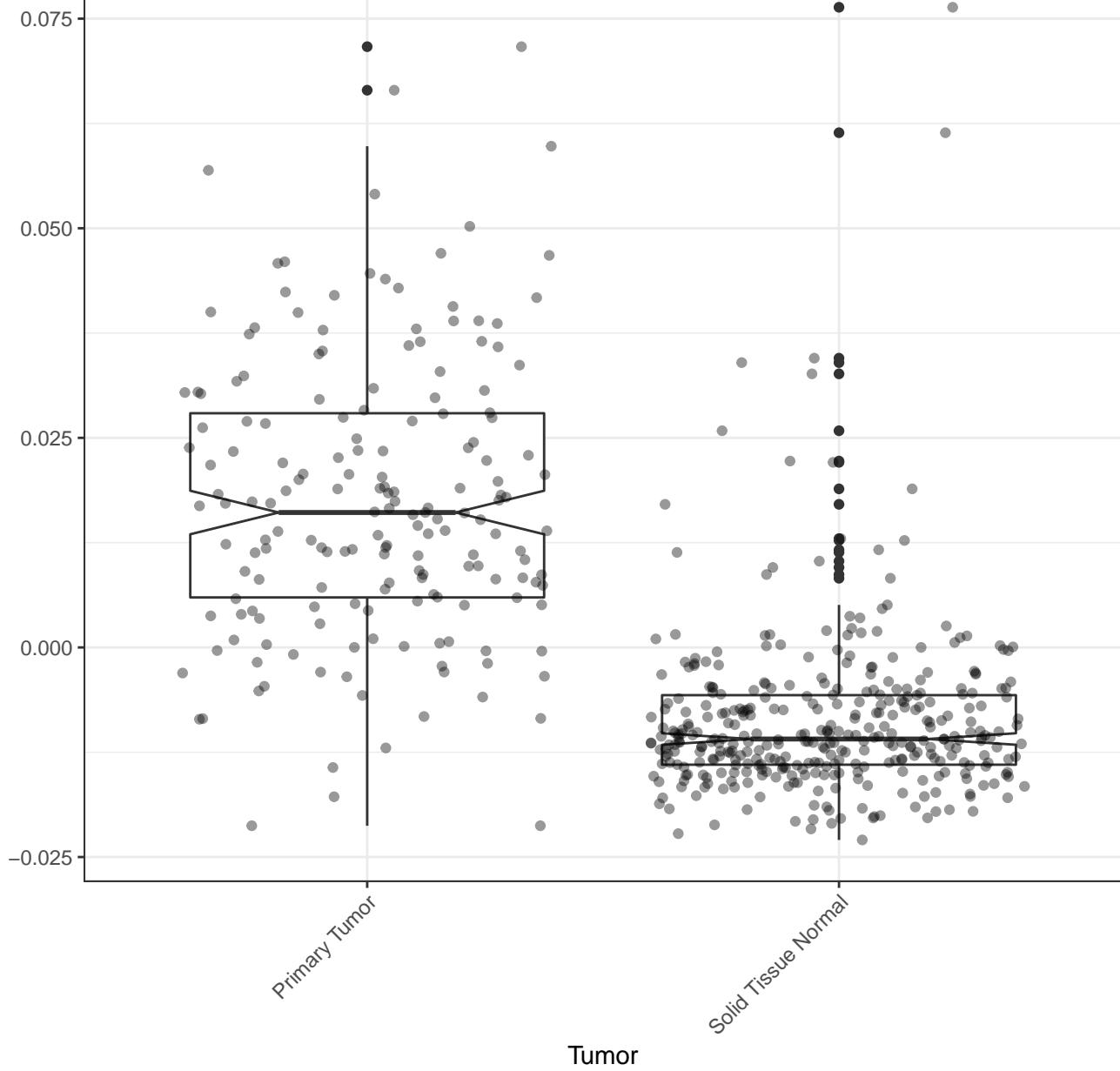


LV 148



## 149,SIG\_CD40PATHWAYMAP

Value



## 150,REACTOME\_ANTIGEN\_PROCESSING\_UBIQUITINATION\_PROTEASOME\_DEGRADATION

Value

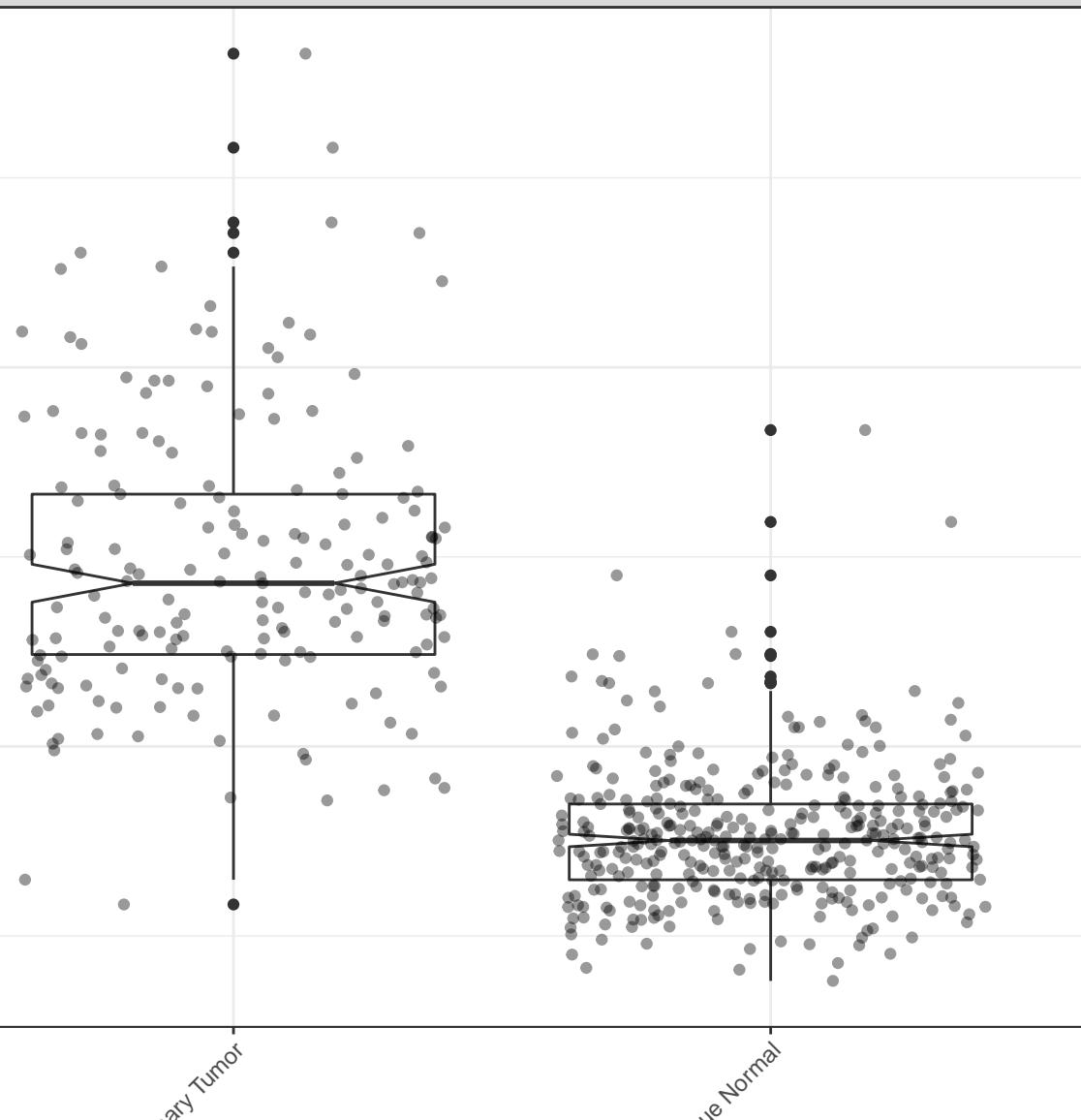
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



## 151,IRIS\_Monocyte–Day1

Value

0.10

0.05

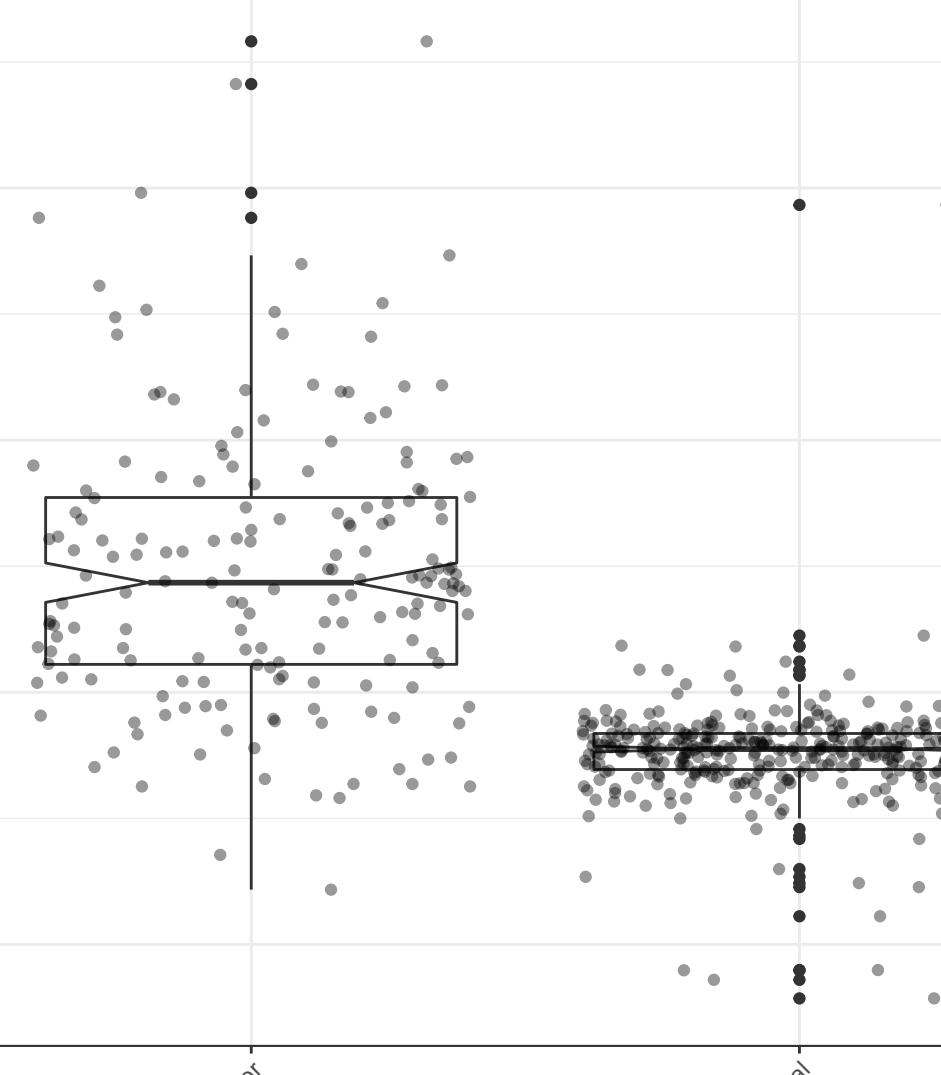
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



152,KEGG\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY\_ARVC

Value

0.2

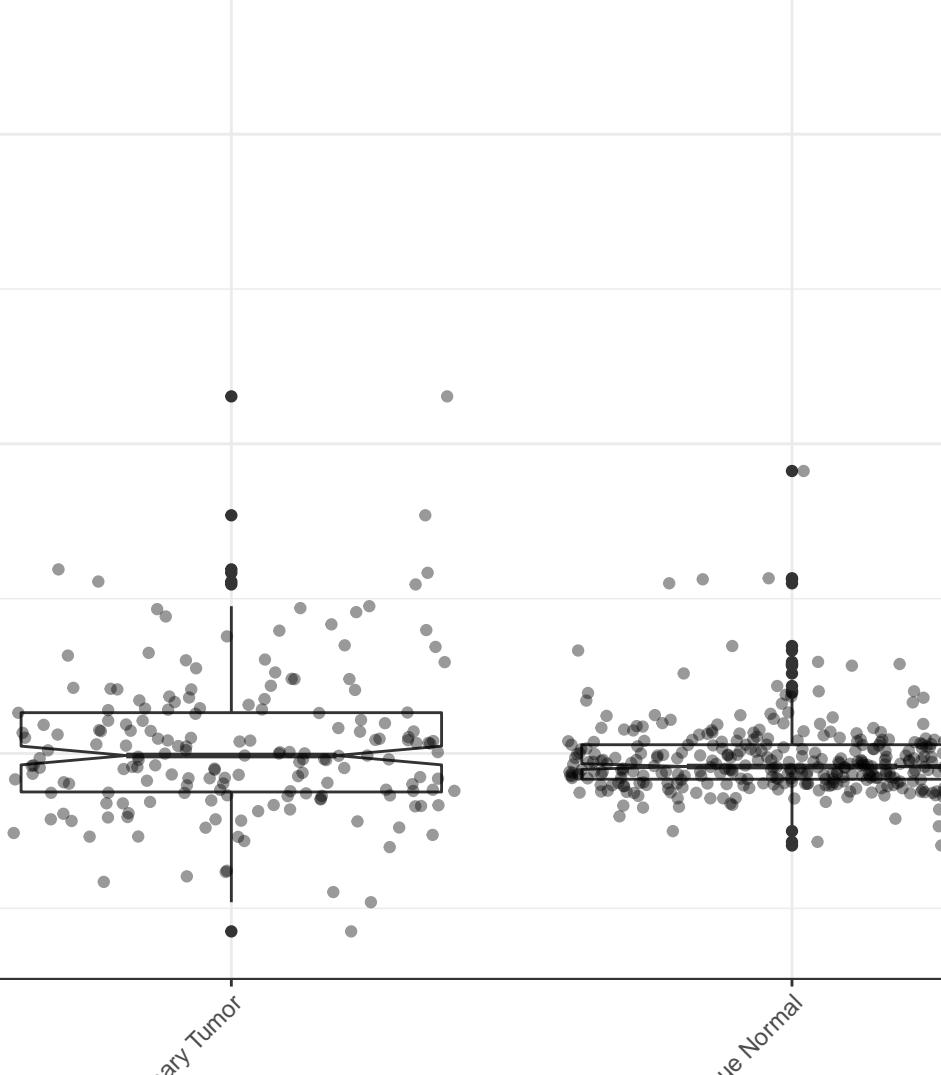
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



LV 153

Value

0.15

0.10

0.05

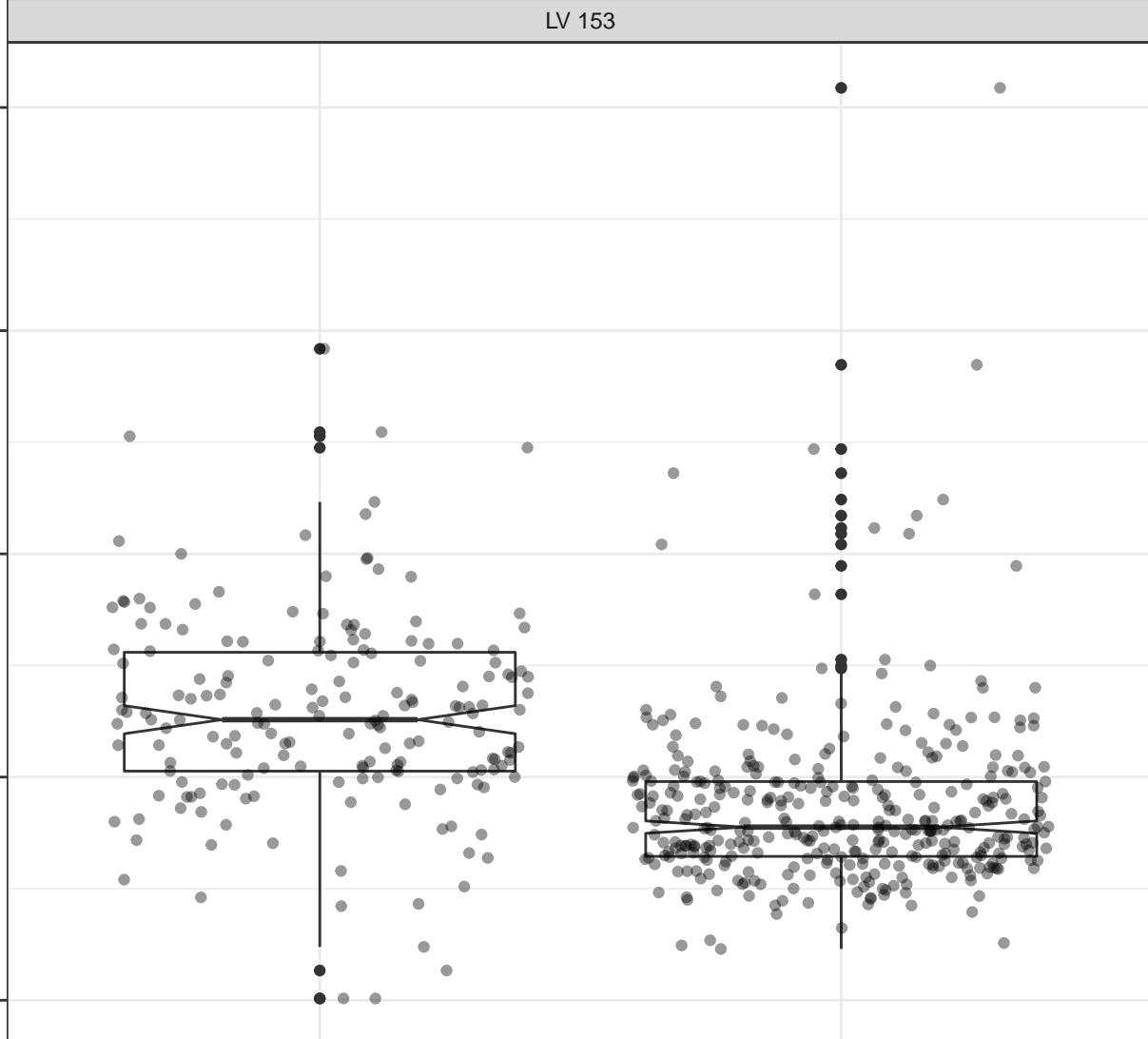
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 154,KEGG\_CYSTEINE\_AND\_METHIONINE\_METABOLISM

Value

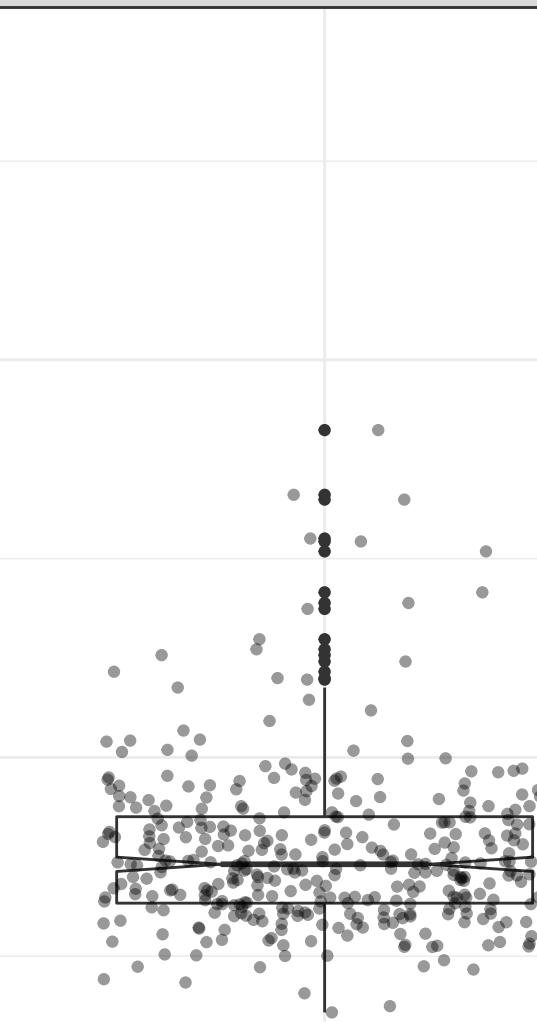
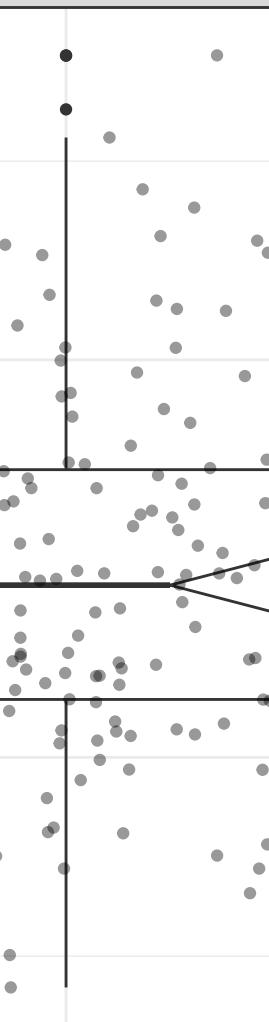
0.05

0.00

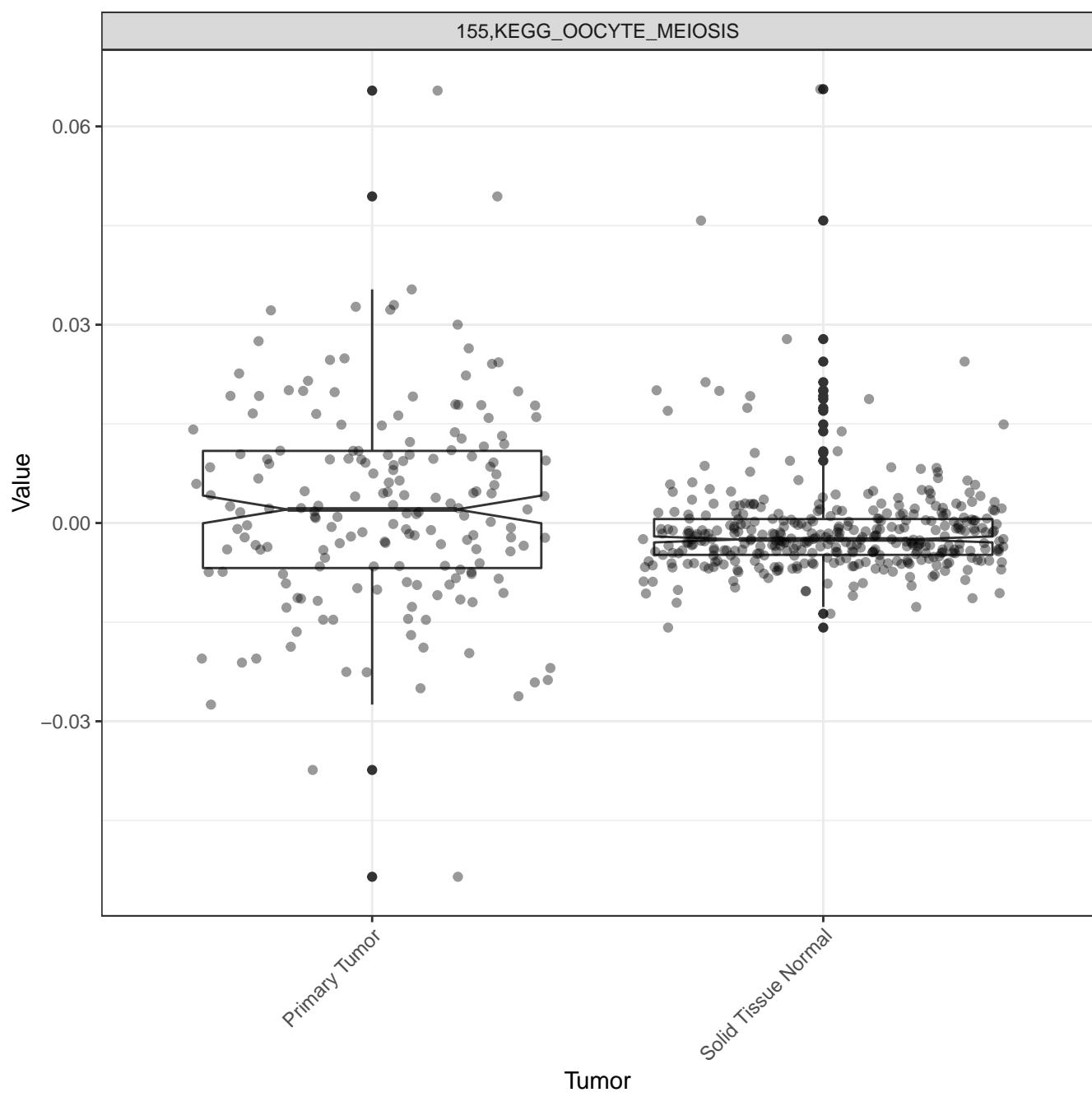
Primary Tumor

Tumor

Solid Tissue Normal



## 155,KEGG\_OOCYTE\_MEIOSIS



## 156,DMAP\_MONO2

Value

0.2

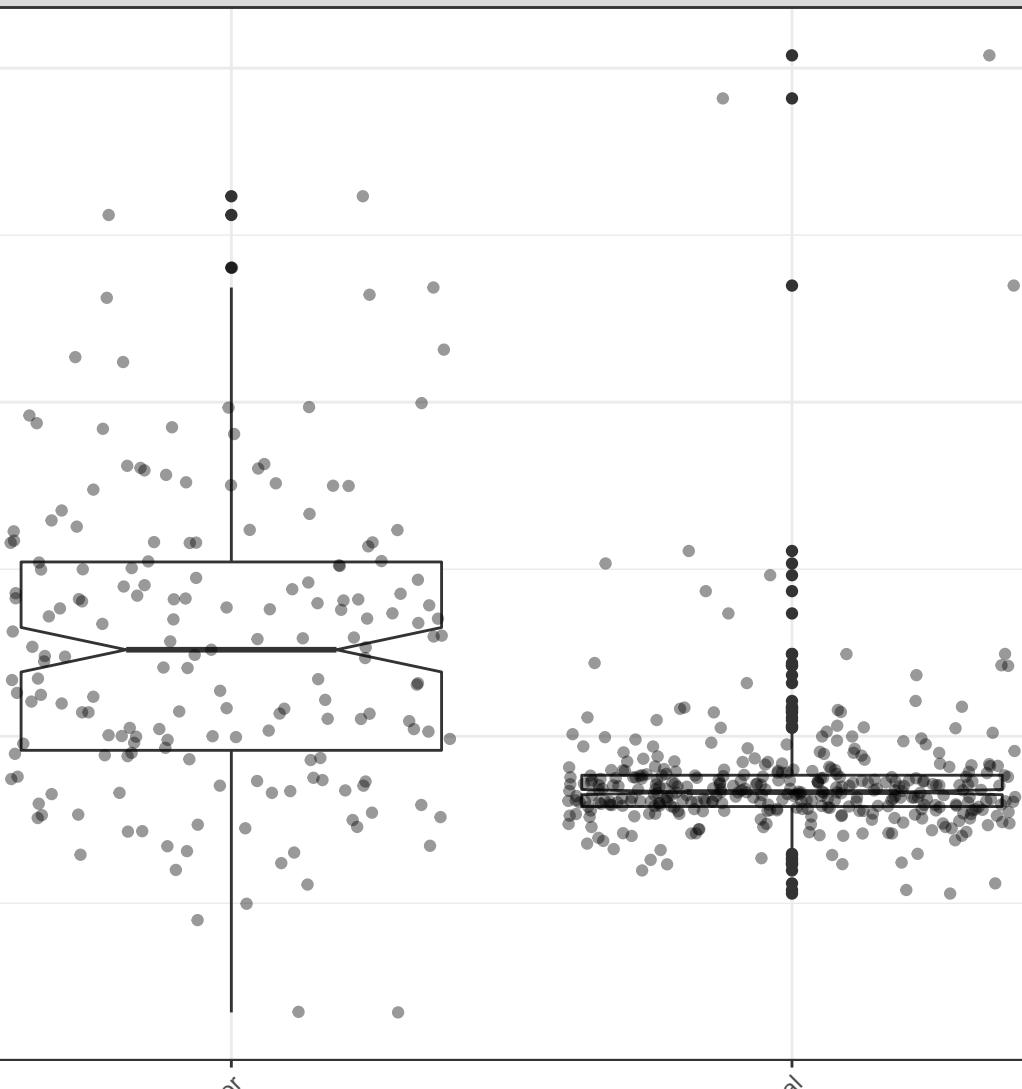
0.1

0.0

Primary Tumor

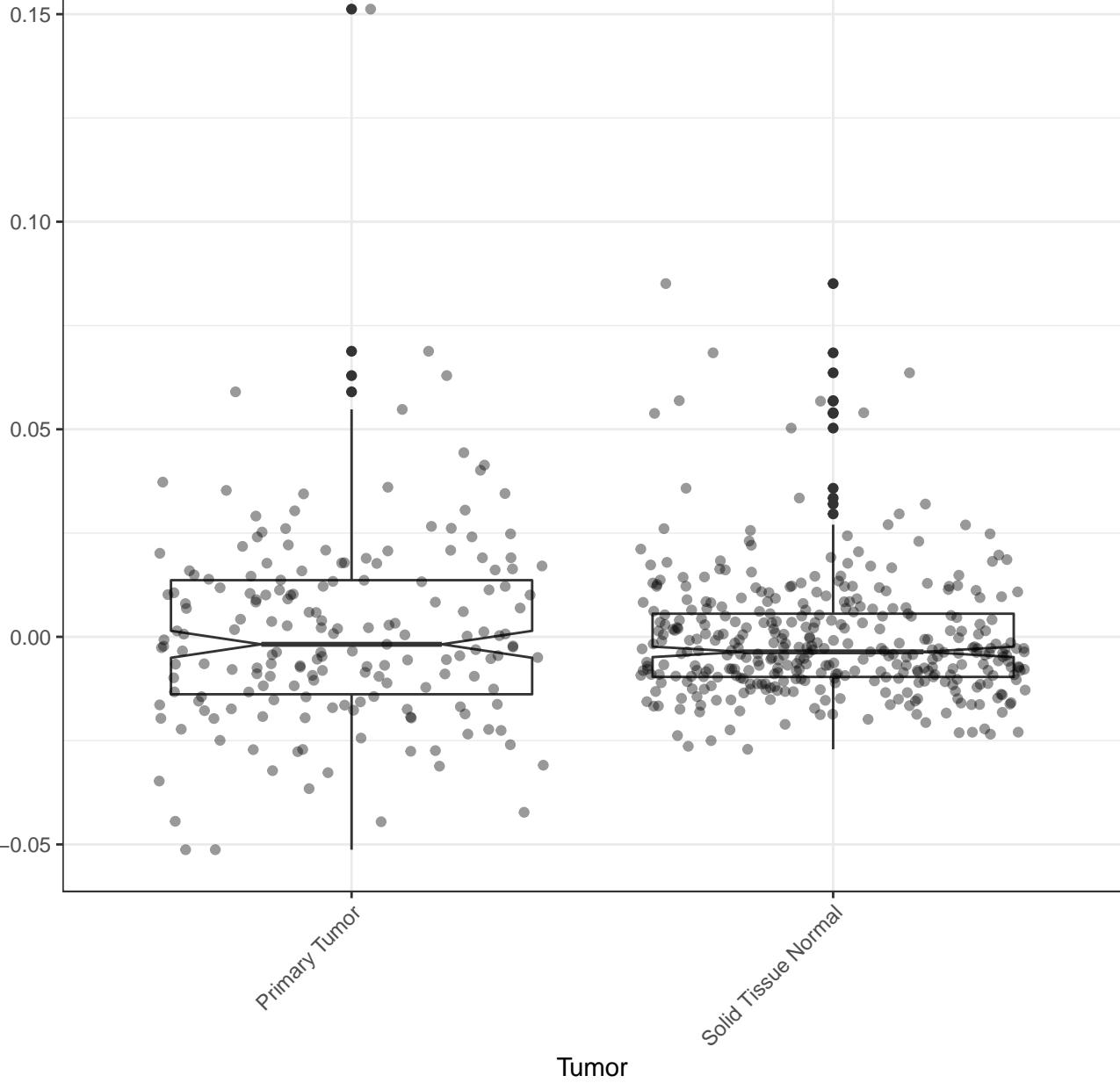
Solid Tissue Normal

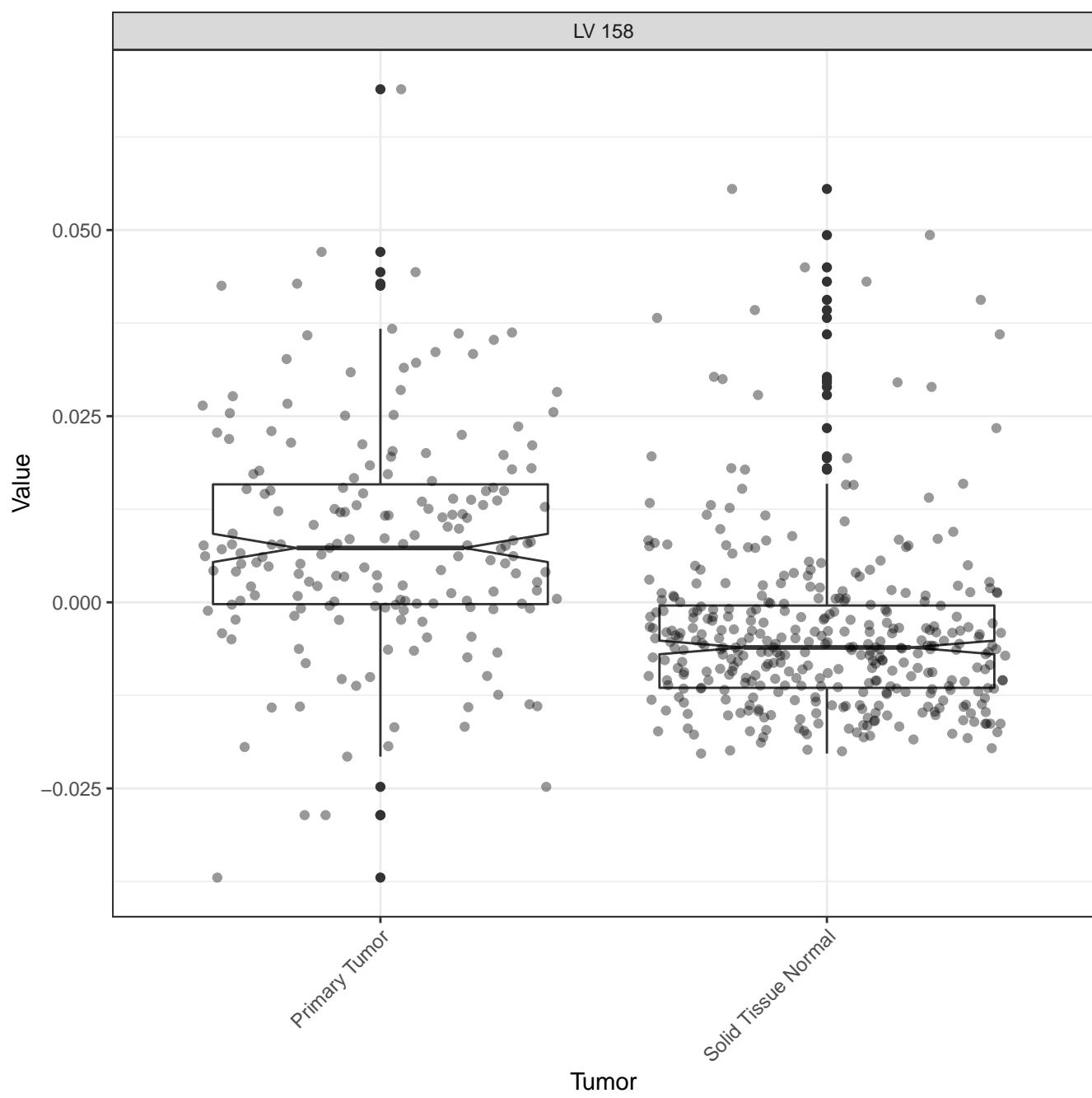
Tumor



## 157,PID\_HES\_HEYPATHWAY

Value





## 159,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

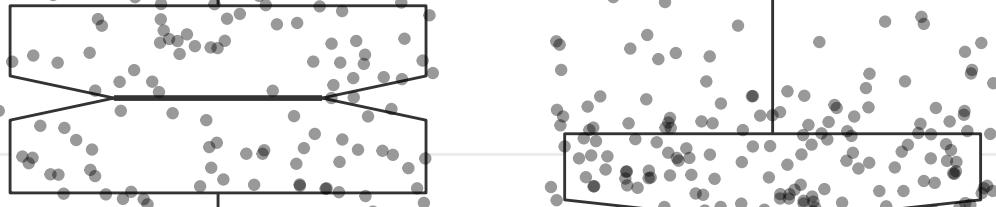
0.05

0.00

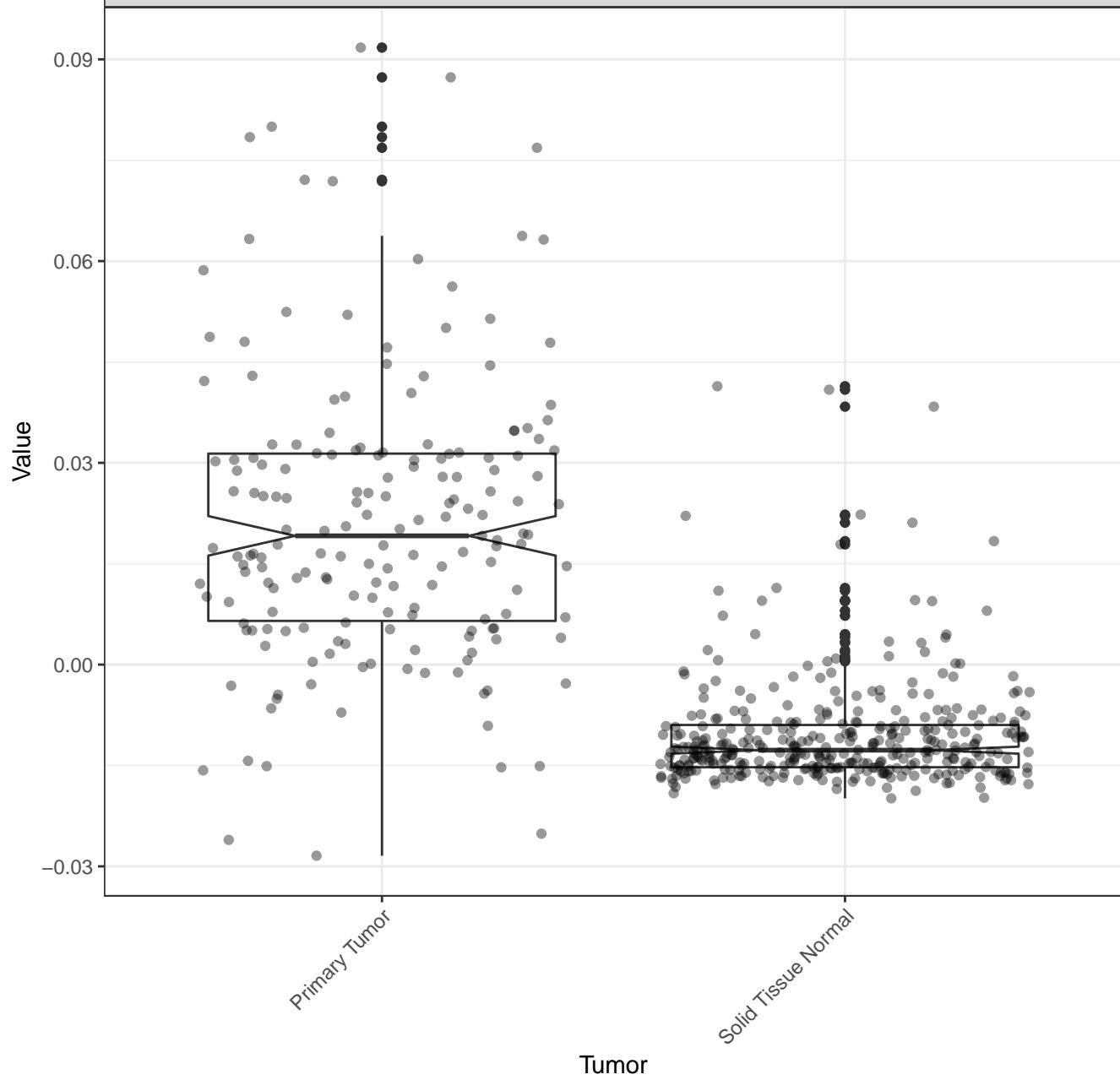
Primary Tumor

Tumor

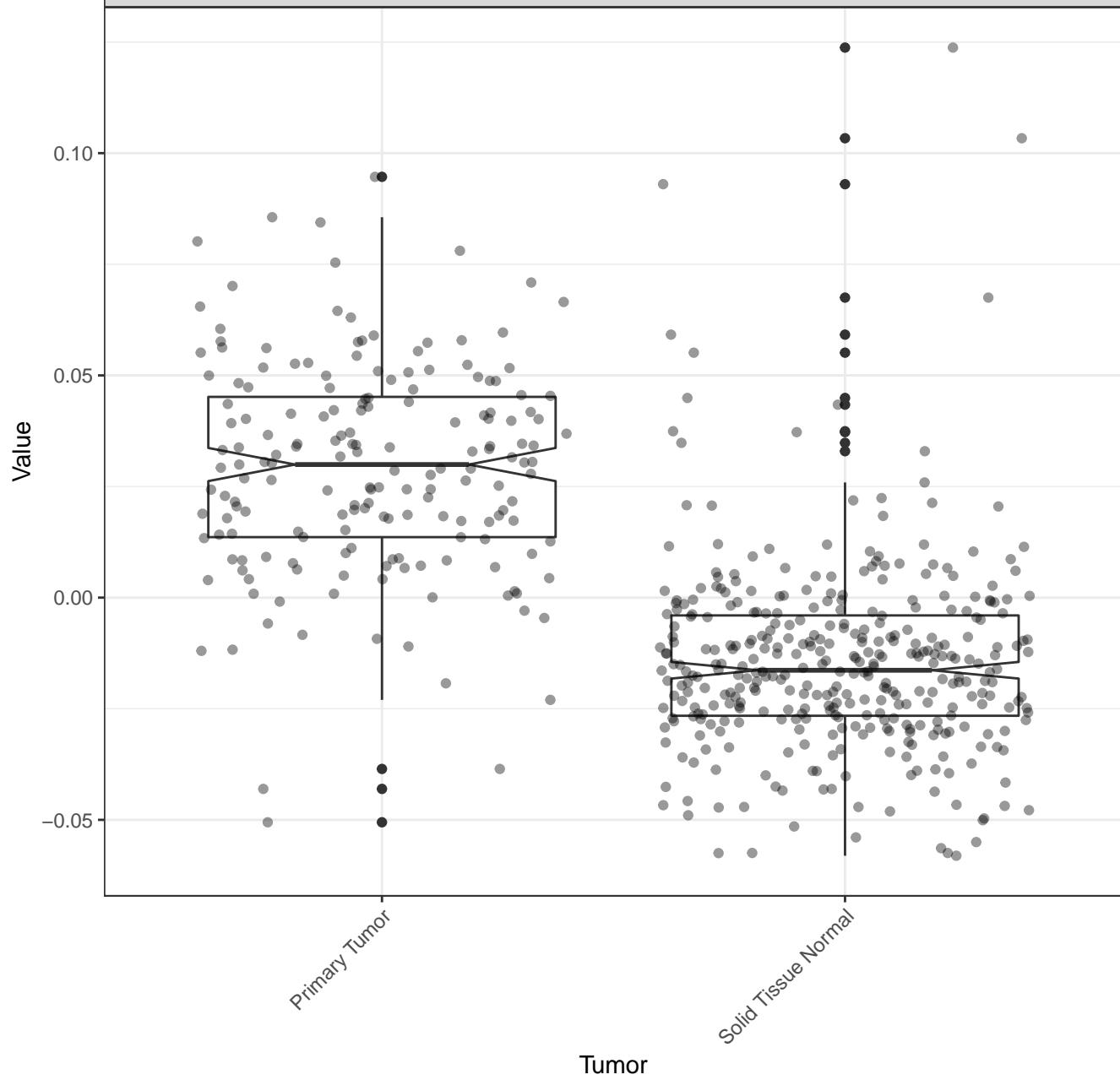
Solid Tissue Normal



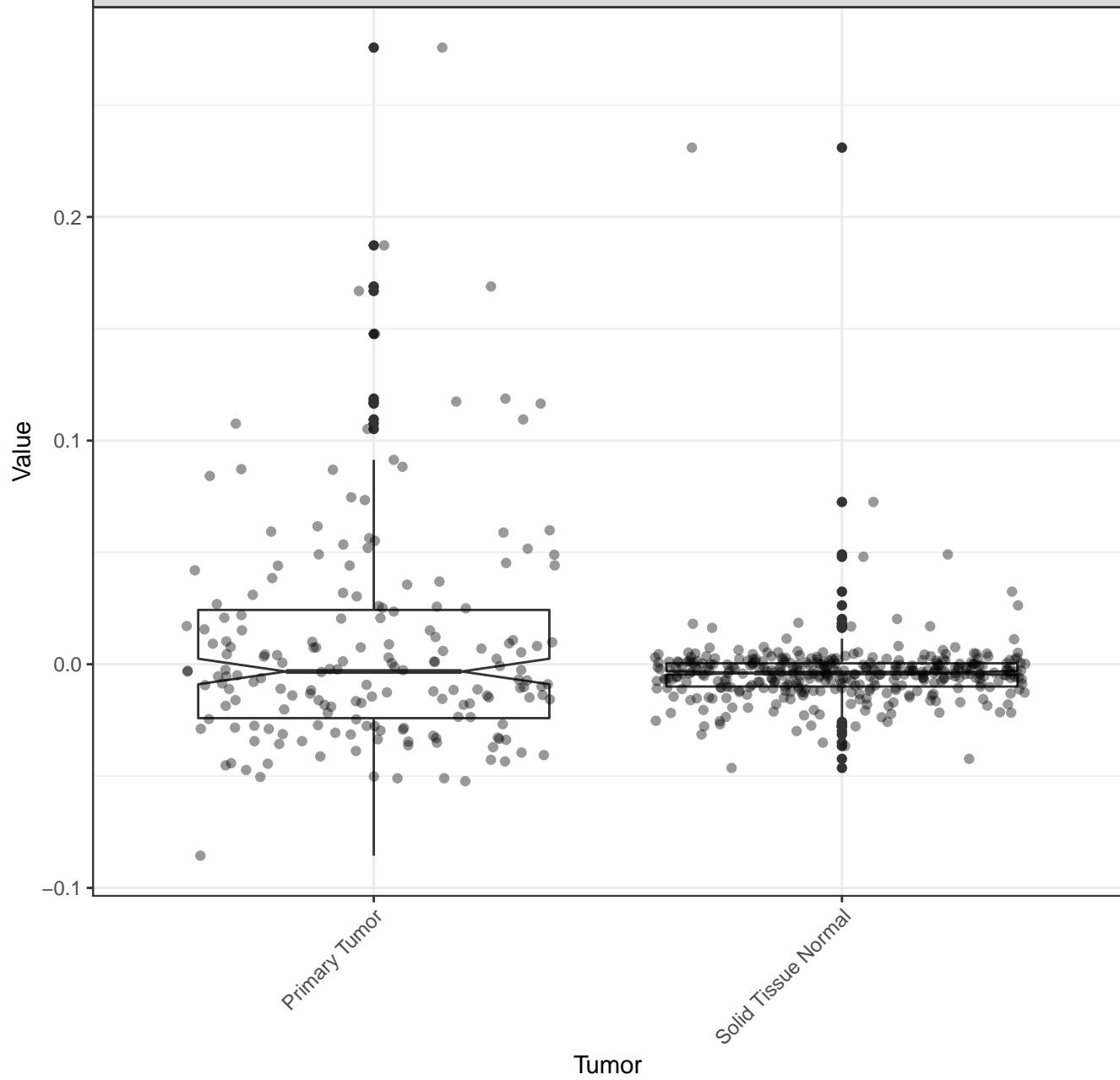
# 160,REACTOME\_GPCR\_DOWNSTREAM\_SIGNALING



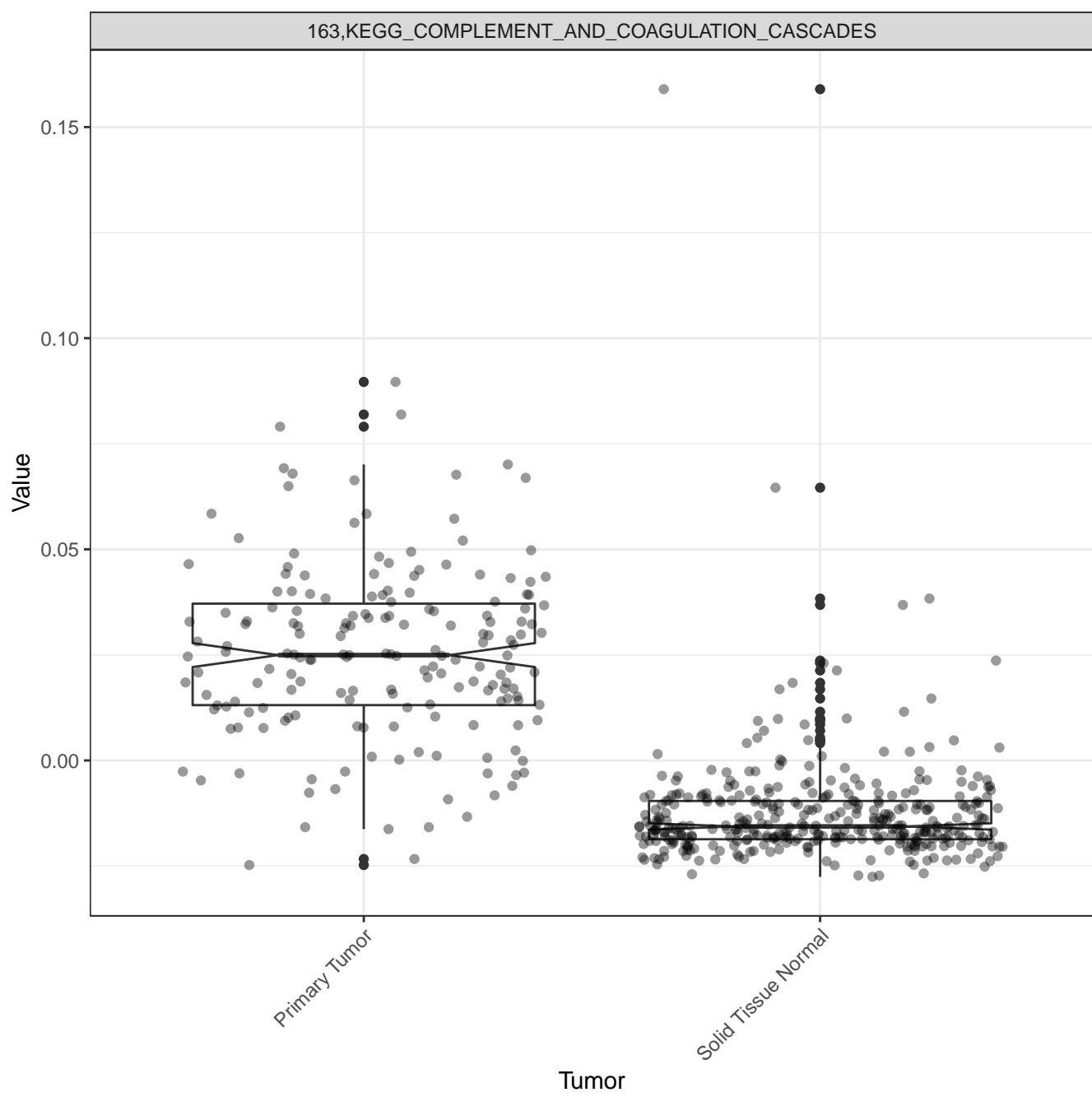
# 161,PID\_ARF6\_TRAFFICKINGPATHWAY



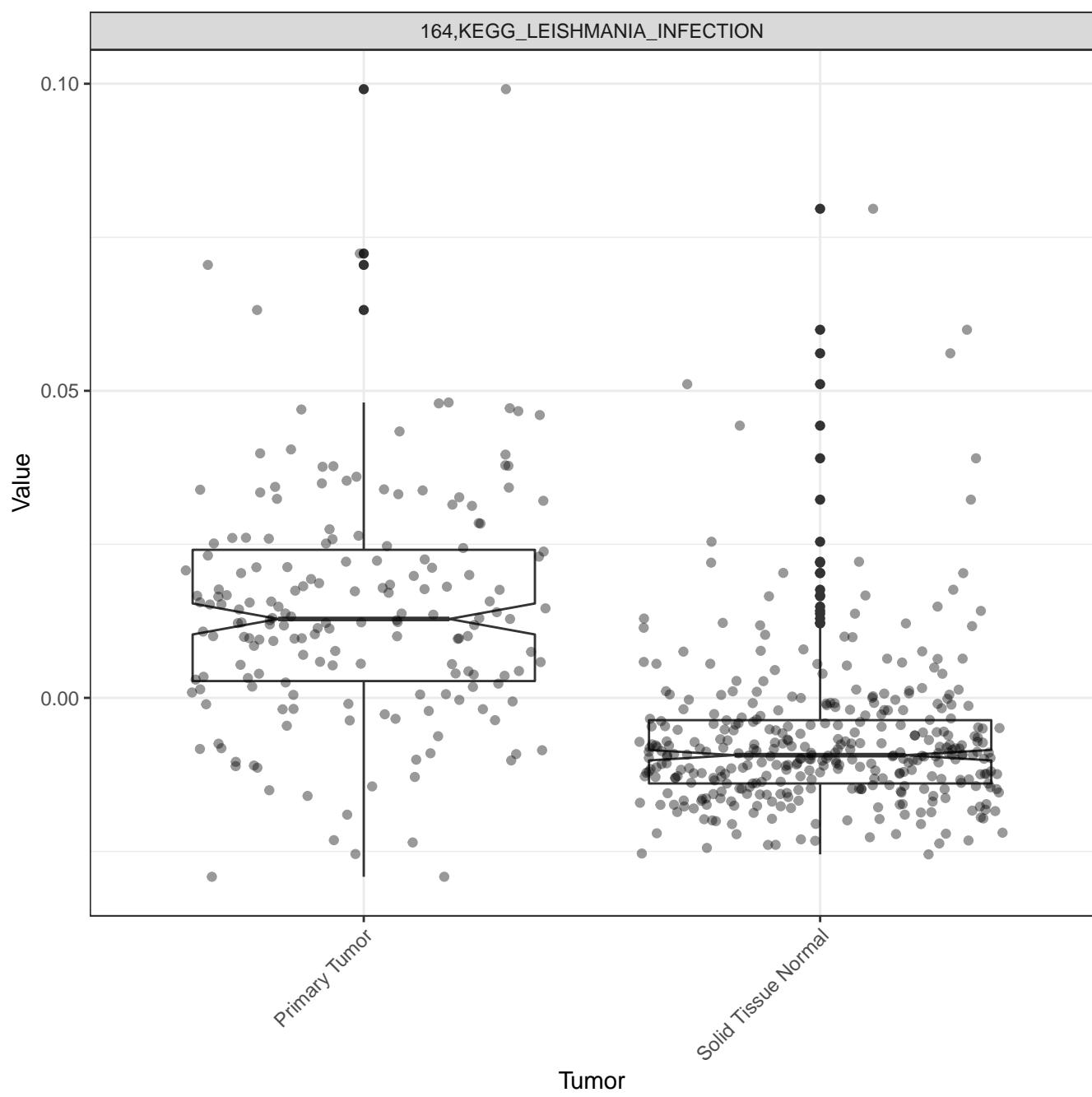
# 162,KEGG\_GLYCOLYSIS\_GLUCONEOGENESIS



### 163,KEGG\_COMPLEMENT\_AND\_COAGULATION\_CASCADES



# 164,KEGG\_LEISHMANIA\_INFECT



## 165,DMAP\_MECA1

Value

0.15

0.10

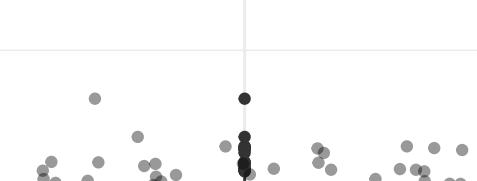
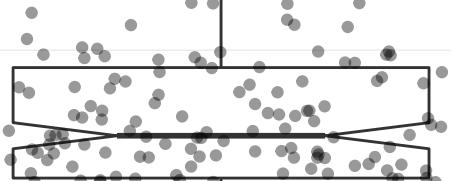
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



LV 166

Value

0.10

0.05

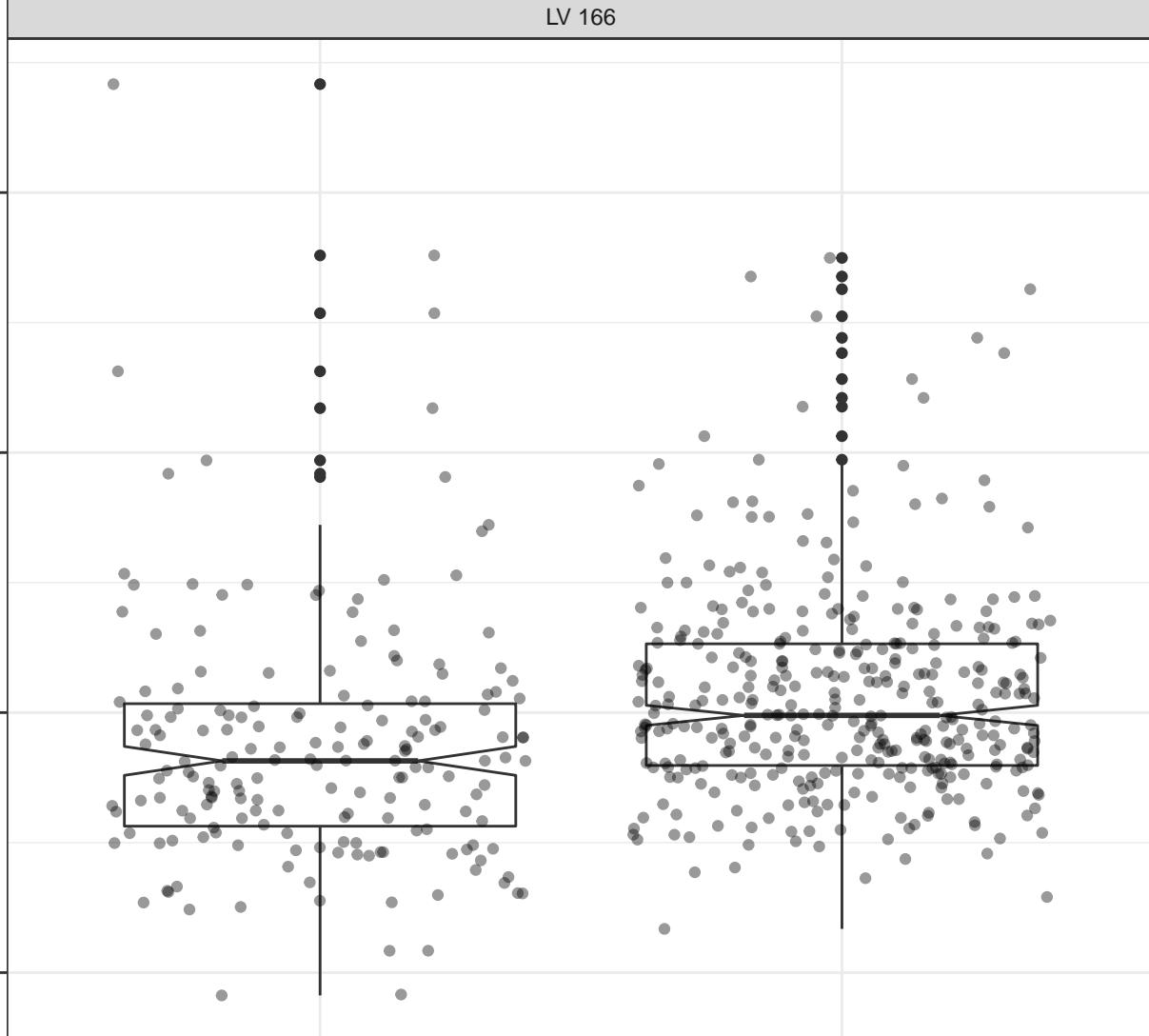
0.00

-0.05

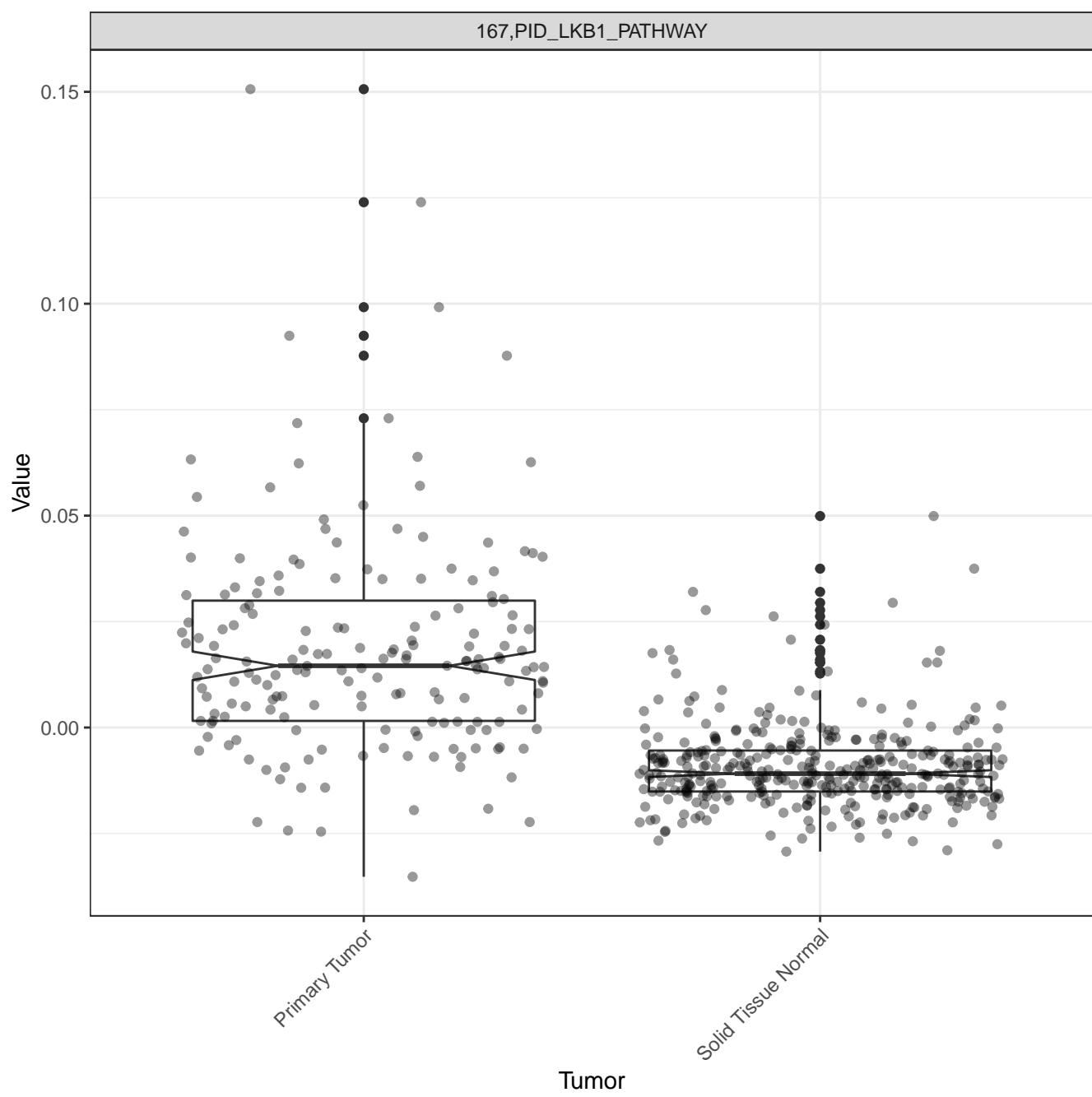
Primary Tumor

Solid Tissue Normal

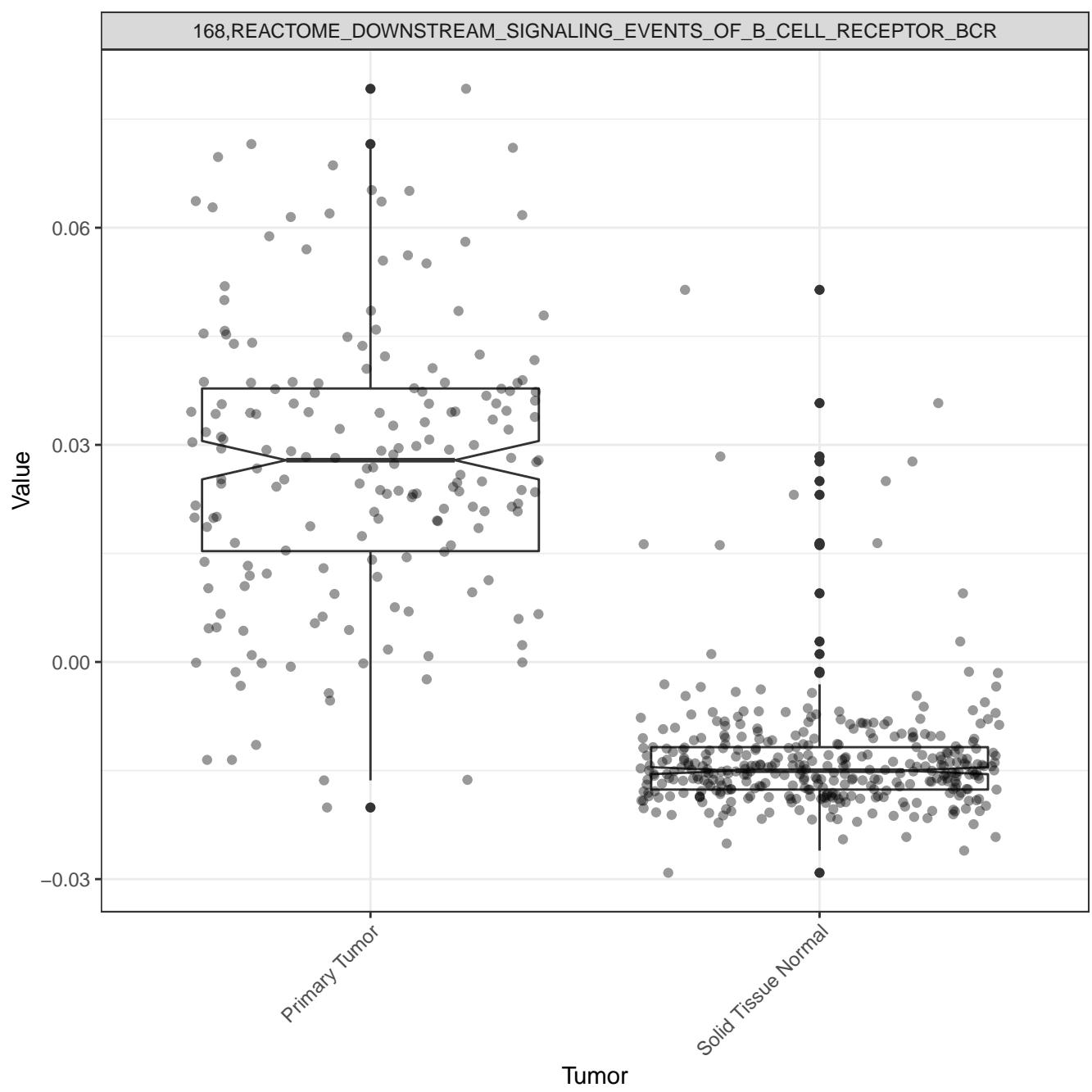
Tumor



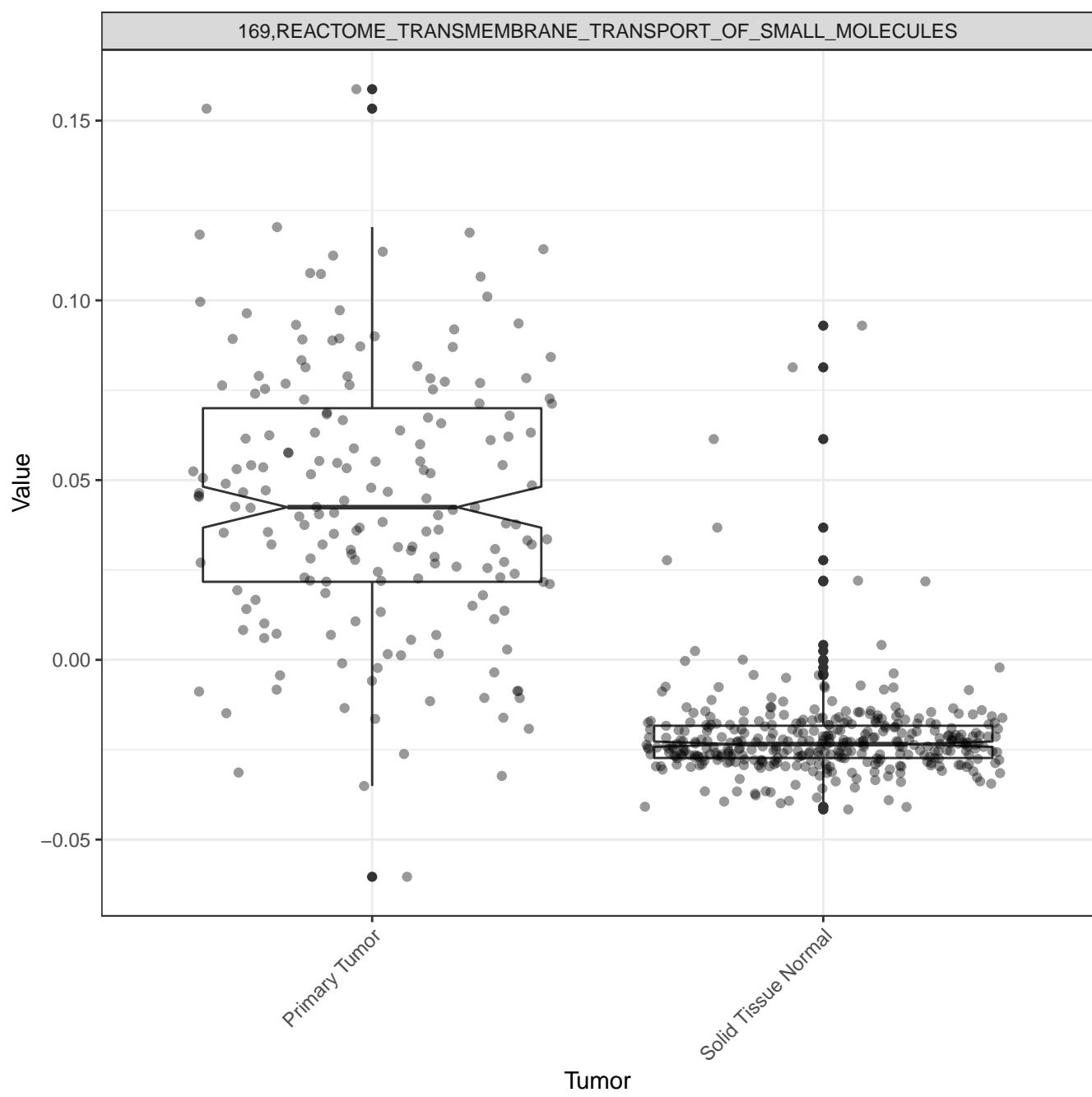
## 167,PID\_LKB1\_PATHWAY



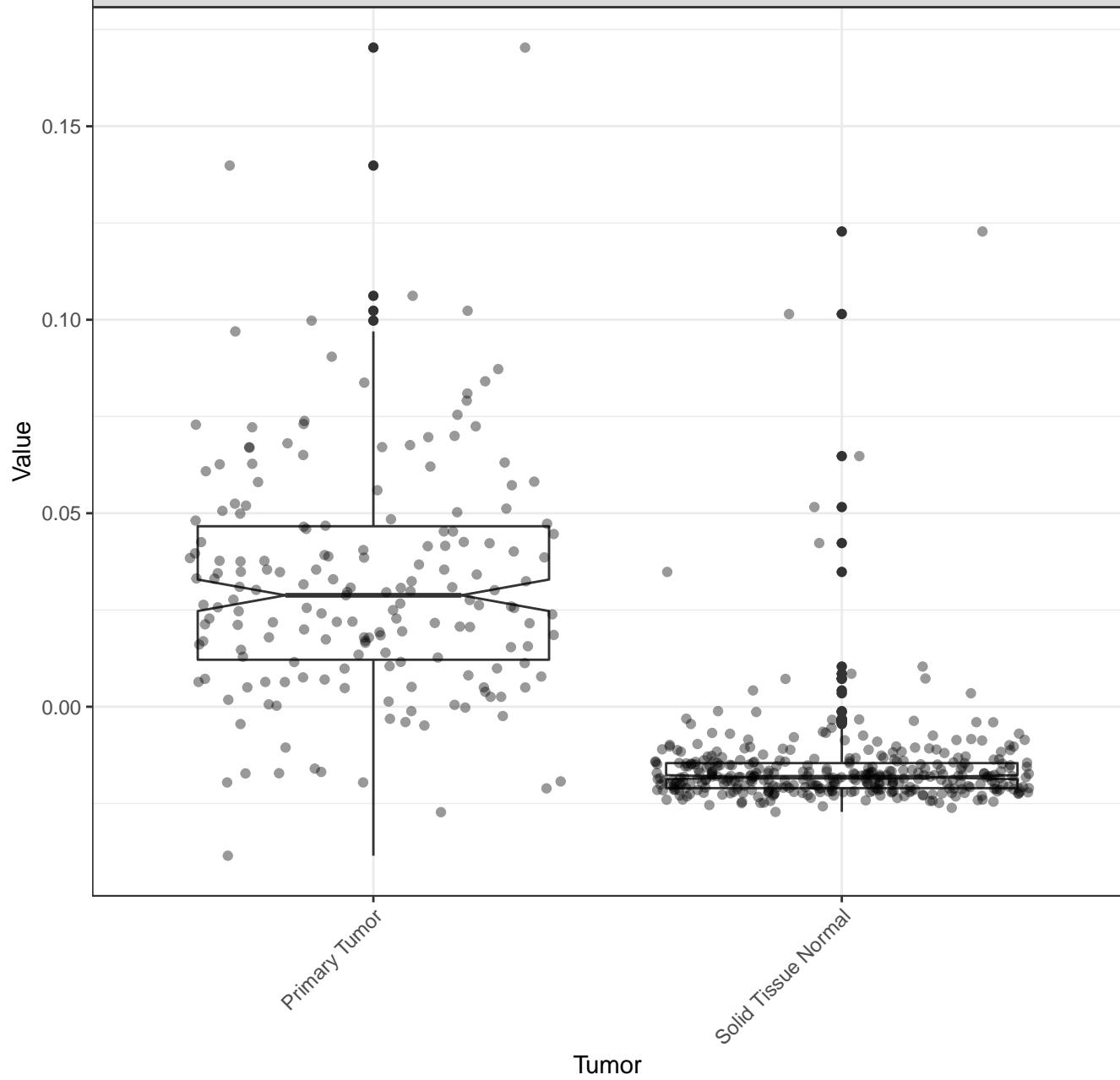
## 168,REACTOME\_DOWNSTREAM\_SIGNALING\_EVENTS\_OF\_B\_CELL\_RECEPATOR\_BCR



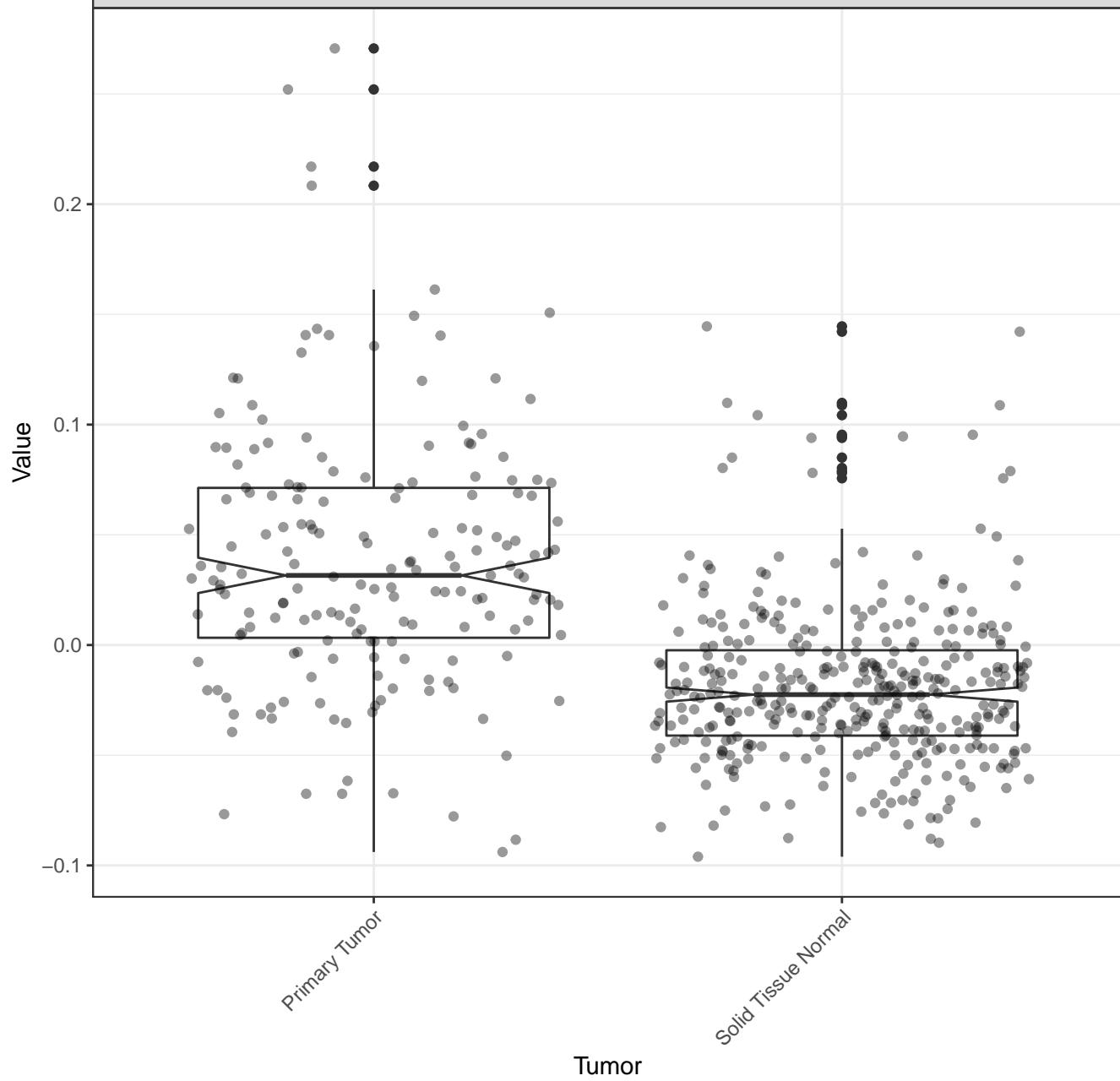
# 169,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES



# 170,KEGG\_TOLL\_LIKE\_RECEPтор\_SIGNALING\_PATHWAY



# 171,REACTOME\_LATE\_PHASE\_OF\_HIV\_LIFE\_CYCLE



# 172,REACTOME\_DEADENYLATION\_DEPENDENT\_MRNA\_DECAY

Value

0.15

0.10

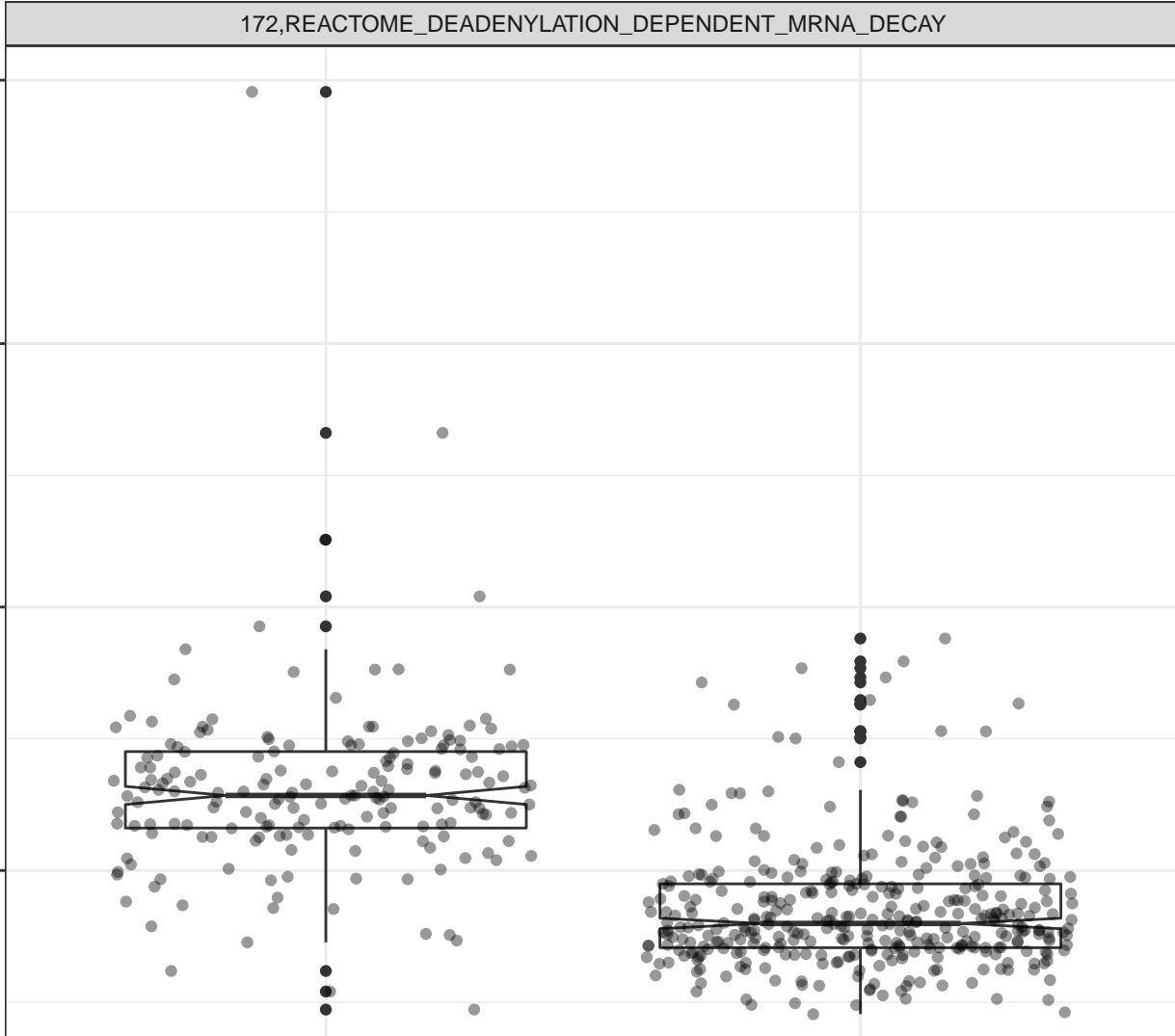
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



LV 173

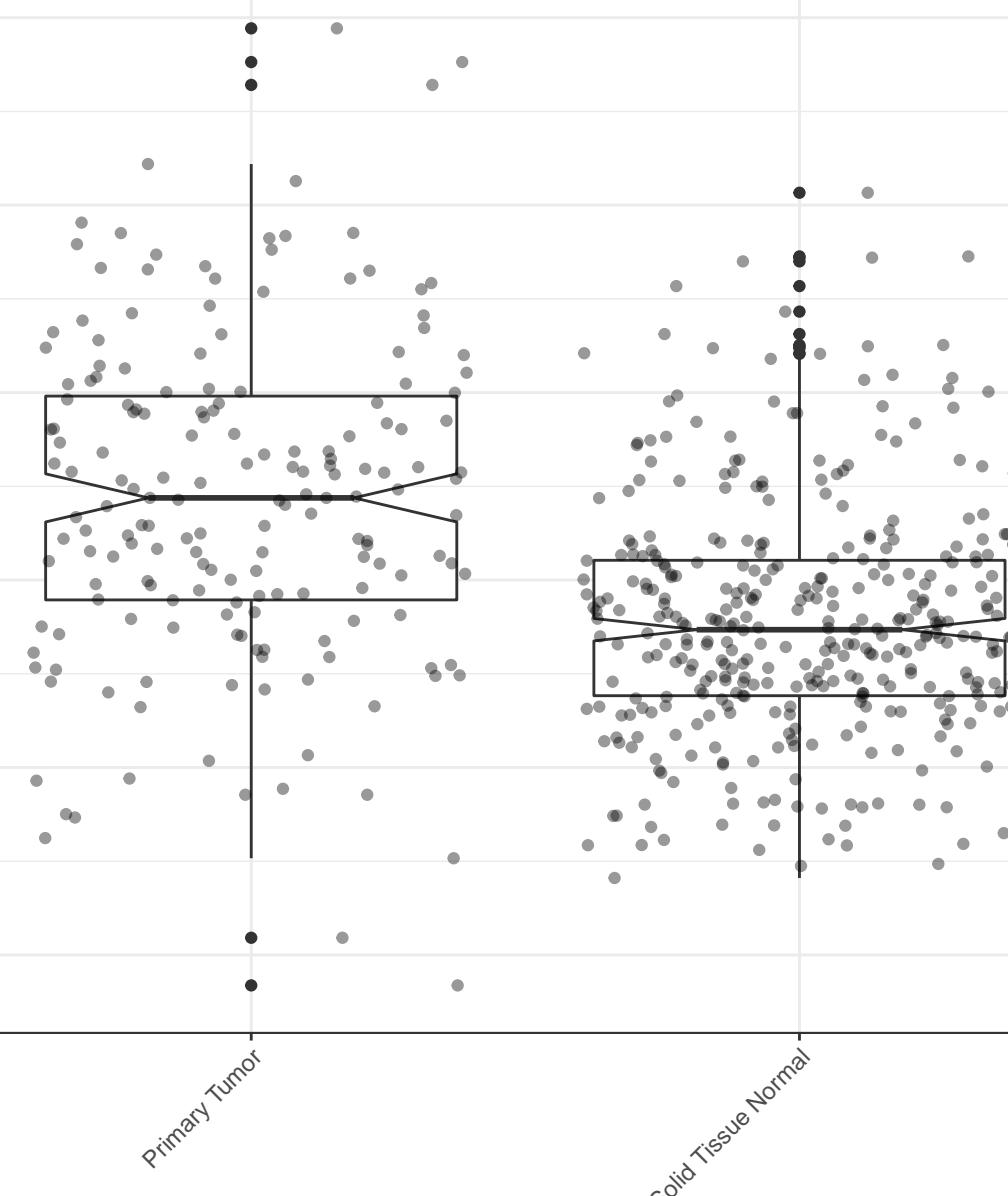
Value

0.06  
0.04  
0.02  
0.00  
-0.02  
-0.04

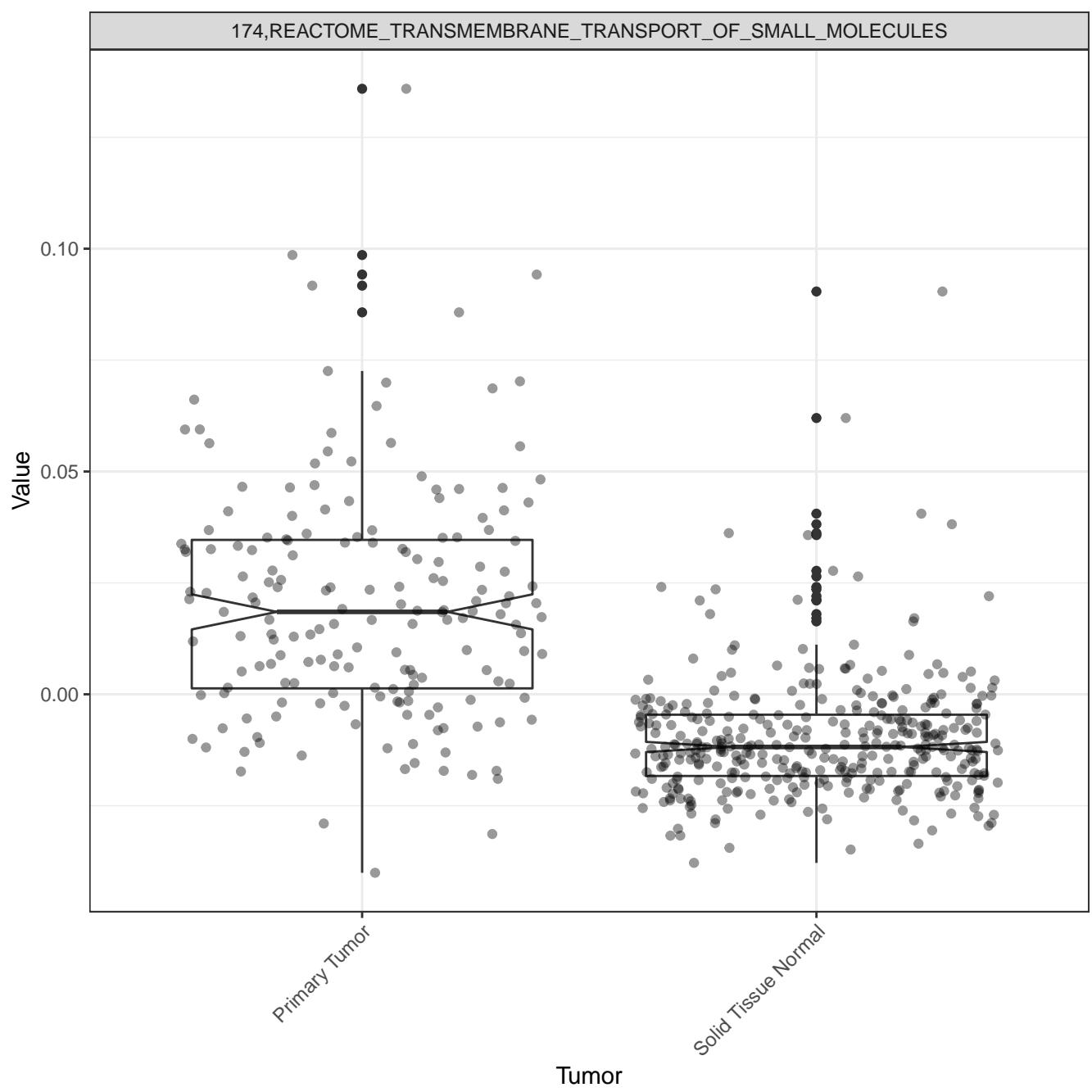
Primary Tumor

Solid Tissue Normal

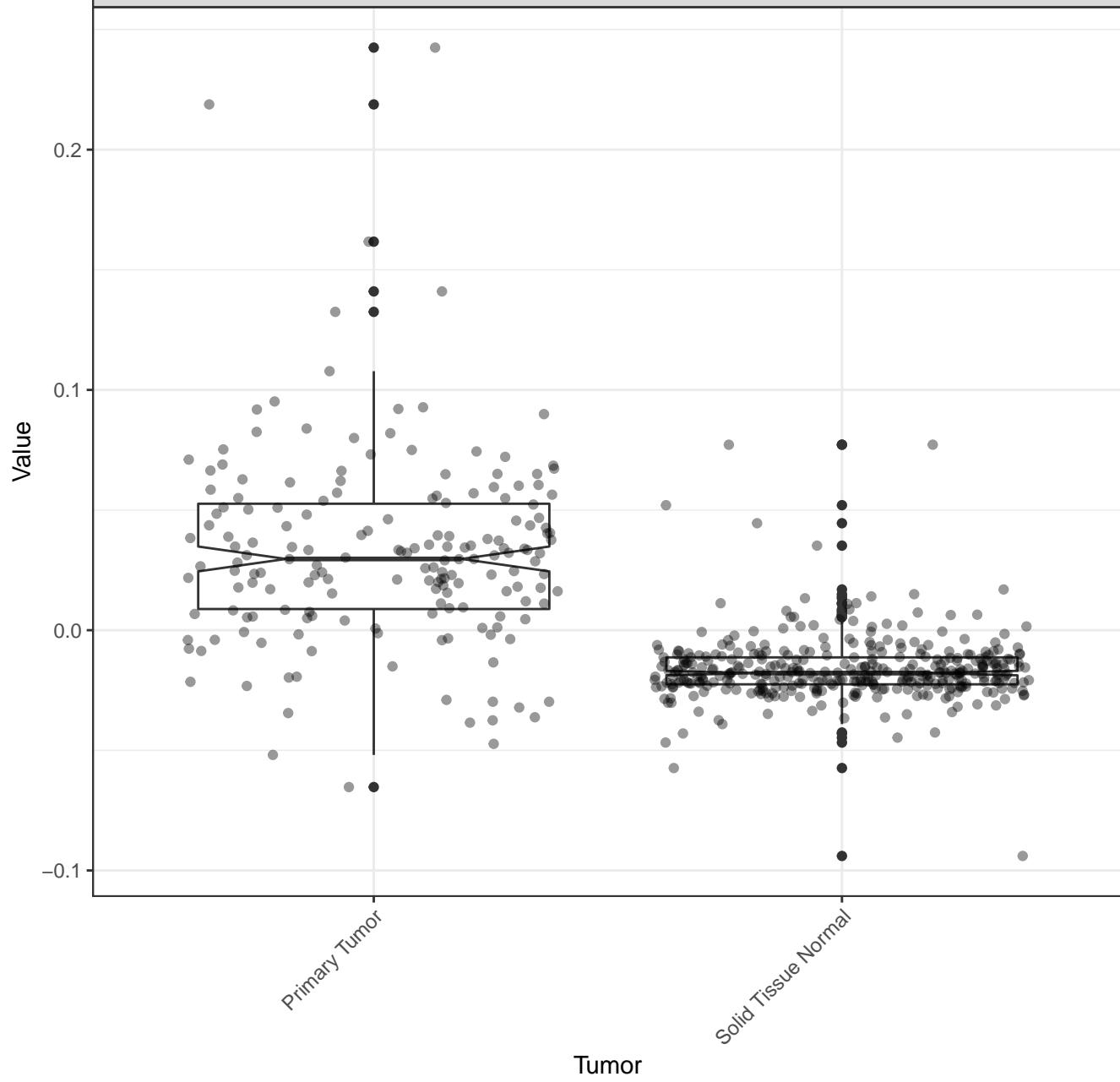
Tumor



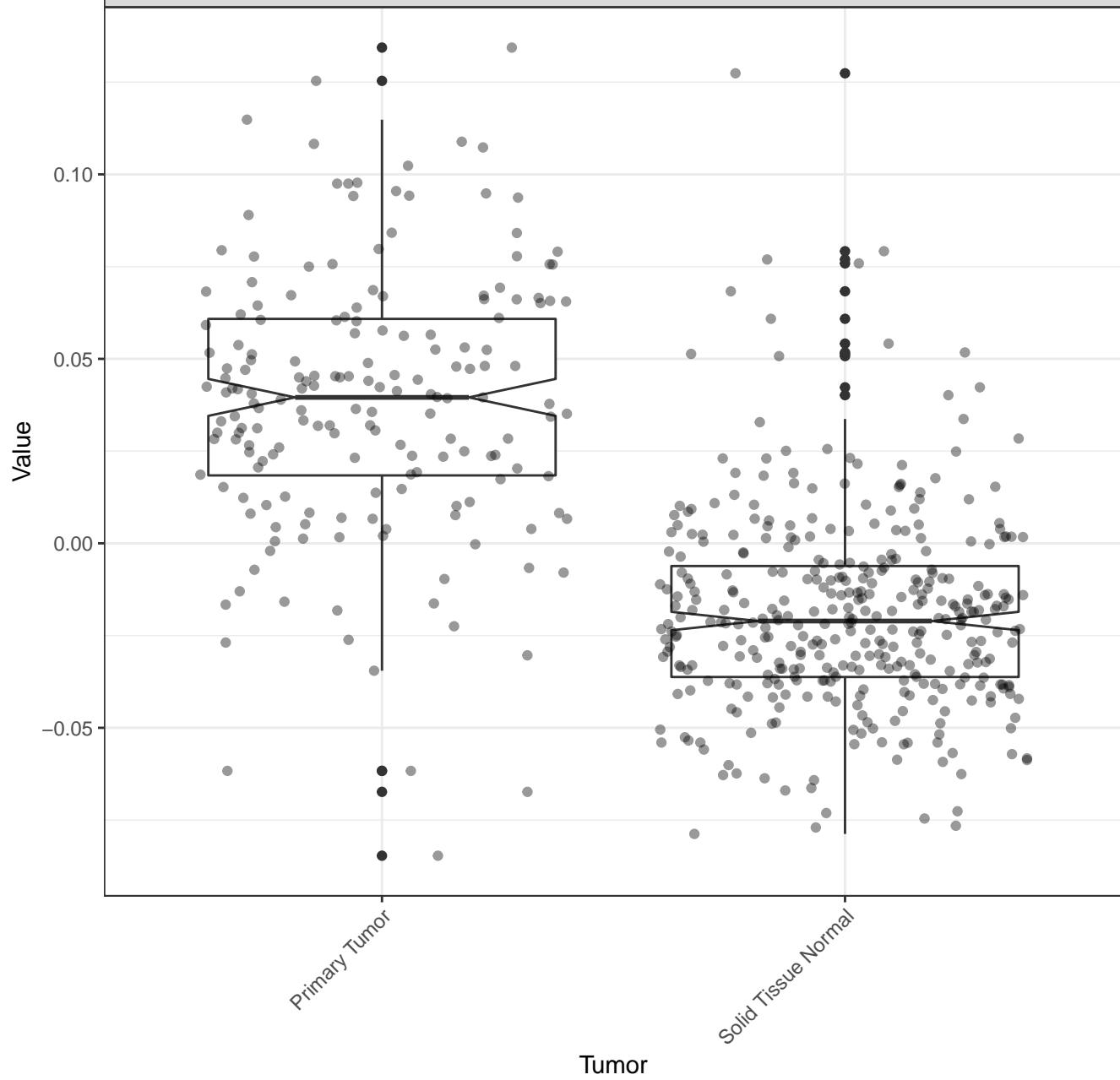
# 174,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES



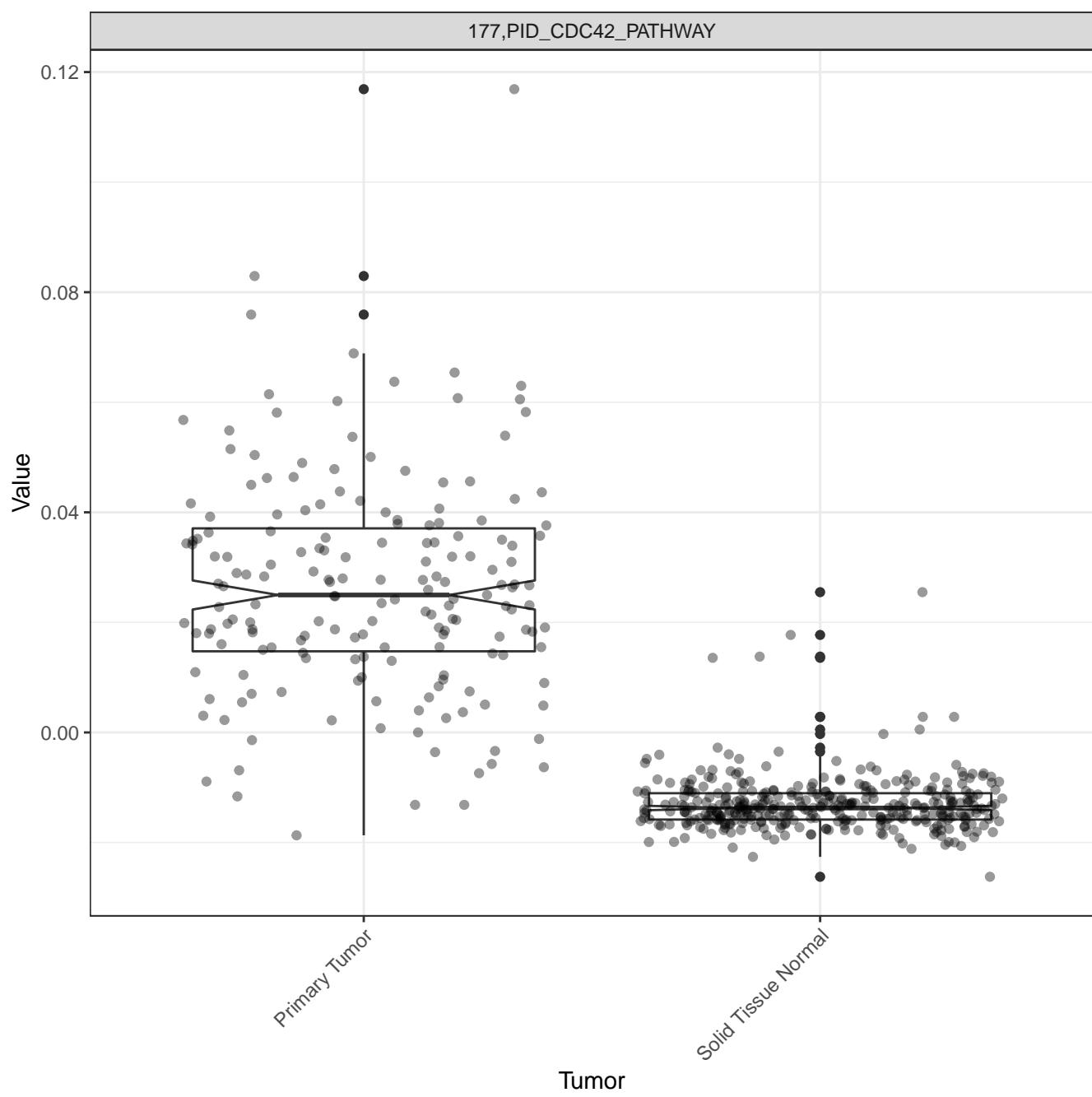
## 175,SVM T cells CD8



## 176,KEGG\_UBIQUITIN\_MEDIATED\_PROTEOLYSIS



# 177,PID\_CDC42\_PATHWAY



Value

0.15

0.10

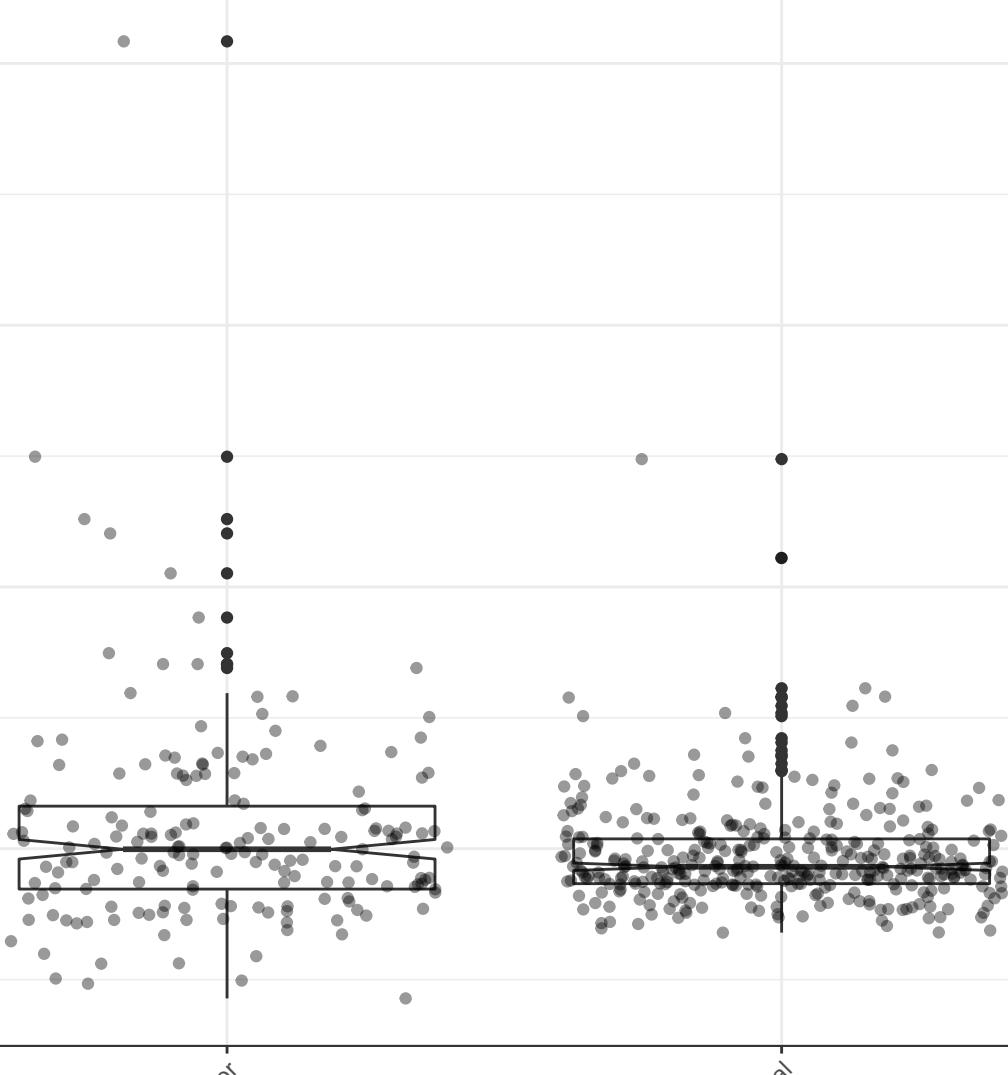
0.05

0.00

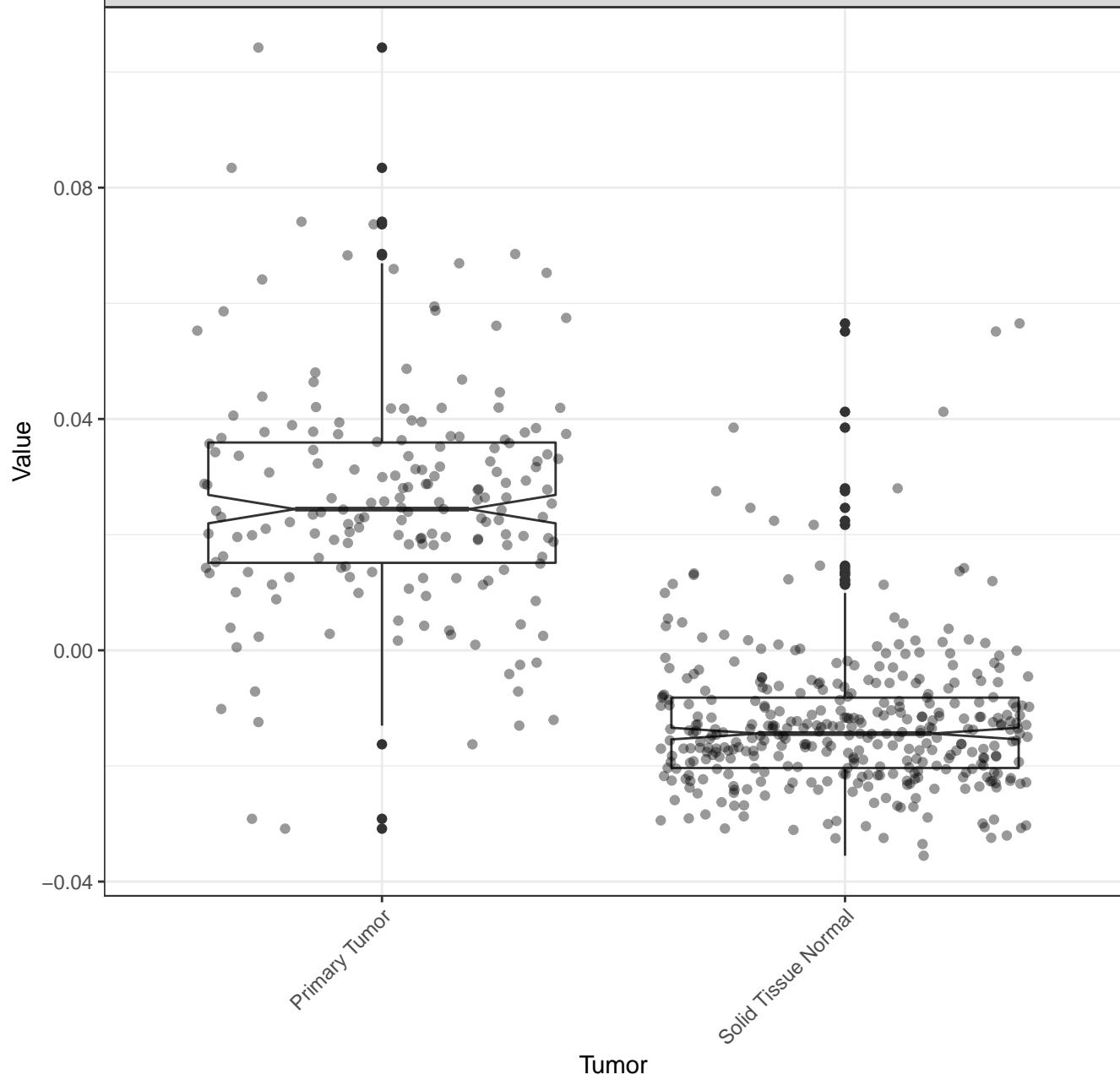
Primary Tumor

Solid Tissue Normal

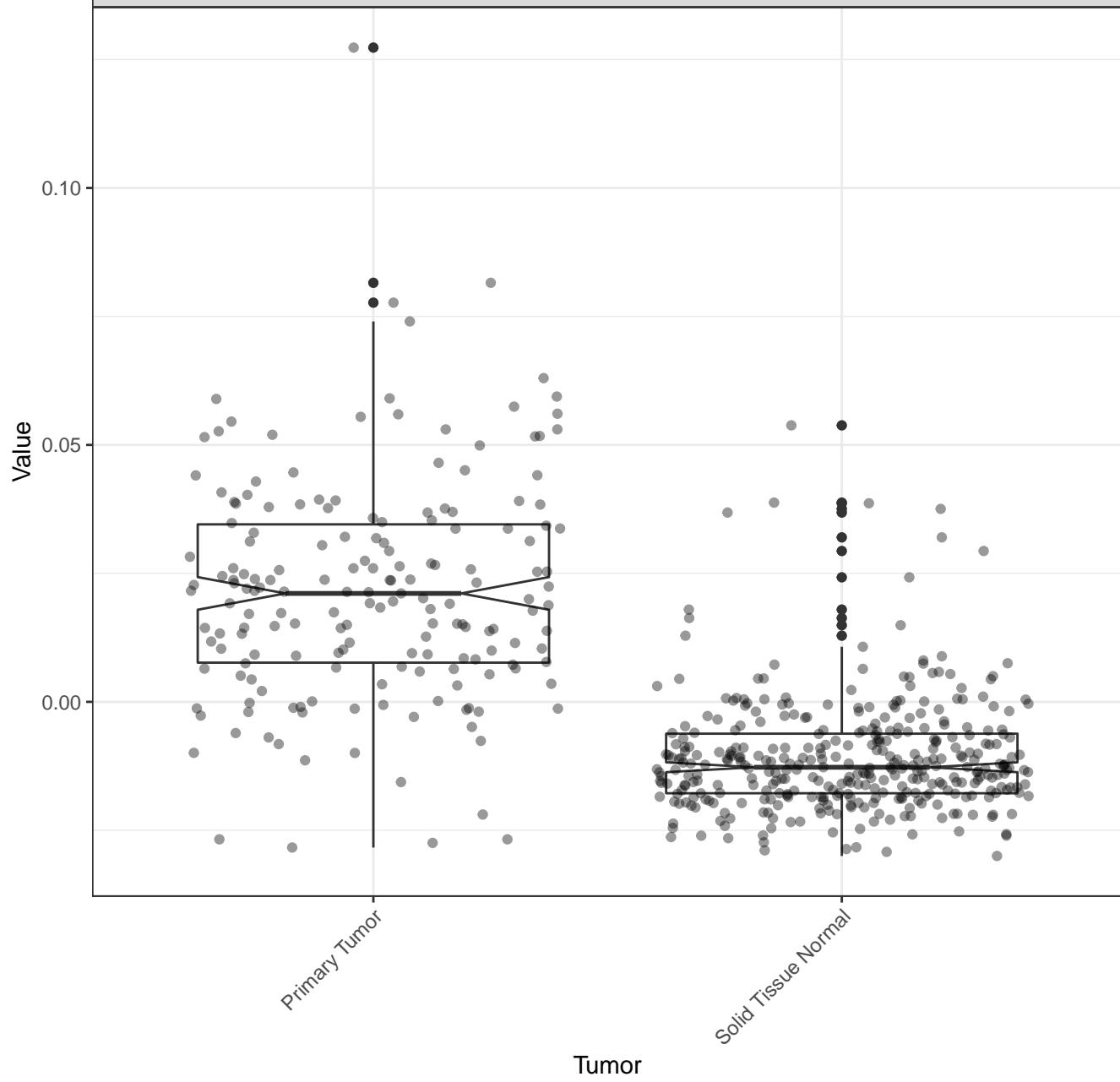
Tumor

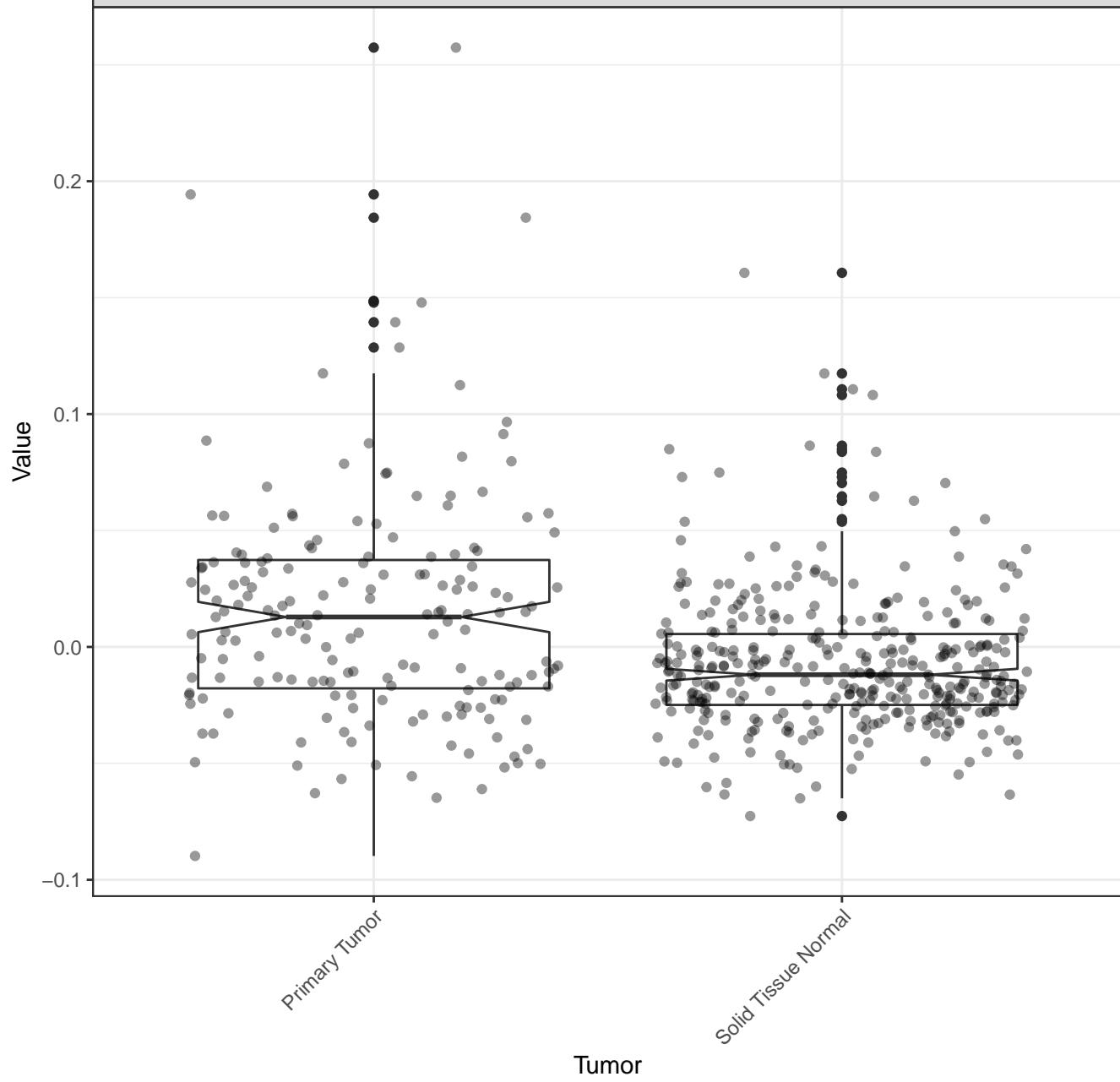


# 179,REACTOME\_AMINO\_ACID\_AND\_OLIGOPEPTIDE\_SLC\_TRANSPORTERS



## 180,REACTOME\_PROTEIN\_FOLDING





Value

0.2

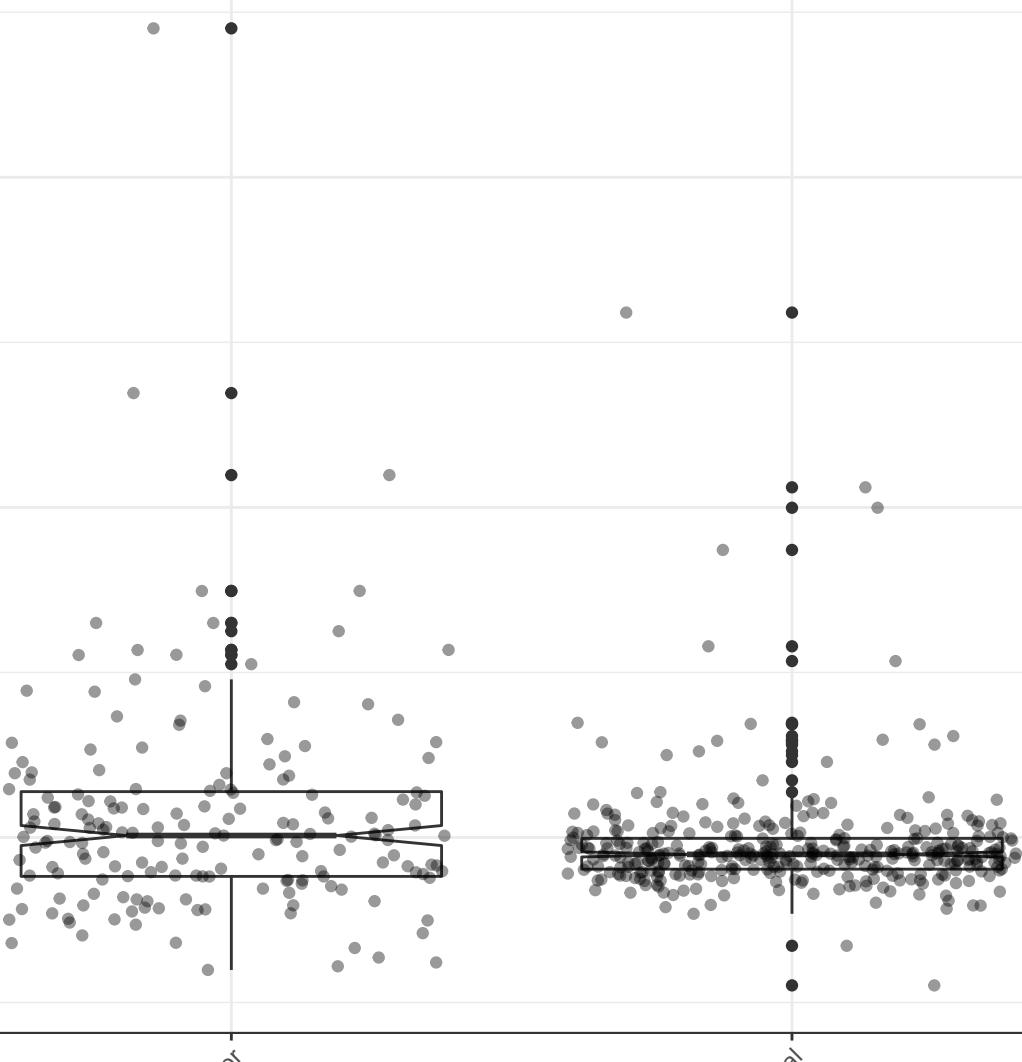
0.1

0.0

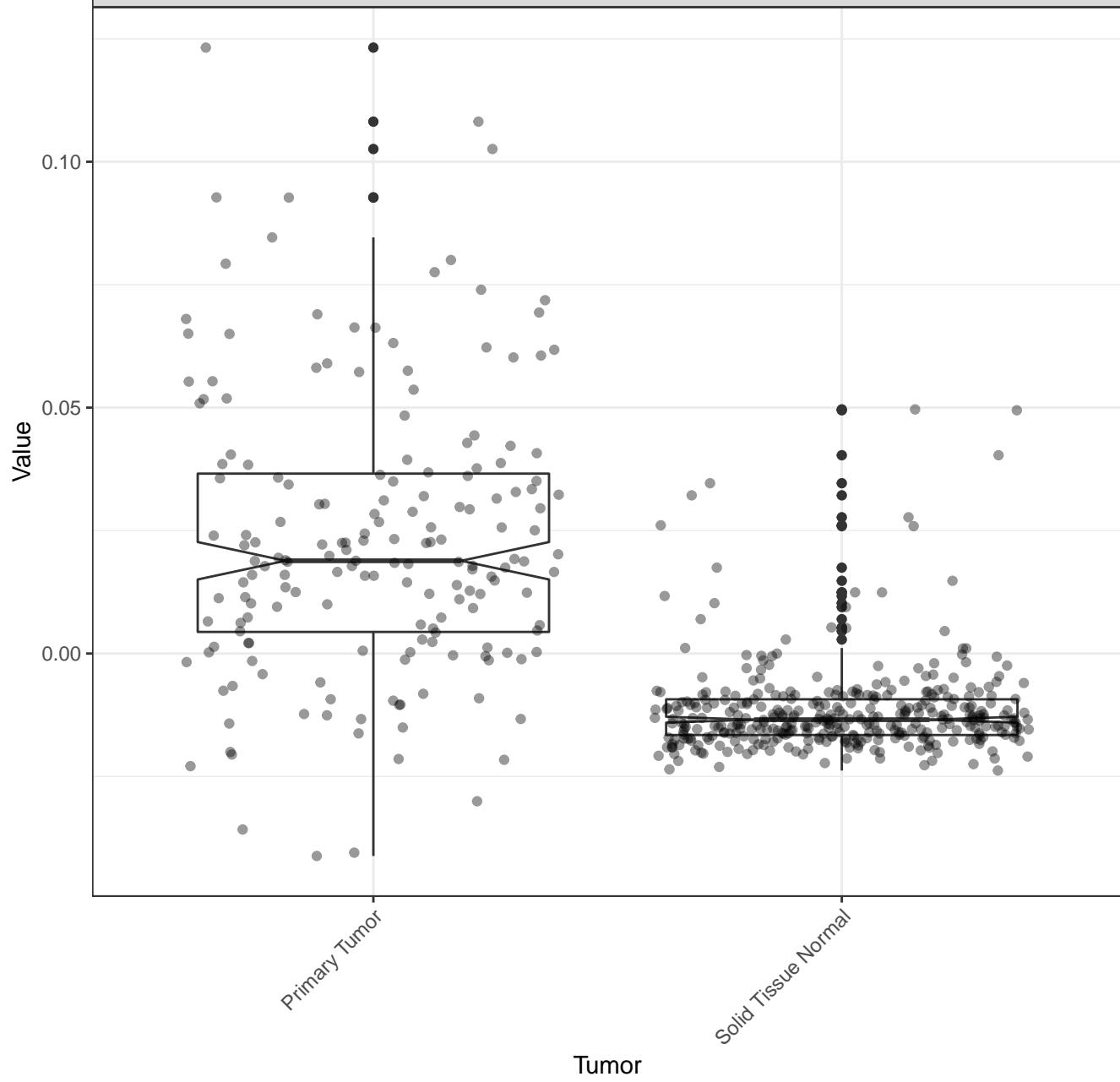
Primary Tumor

Solid Tissue Normal

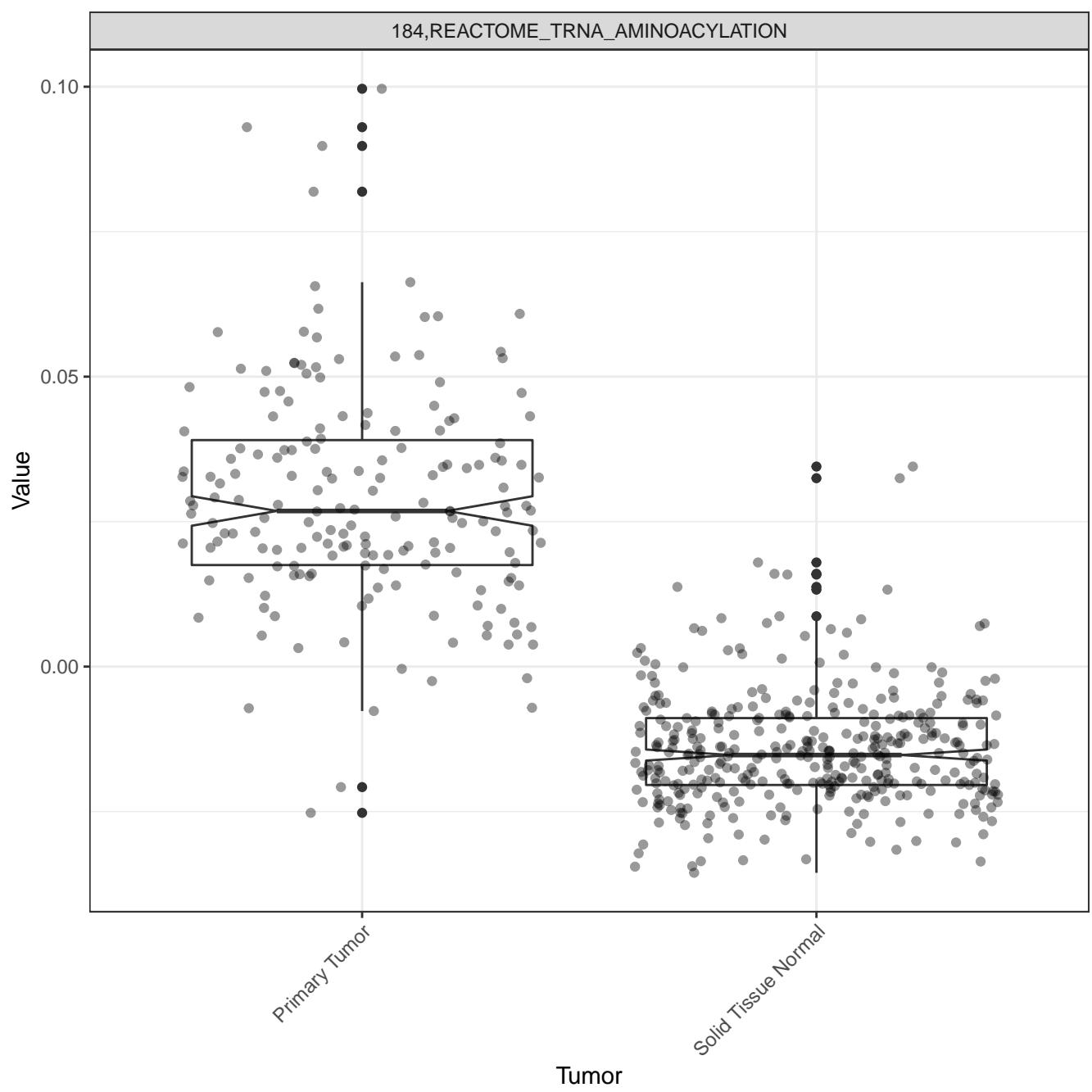
Tumor



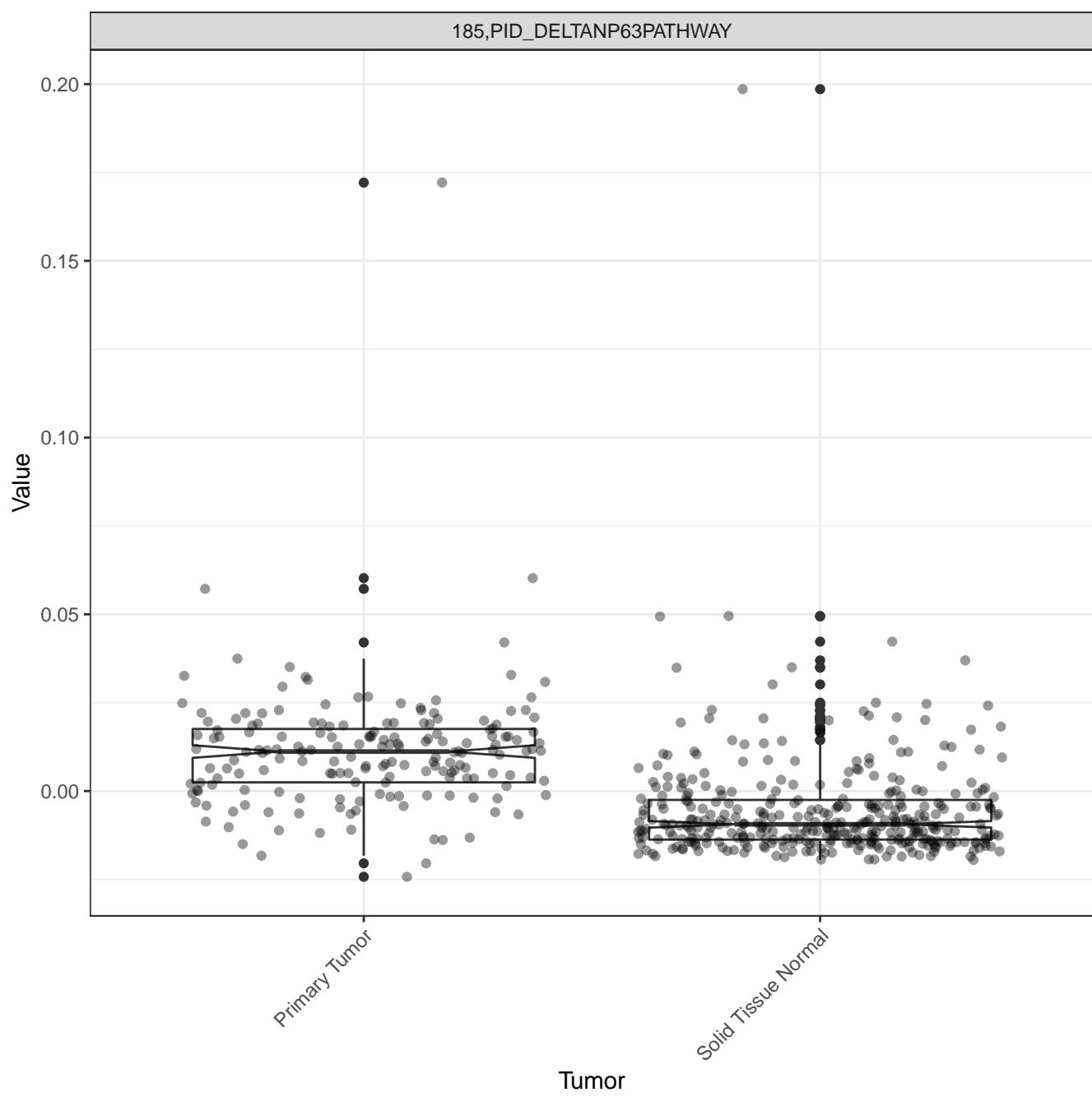
## 183,IRIS\_DendriticCell-LPSstimulated



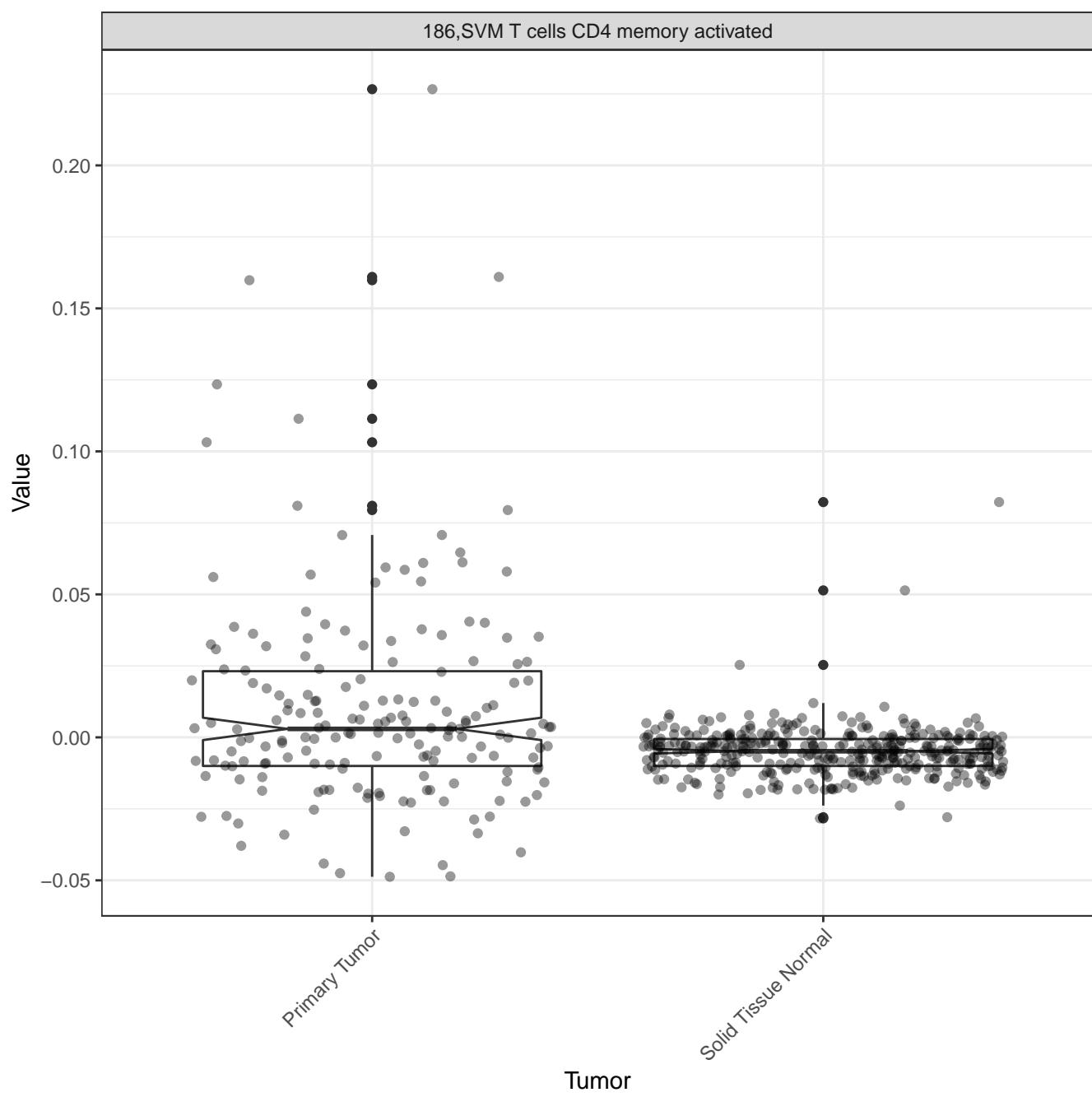
## 184,REACTOME\_TRNA\_AMINOACYLATION



# 185,PID\_DELTANP63PATHWAY



186,SVM T cells CD4 memory activated



# 187,KEGG\_PHOSPHATIDYLINOSITOL\_SIGNALING\_SYSTEM

Value

0.2

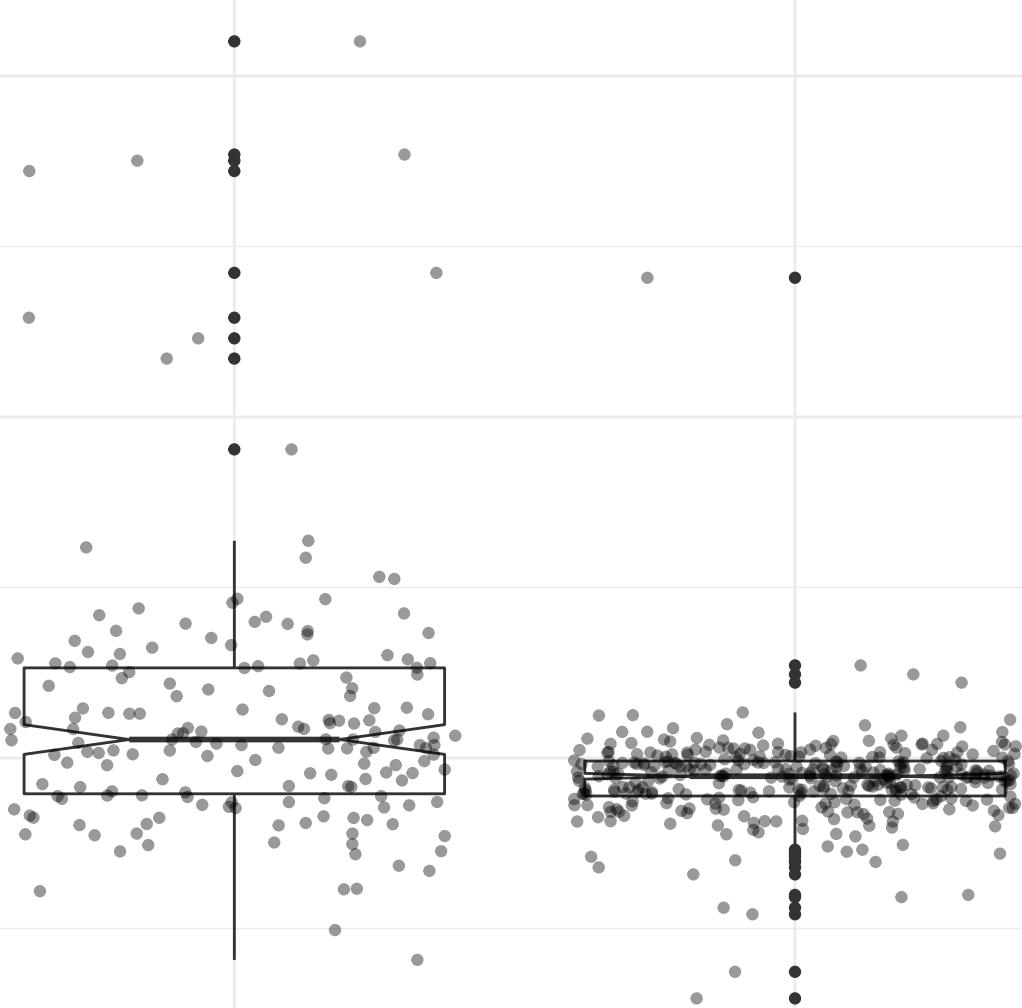
0.1

0.0

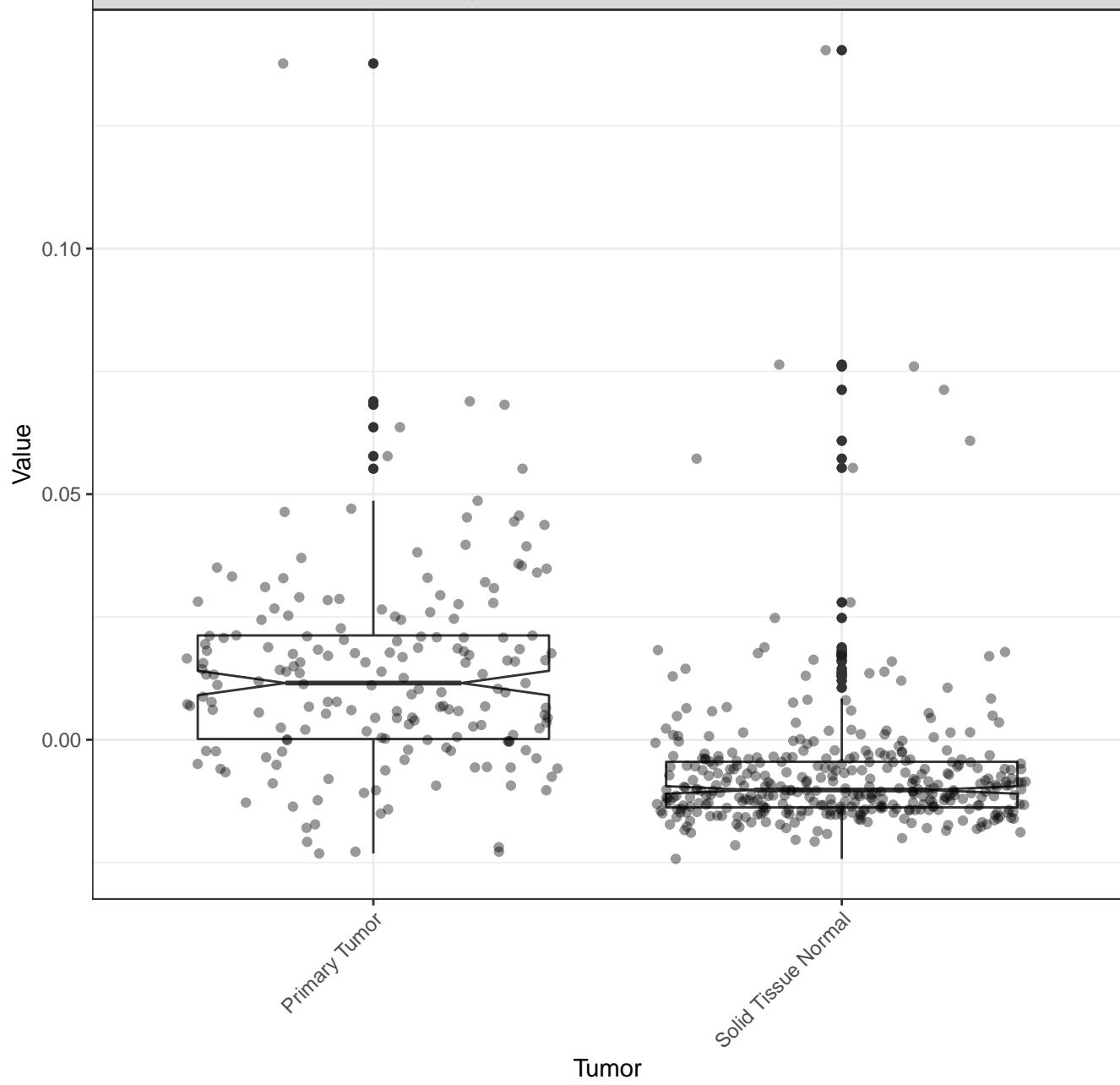
Primary Tumor

Solid Tissue Normal

Tumor

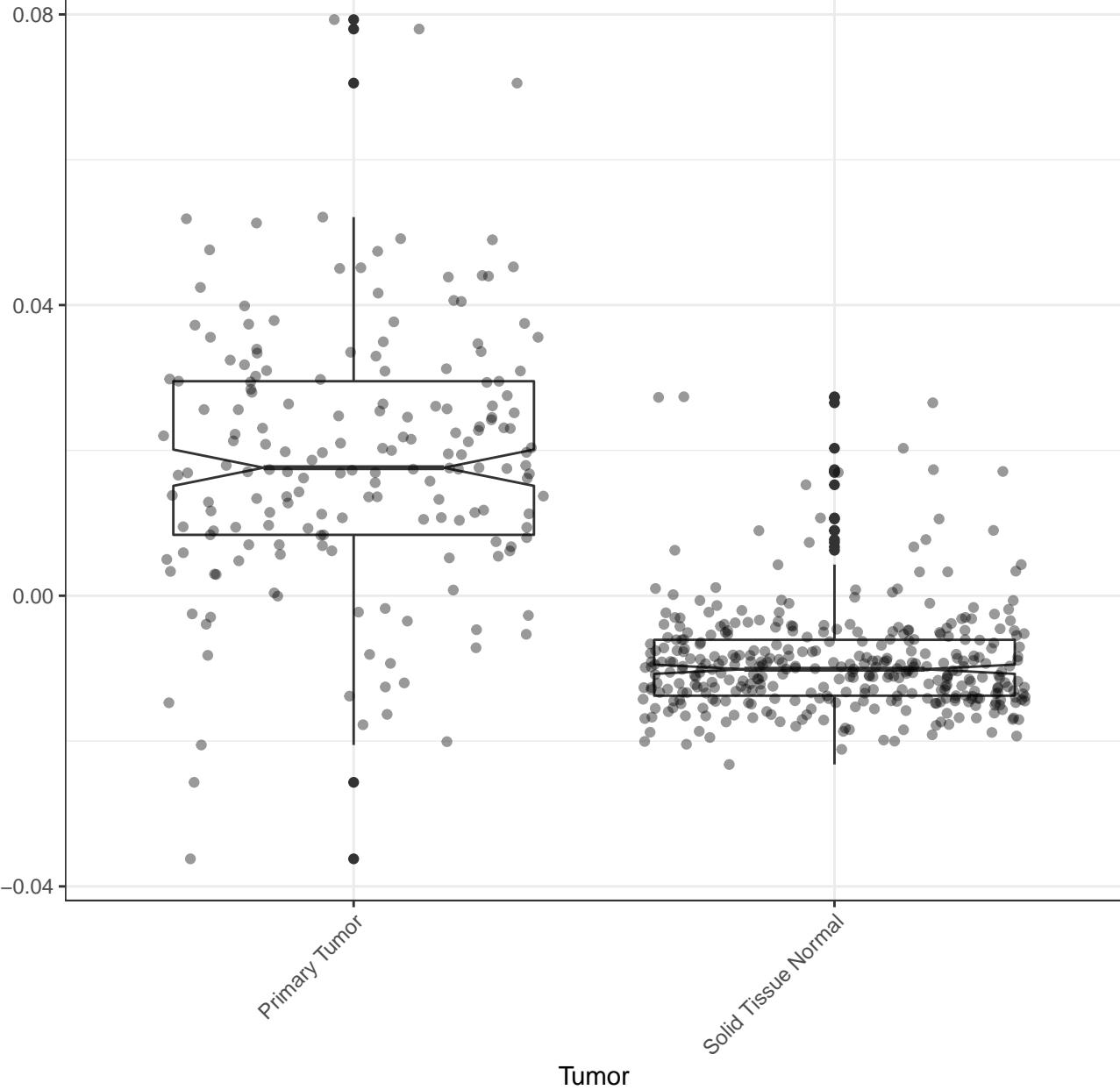


# 188,KEGG\_PATHWAYS\_IN\_CANCER

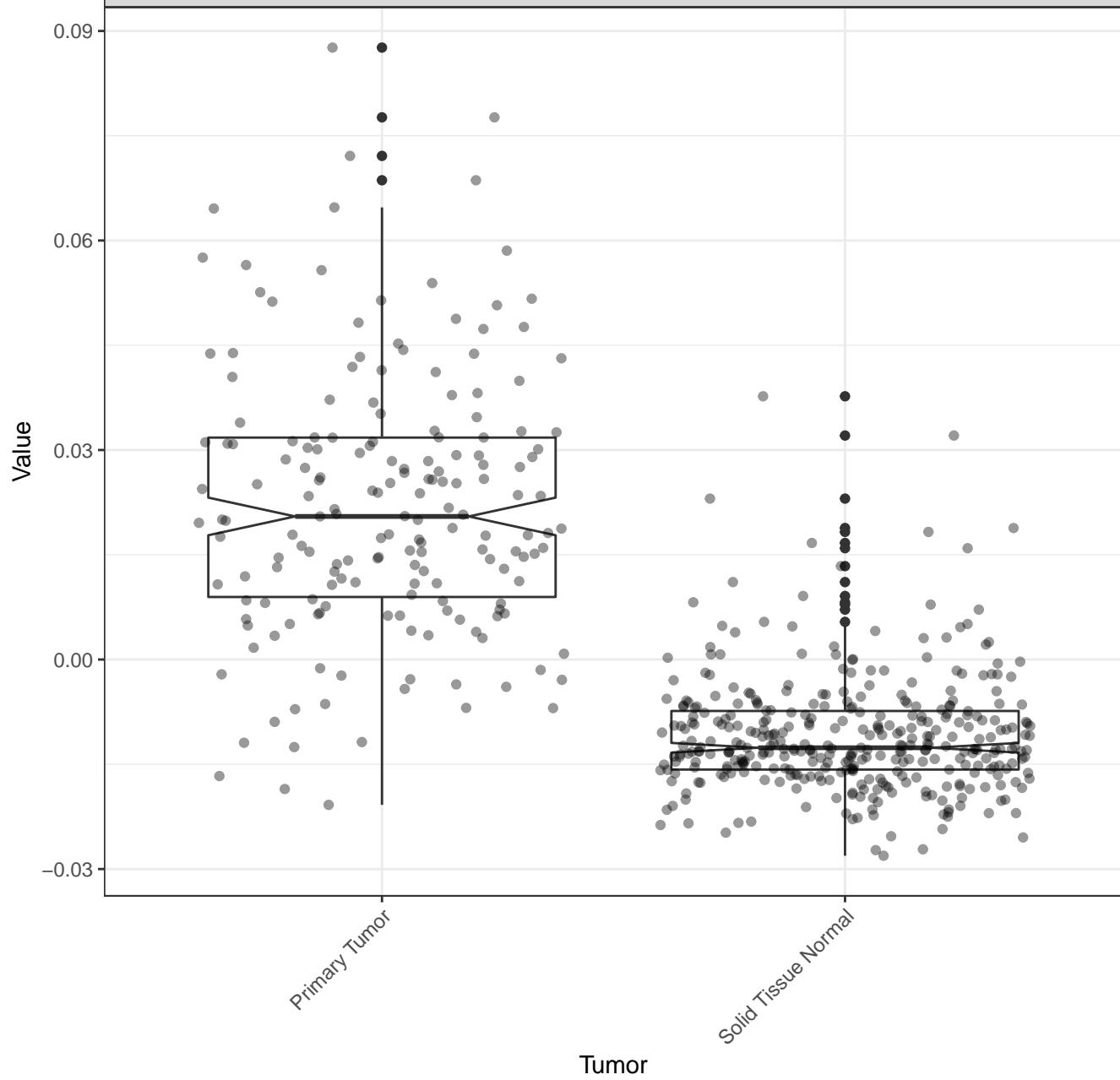


189,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value



# 190,MIPS\_SPLICEOSOME



# 191,KEGG\_PHOSPHATIDYLINOSITOL\_SIGNALING\_SYSTEM

Value

0.10

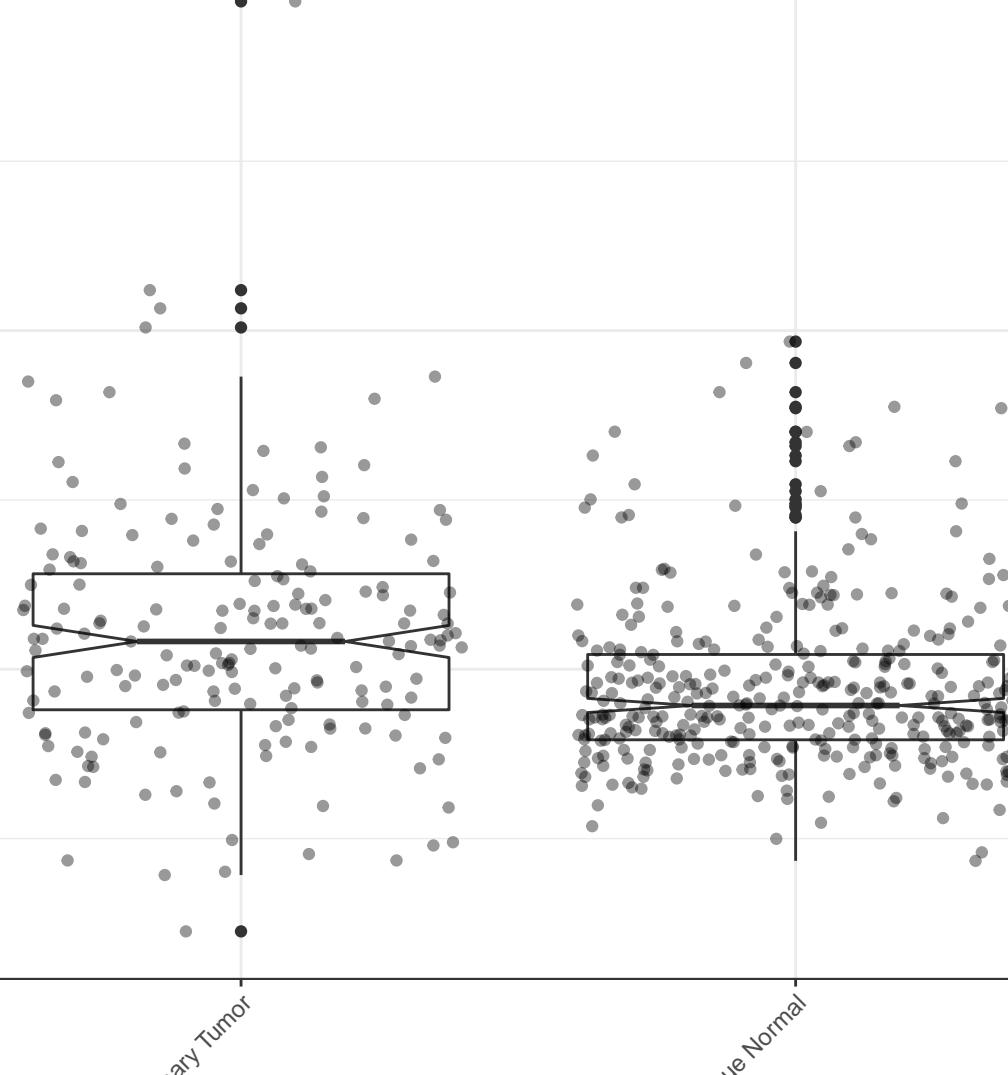
0.05

0.00

Primary Tumor

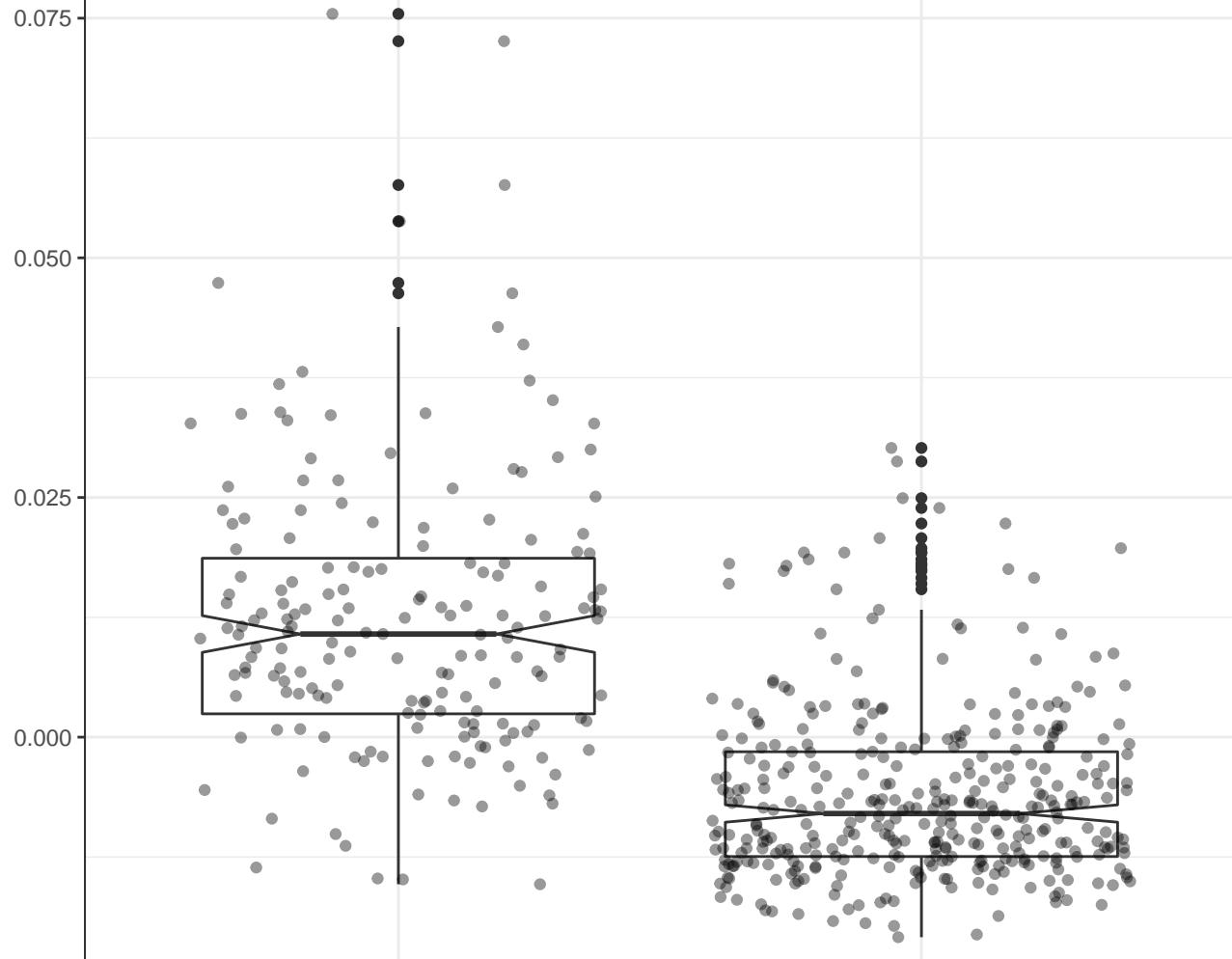
Solid Tissue Normal

Tumor



192,REACTOME\_POST\_TRANSLATIONAL\_PROTEIN\_MODIFICATION

Value



Primary Tumor

Solid Tissue Normal

Tumor

## 193,DMAP\_ERY3

Value

0.050

0.025

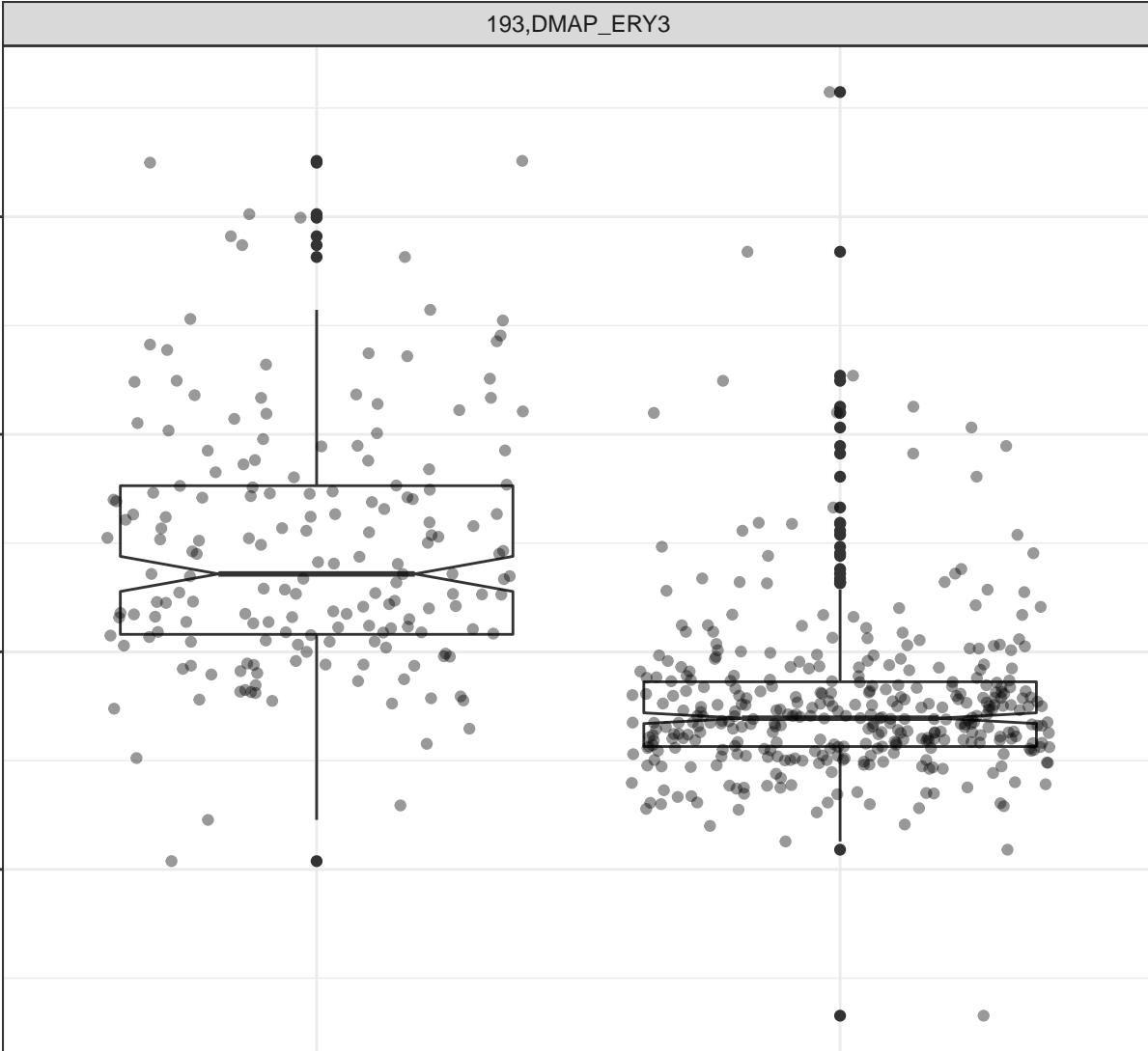
0.000

-0.025

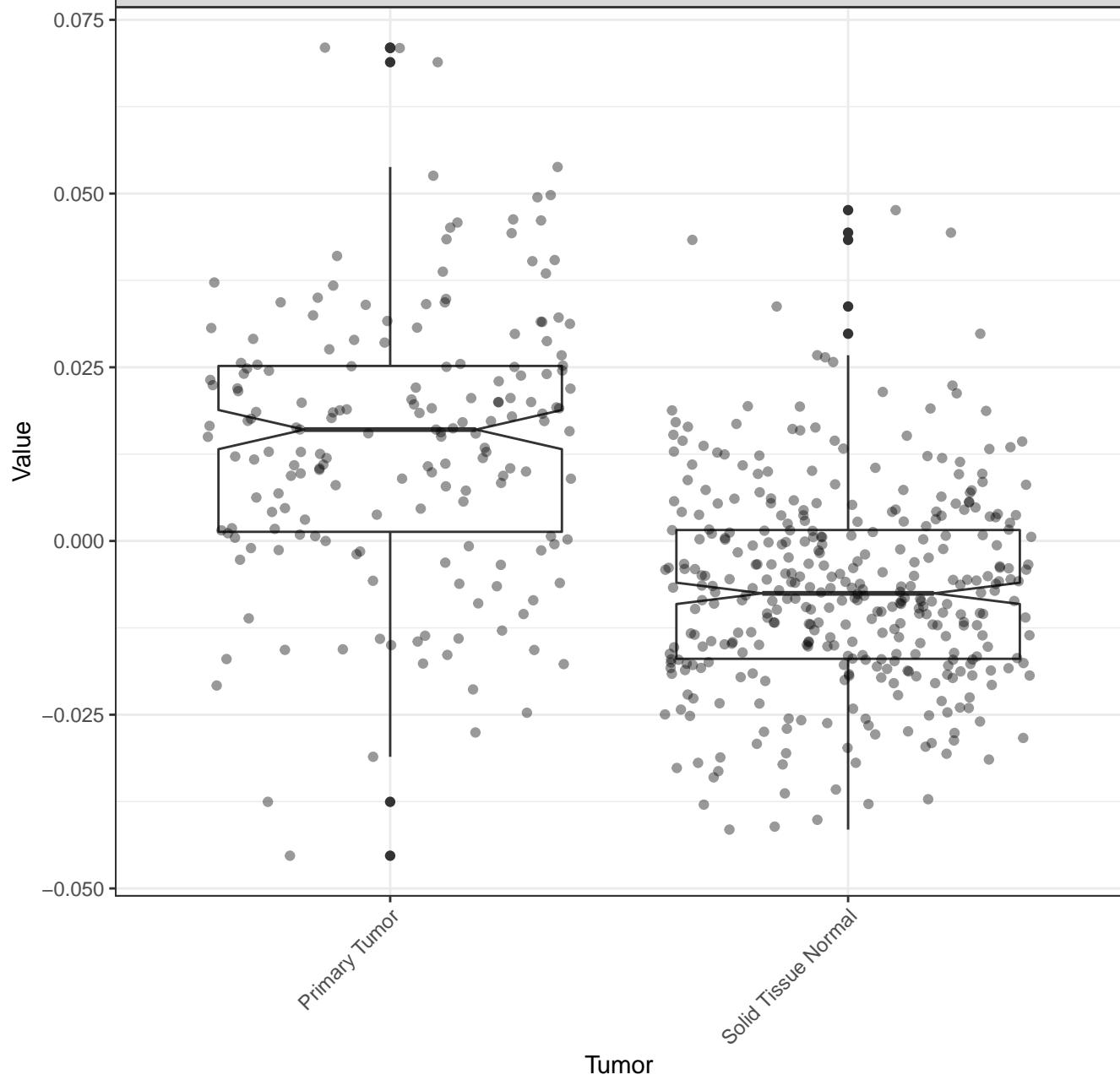
Primary Tumor

Solid Tissue Normal

Tumor



# 194.REACTOME\_INTEGRATION\_OF\_ENERGY\_METABOLISM



## 195,DMAP\_MONO2

Value

0.15

0.10

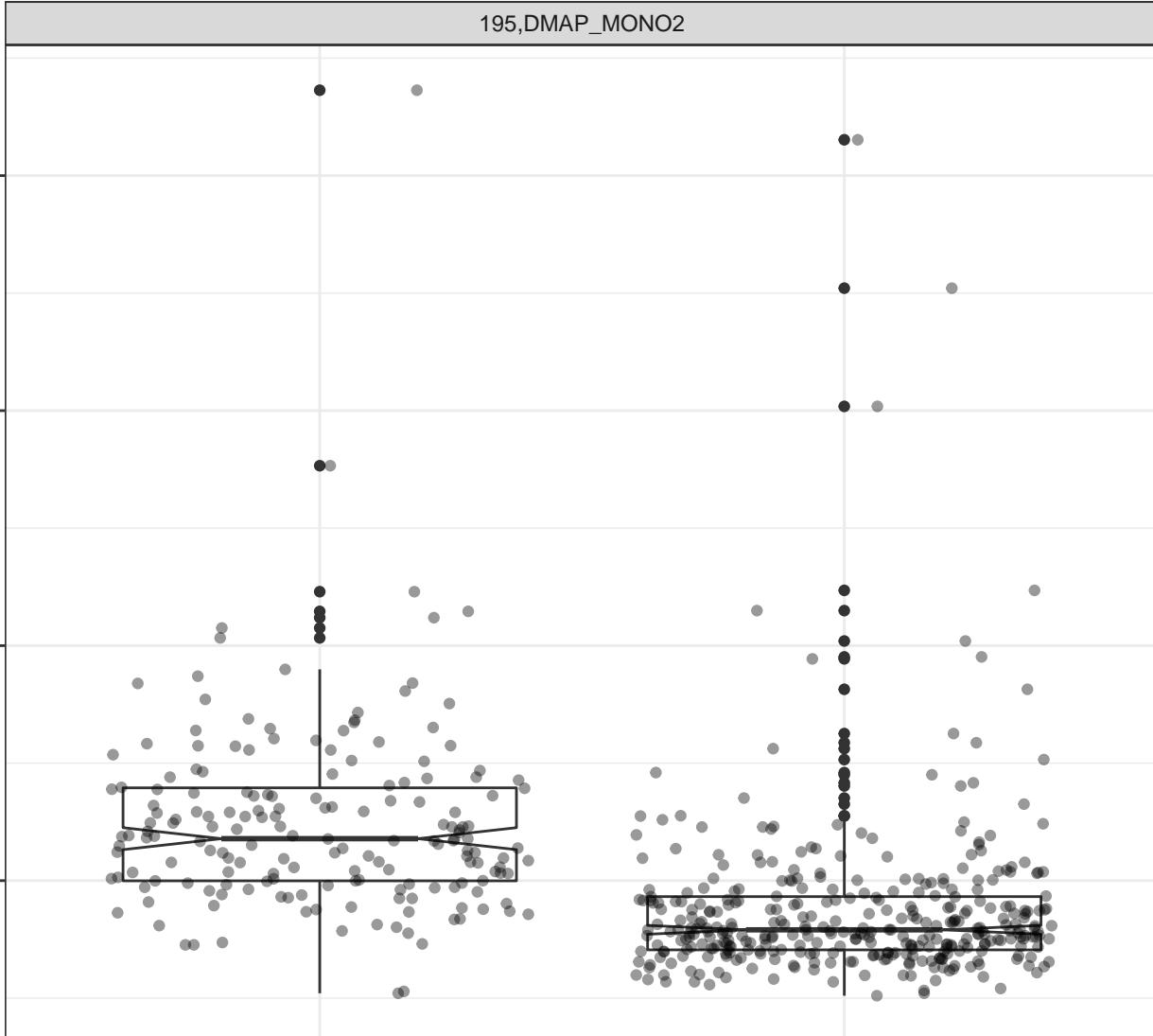
0.05

0.00

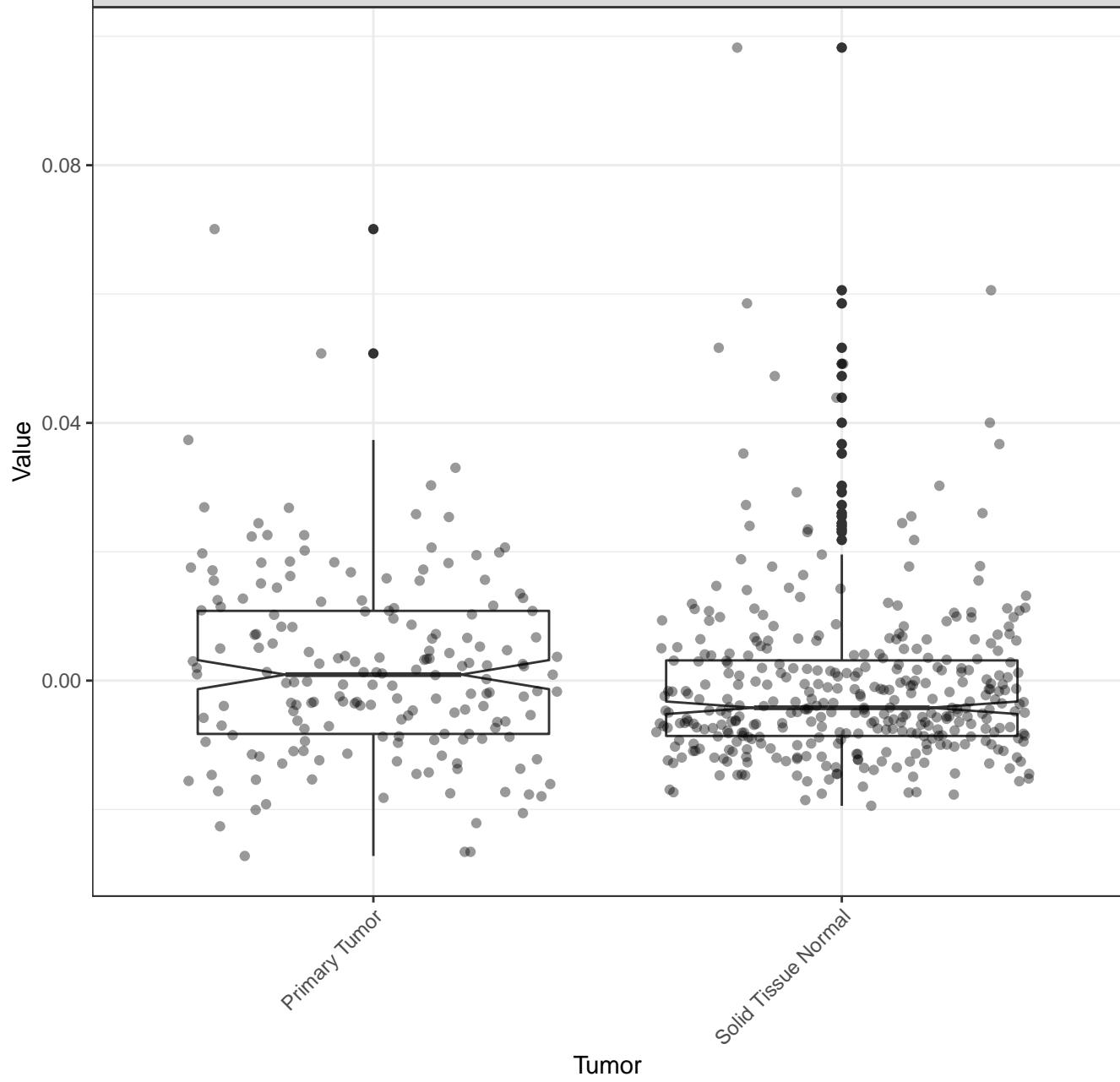
Primary Tumor

Solid Tissue Normal

Tumor



# 196,KEGG\_ABC\_TRANSPORTERS



197,REACTOME\_NONSENSE\_MEDIATED\_DECAY\_ENHANCED\_BY\_THE\_EXON\_JUNCTION\_COMPLEX

Value

0.10

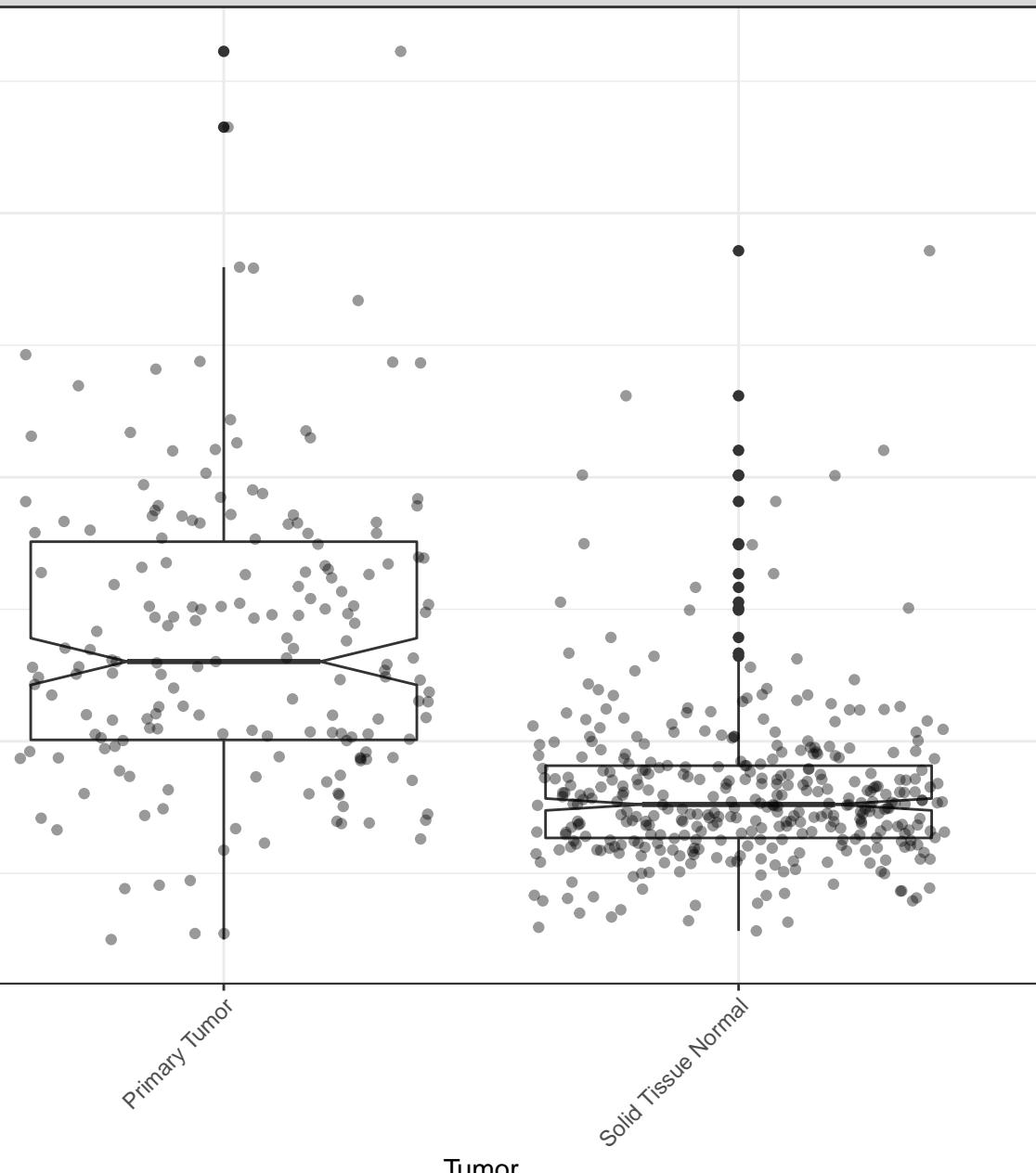
0.05

0.00

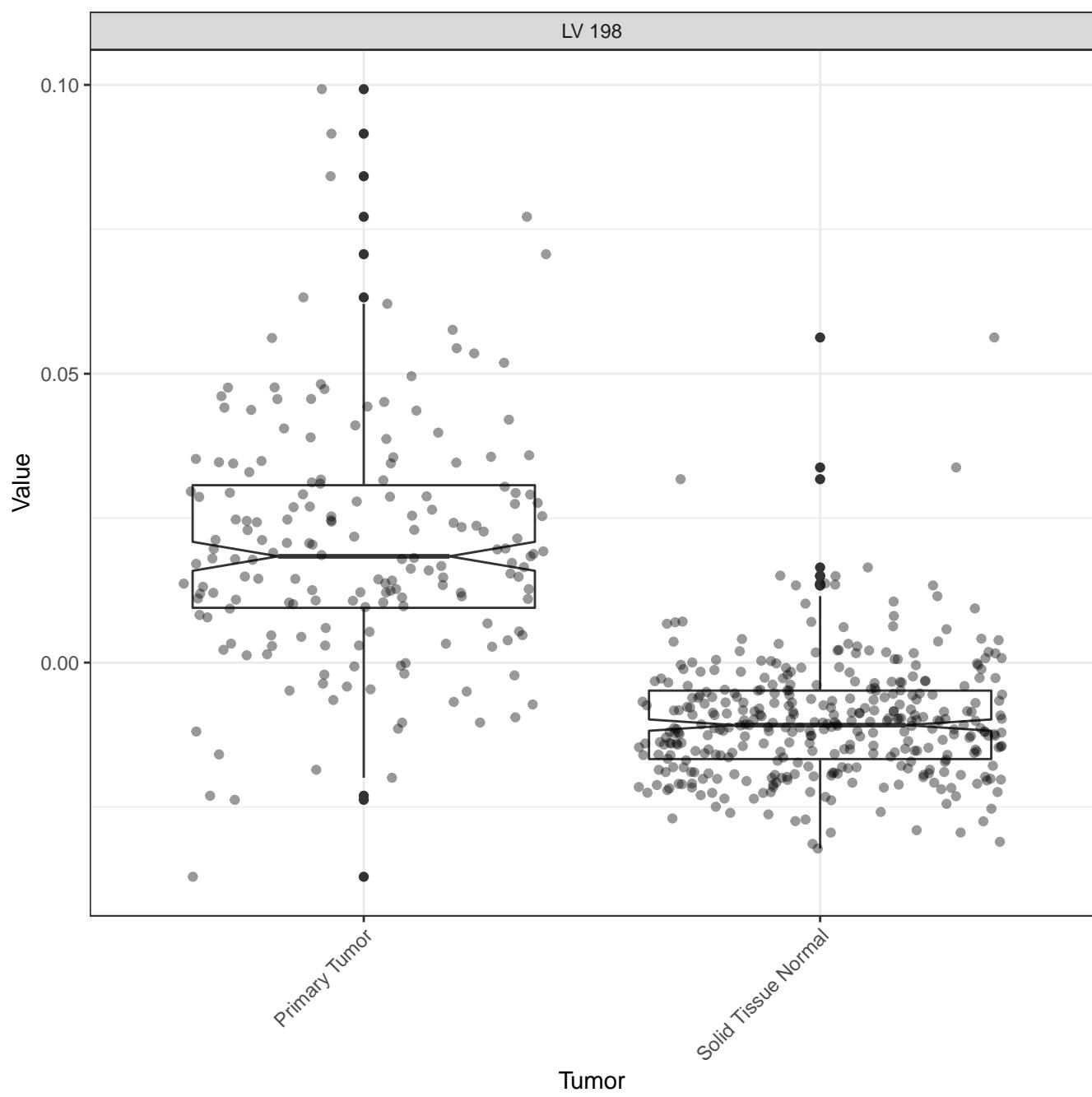
Primary Tumor

Solid Tissue Normal

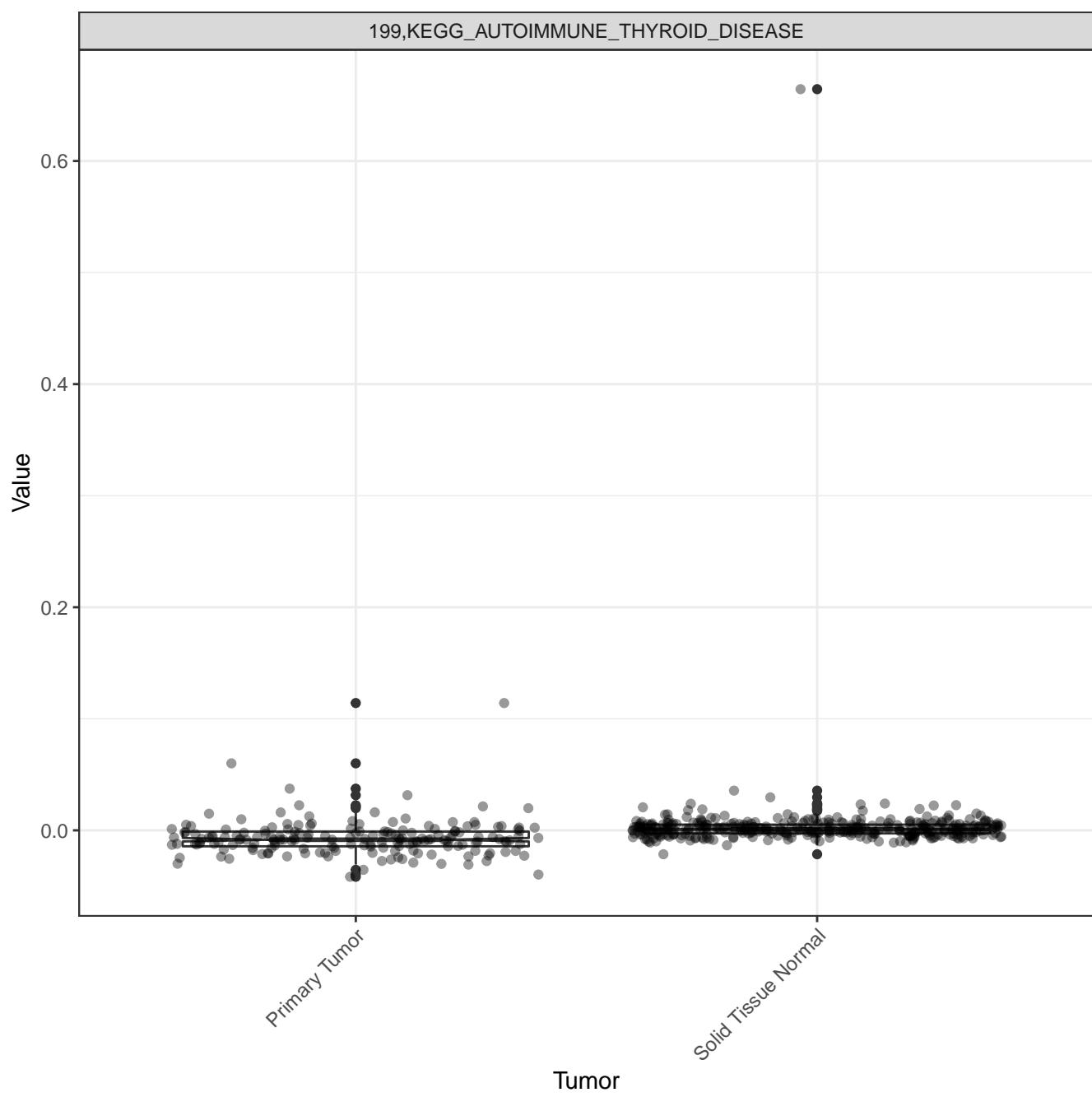
Tumor



LV 198



199,KEGG\_AUTOIMMUNE\_THYROID\_DISEASE



LV 200

Value

0.08

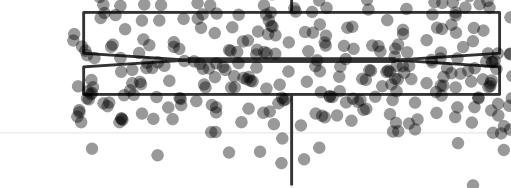
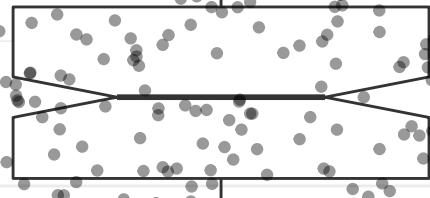
0.04

0.00

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.050

0.025

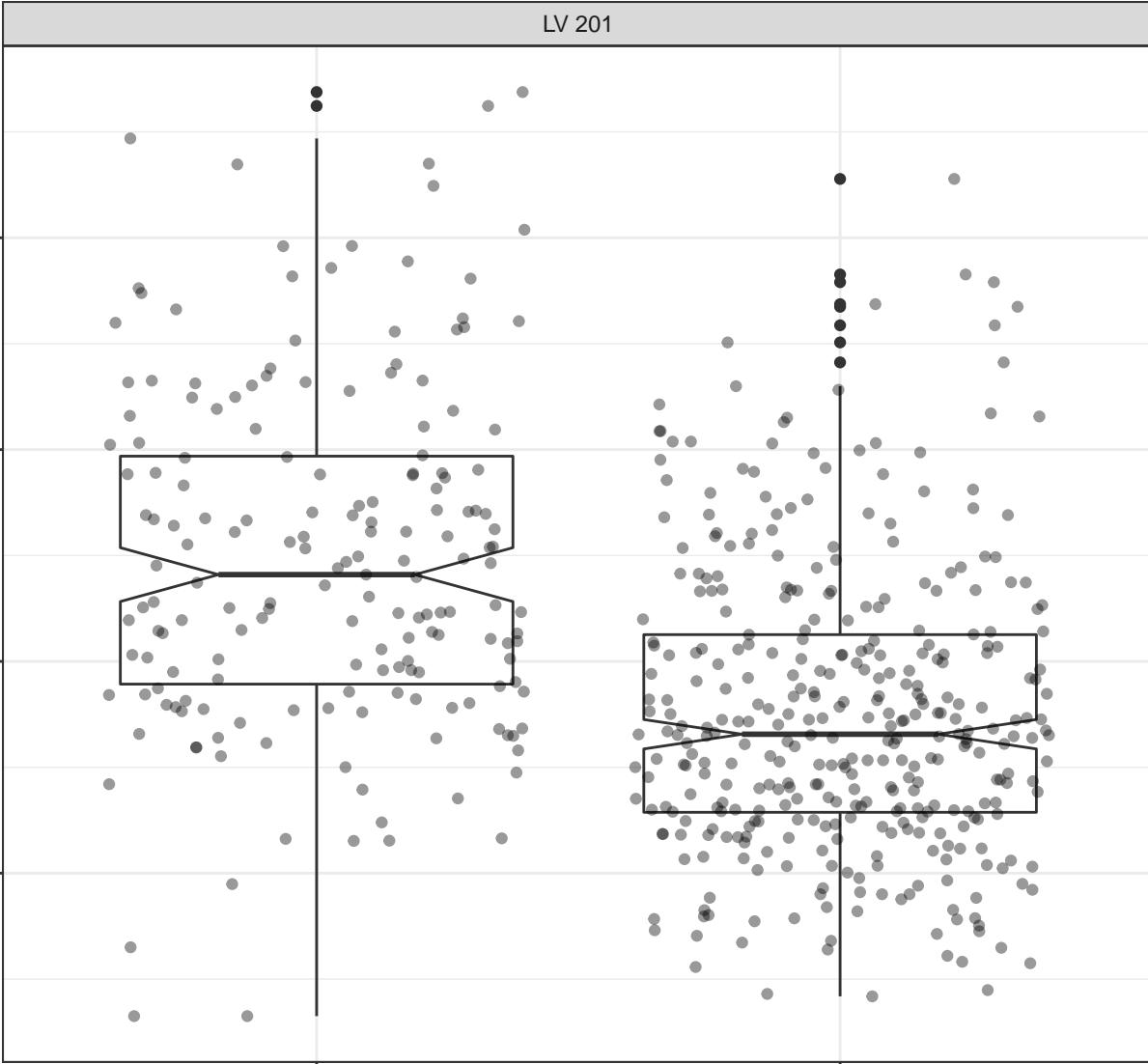
0.000

-0.025

Primary Tumor

Solid Tissue Normal

Tumor



LV 202

Value

0.15

0.10

0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor

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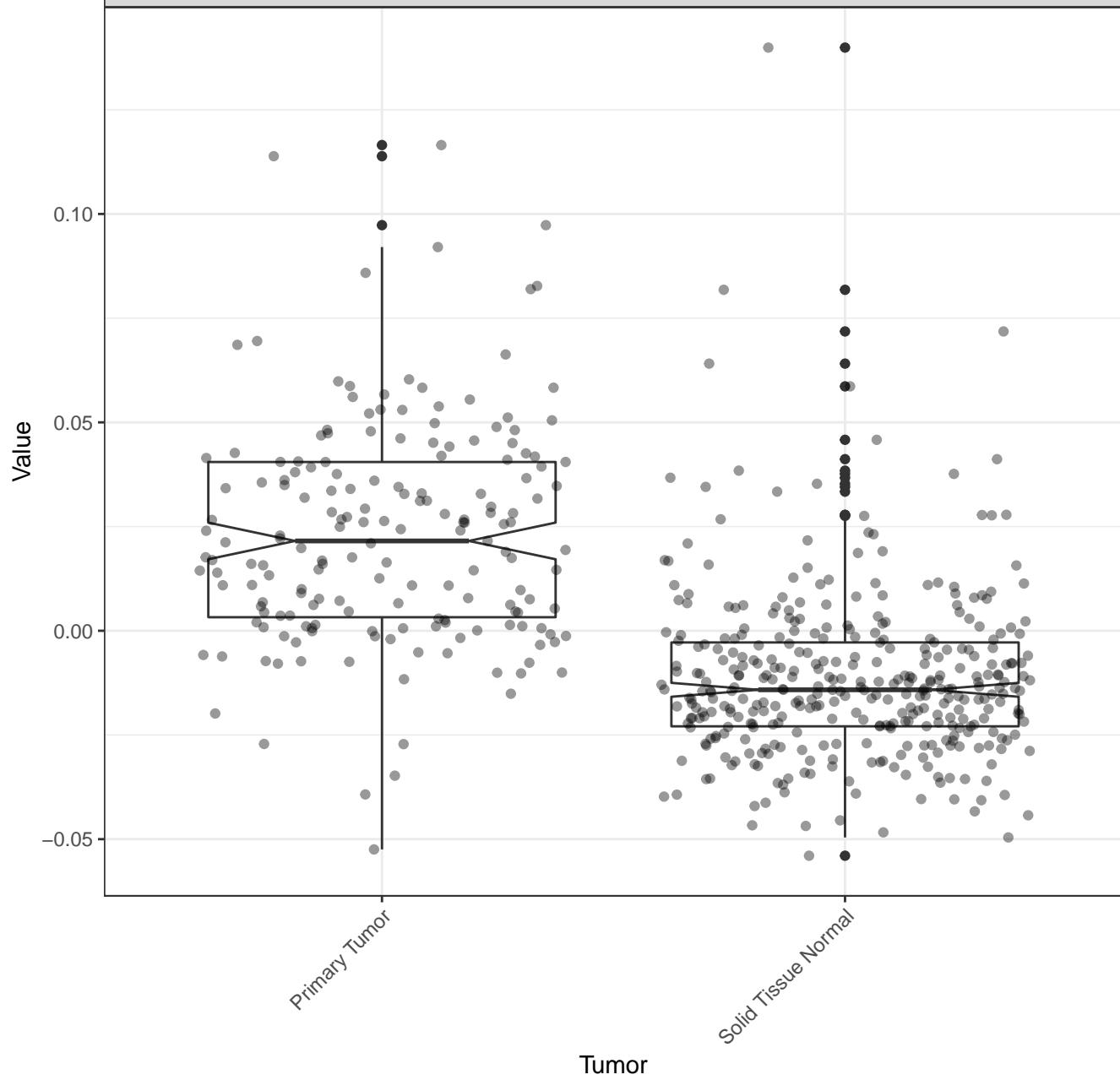
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# E\_NEUROTRANSMITTER\_RECEPTOR\_BINDING\_AND\_DOWNSTREAM\_TRANSMISSION\_IN\_THE\_POSTSY



LV 204

Value

0.08

0.04

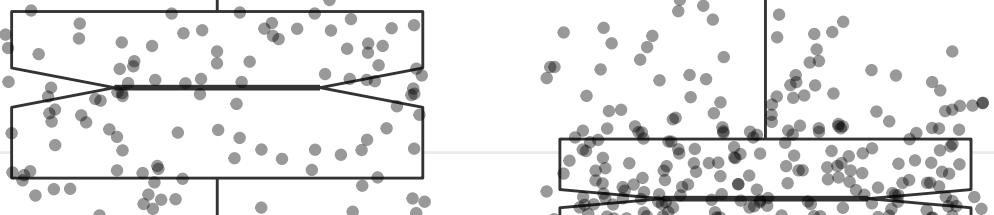
0.00

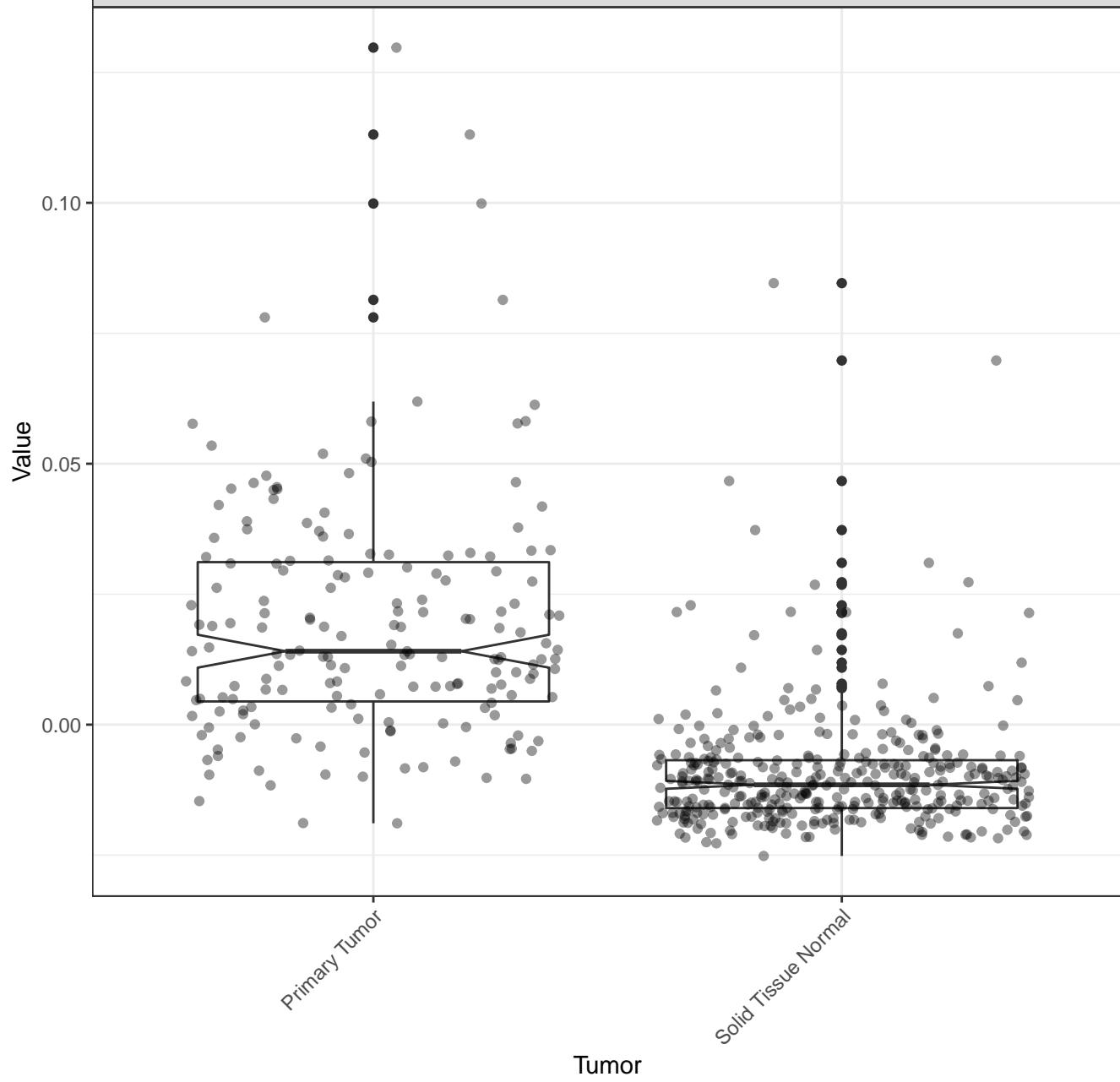
-0.04

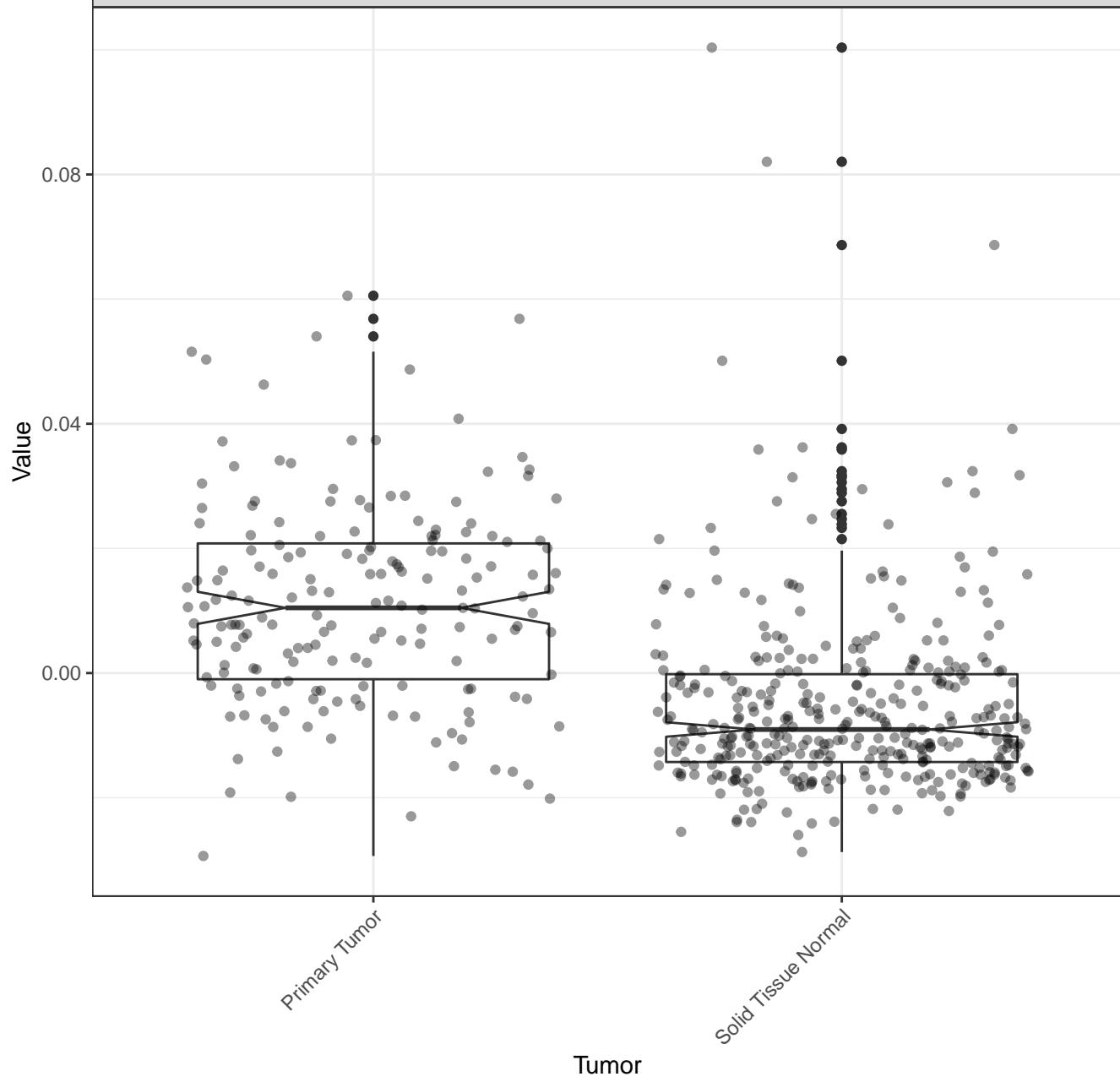
Primary Tumor

Solid Tissue Normal

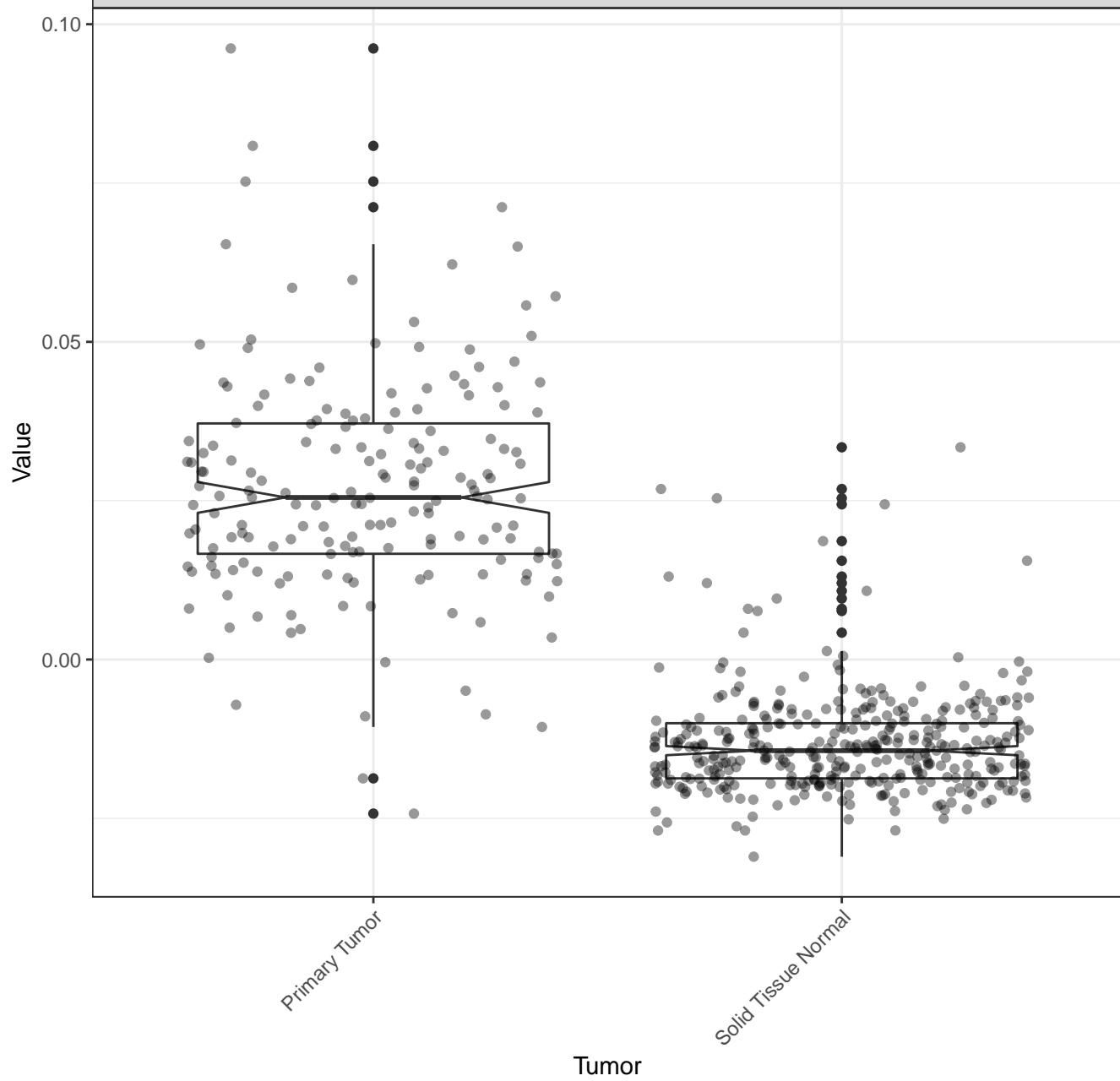
Tumor



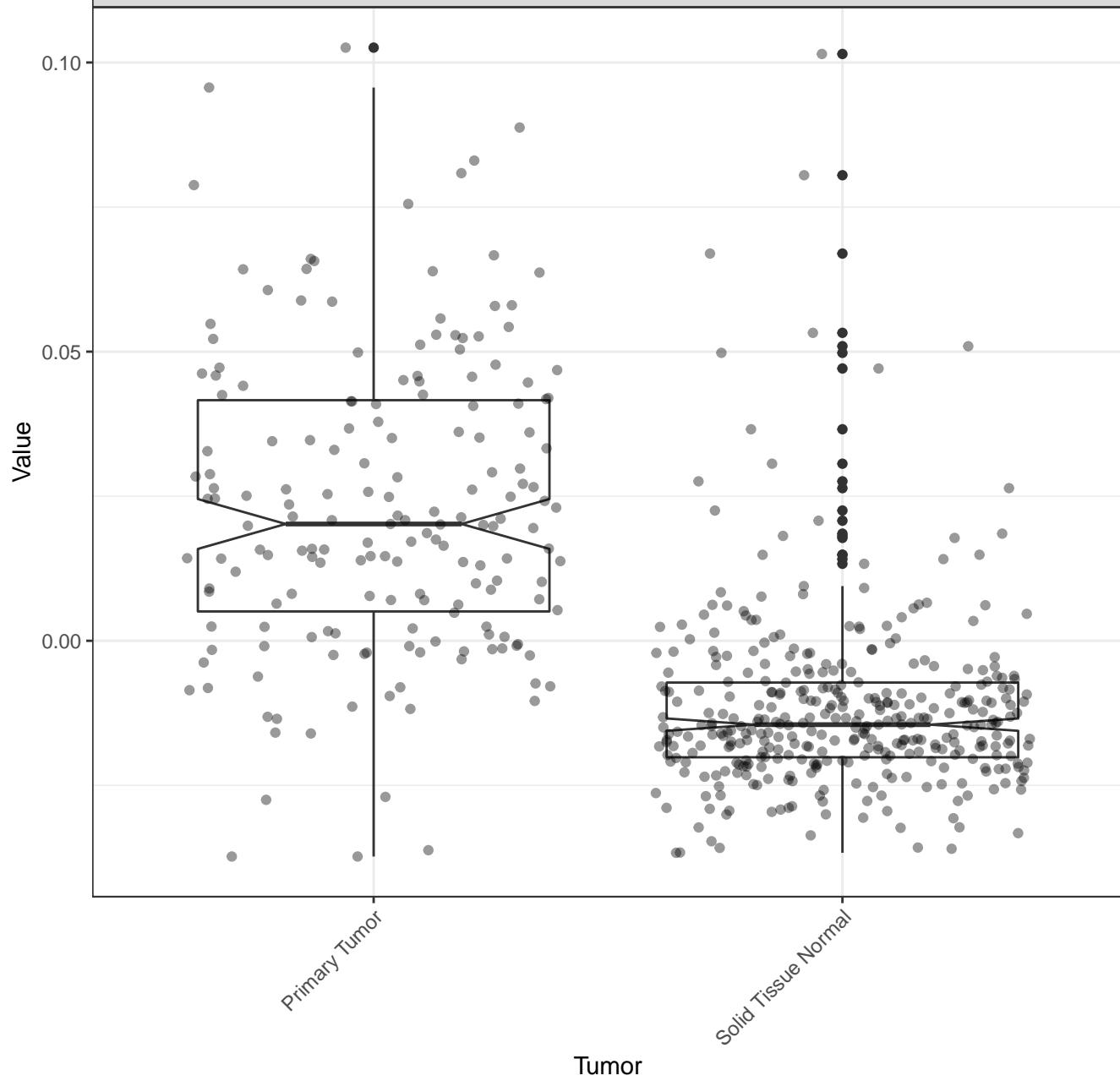




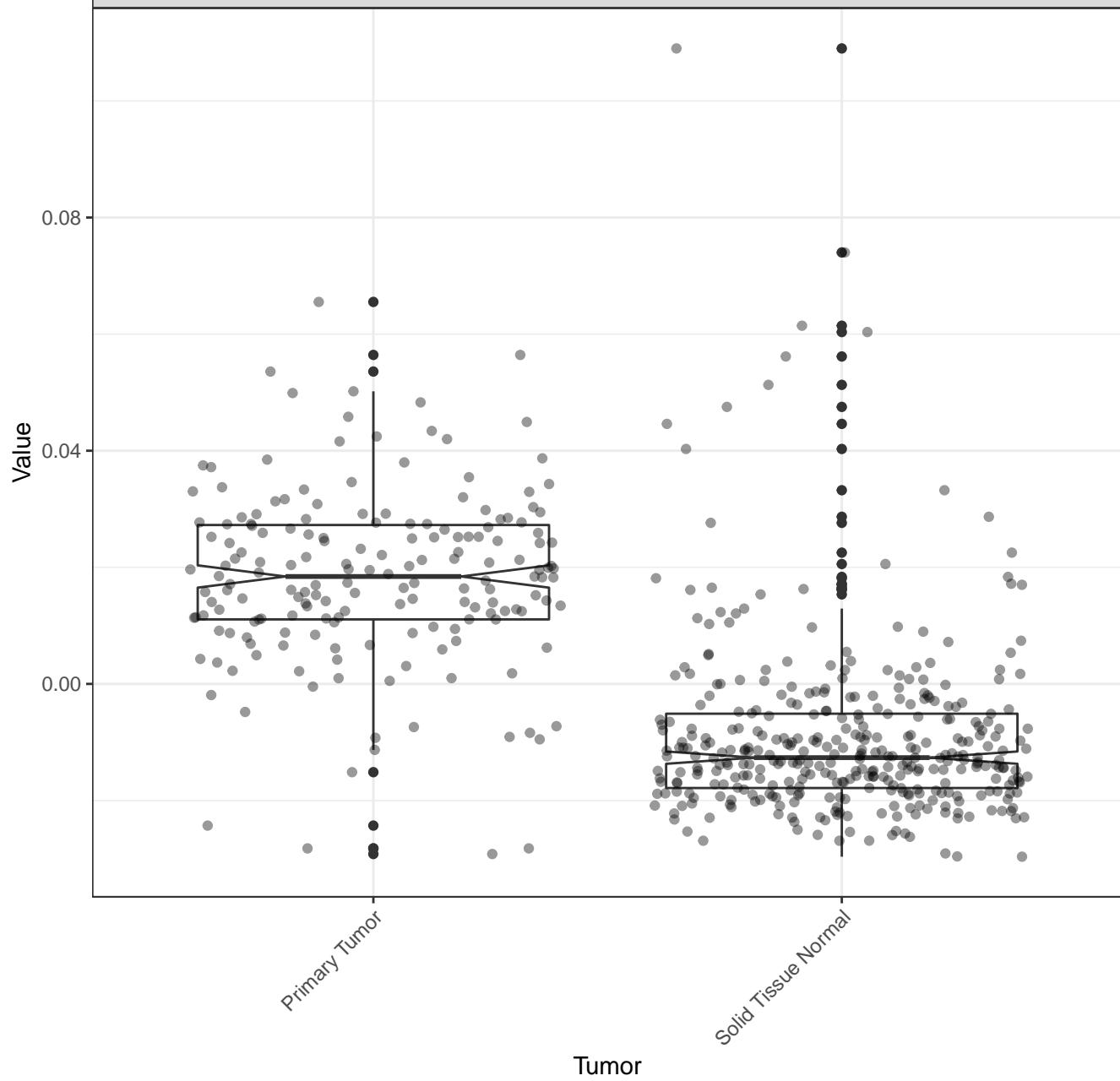
## 207,REACTOME\_GLOBAL\_GENOMIC\_NER\_GG\_NER



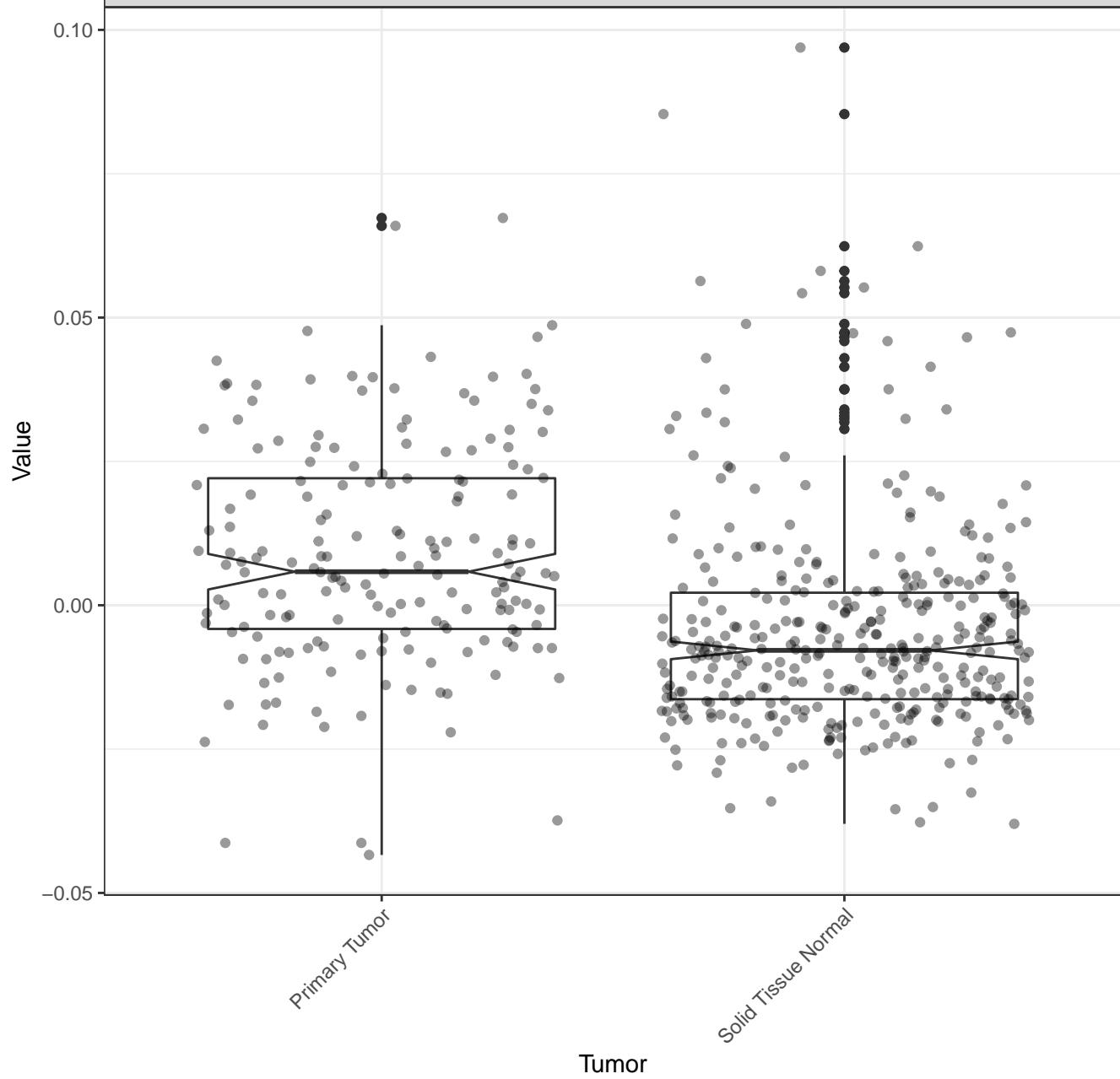
# 208,KEGG\_BASAL\_TRANSCRIPTION\_FACTORS



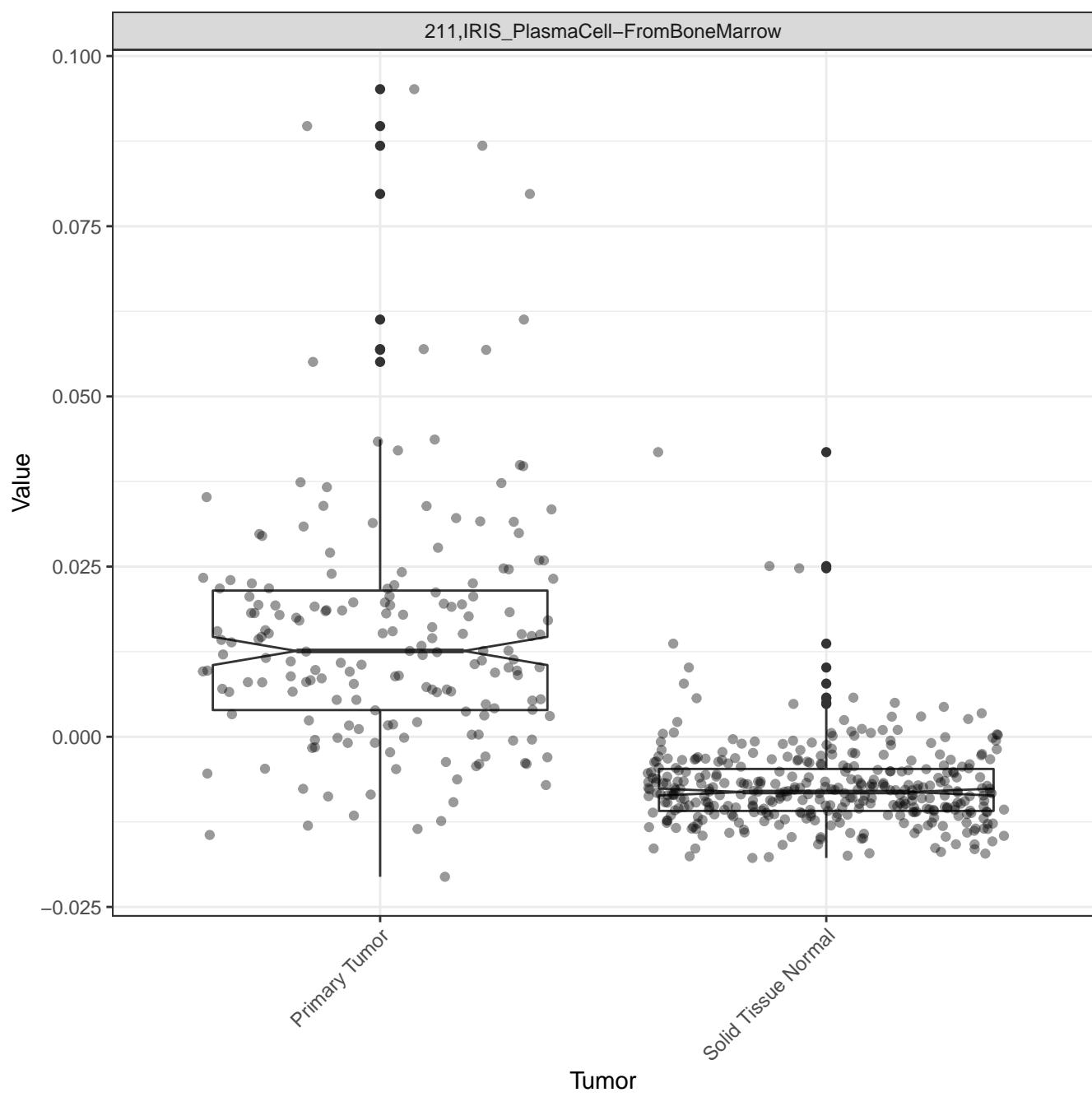
## 209,PID\_CERAMIDE\_PATHWAY



## 210,PID\_HES\_HEYPATHWAY



## 211,IRIS\_PlasmaCell–FromBoneMarrow



## 212,REACTOME\_RNA\_POL\_III\_TRANSCRIPTION

Value

0.10

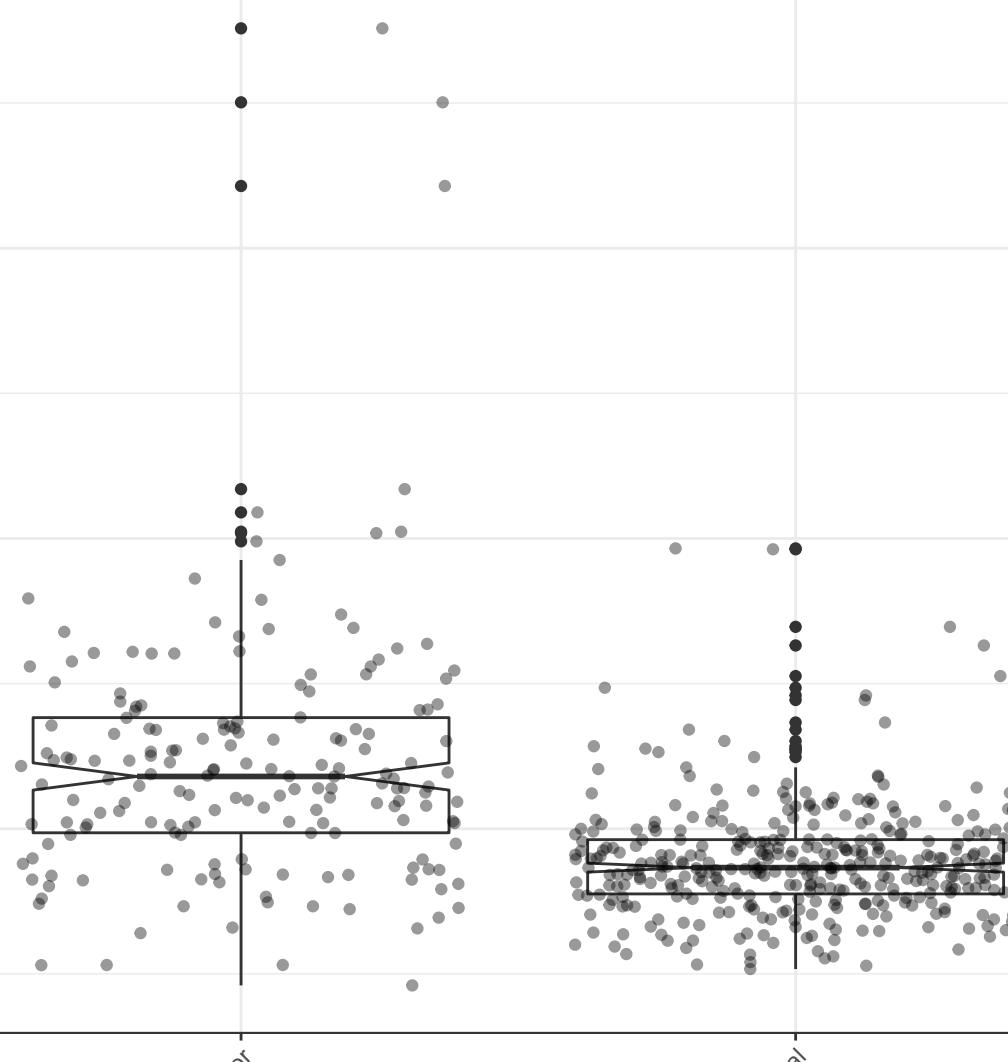
0.05

0.00

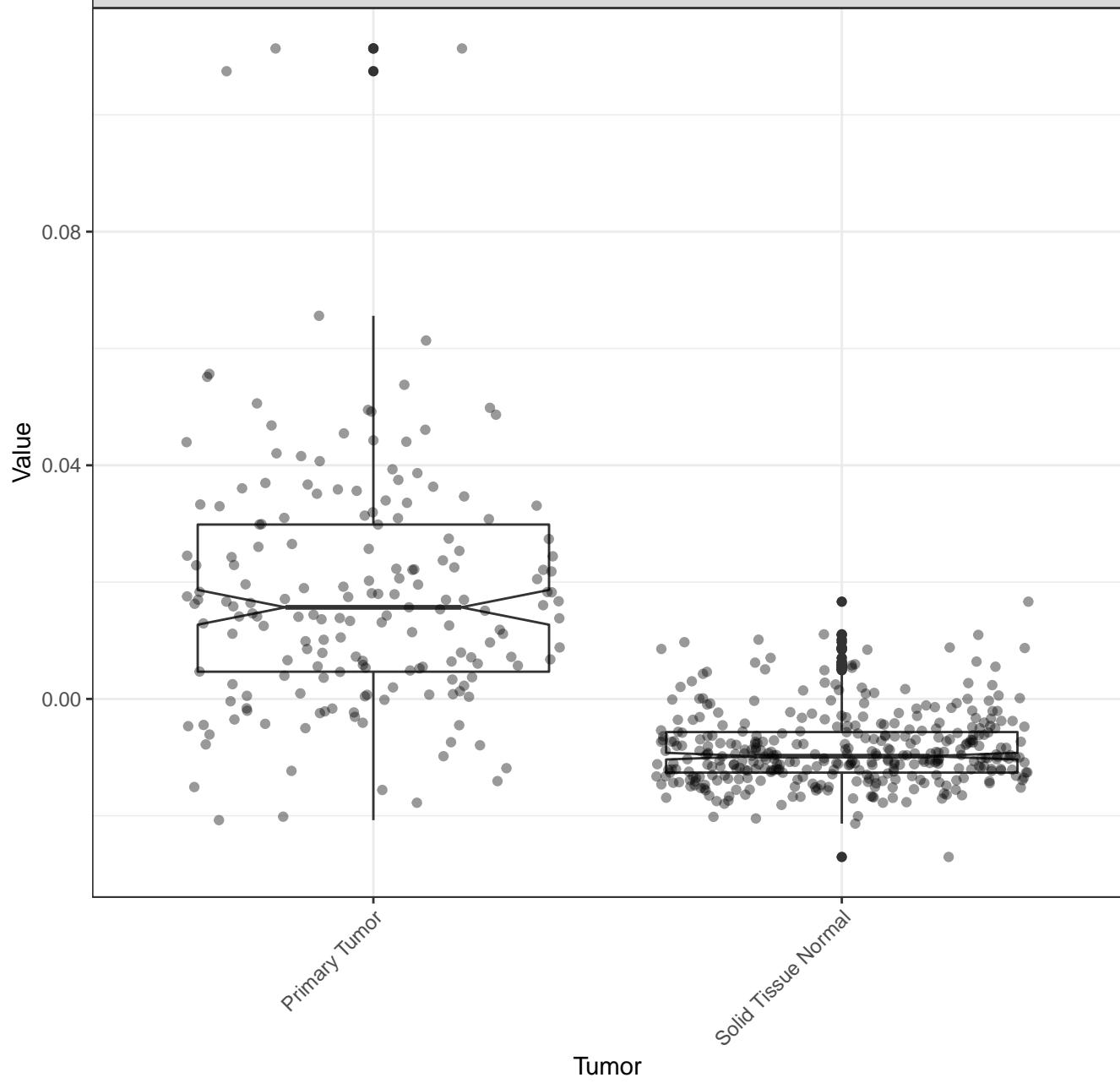
Primary Tumor

Solid Tissue Normal

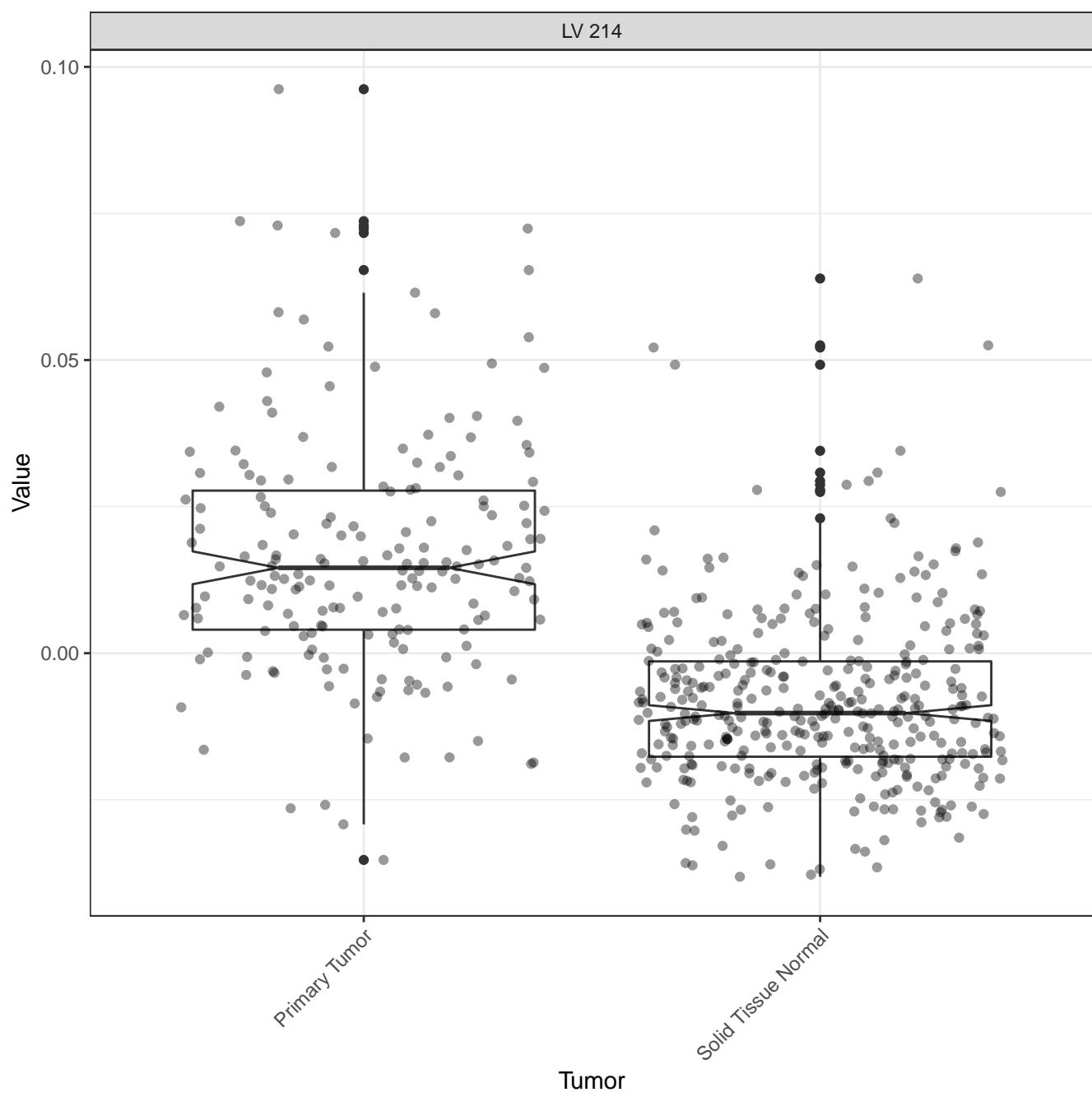
Tumor



## 213,PID\_MYC\_ACTIVPATHWAY



LV 214



Value

0.10

0.05

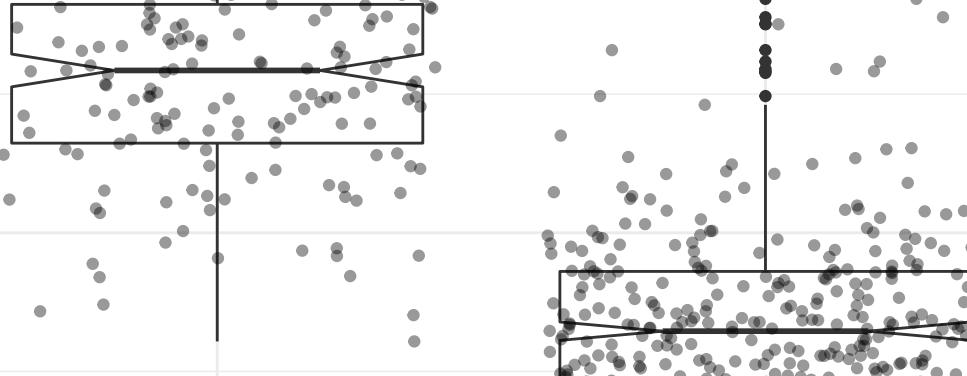
0.00

-0.05

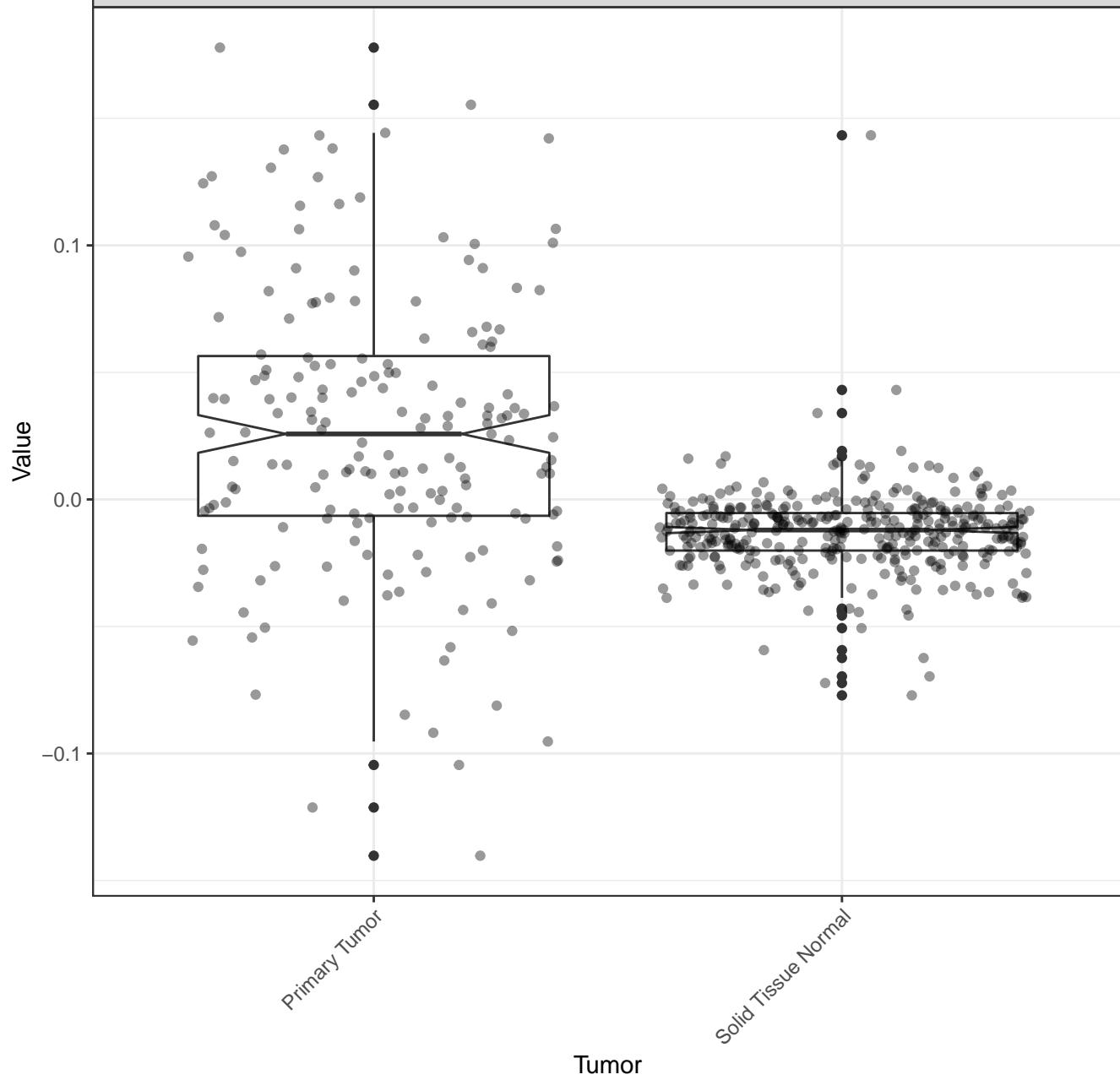
Primary Tumor

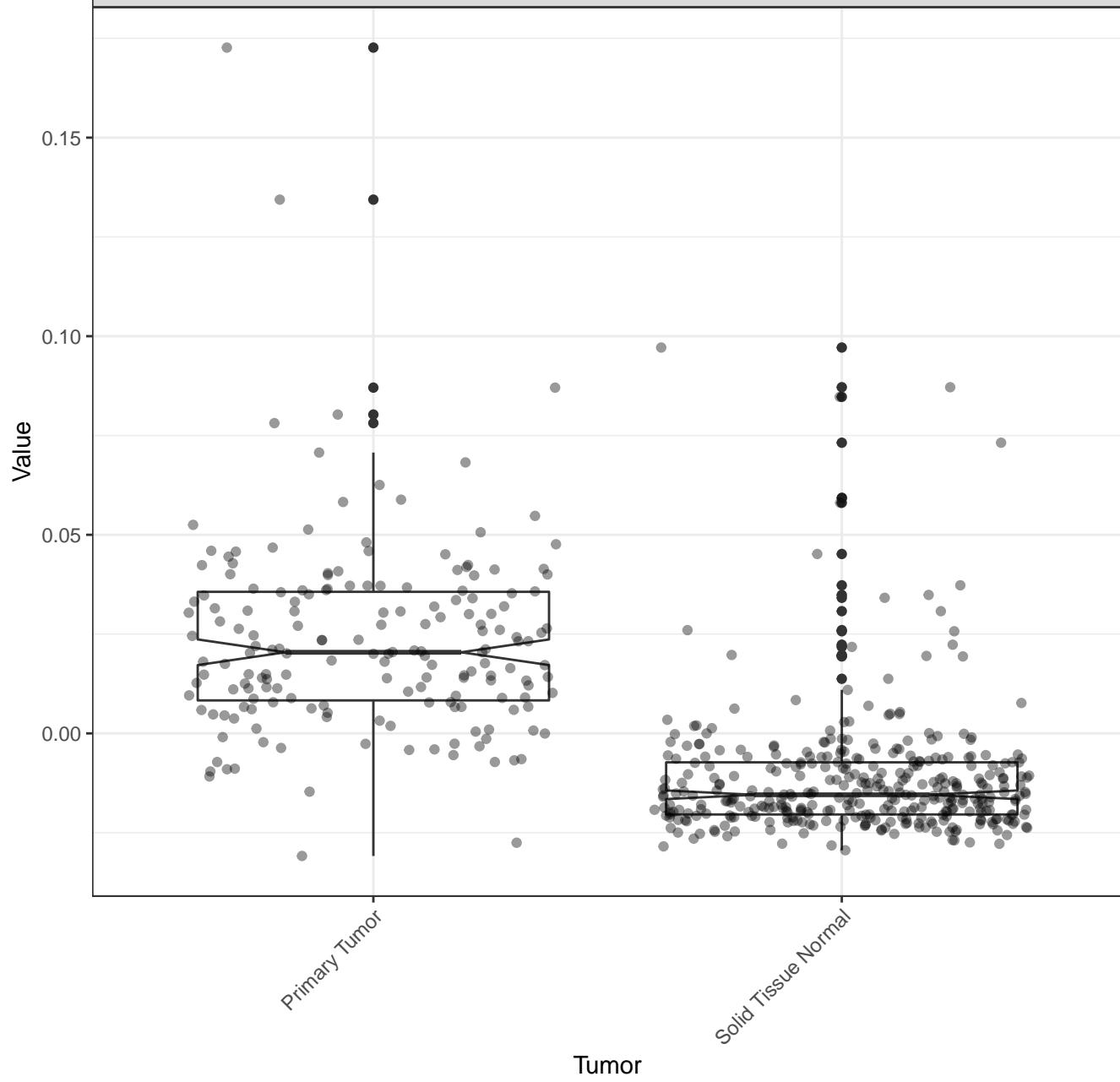
Solid Tissue Normal

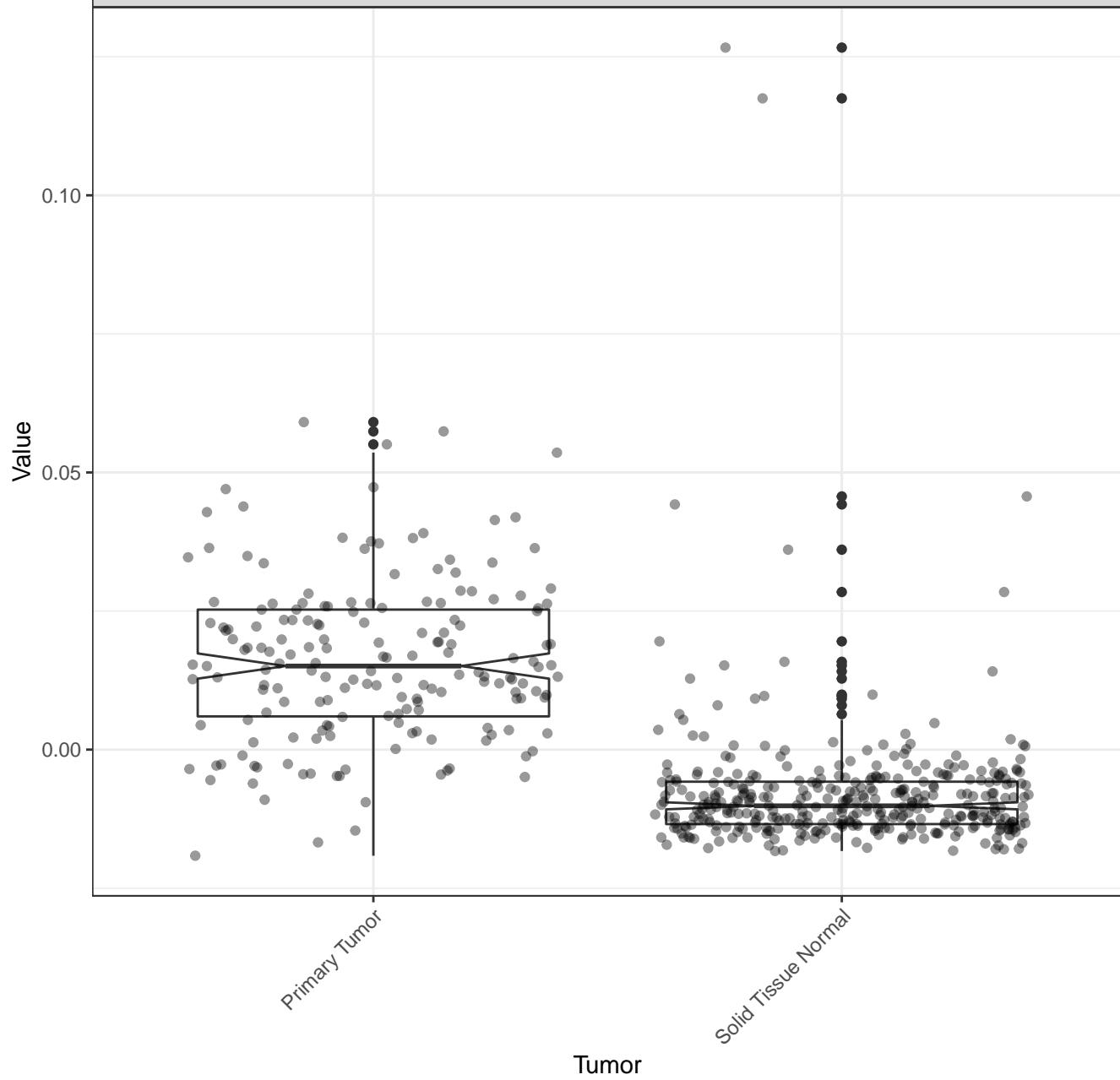
Tumor



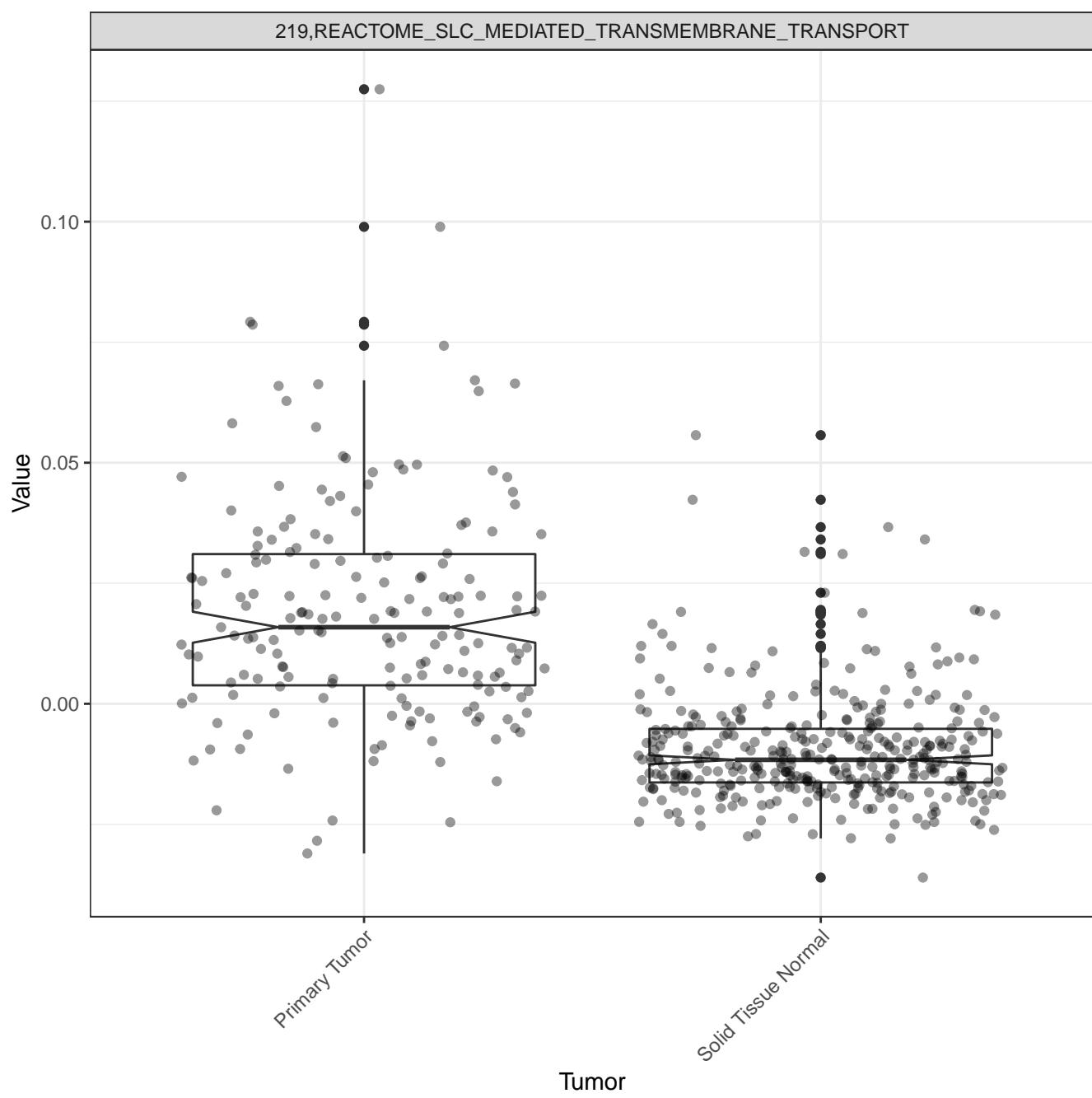
# 216,KEGG\_PATHOGENIC\_ESCHERICHIA\_COLI\_INFECT







## 219,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT



220,REACTOME\_RIG\_I\_MDA5\_MEDIATED\_INDUCTION\_OF\_IFN\_ALPHA\_BETA\_PATHWAYS

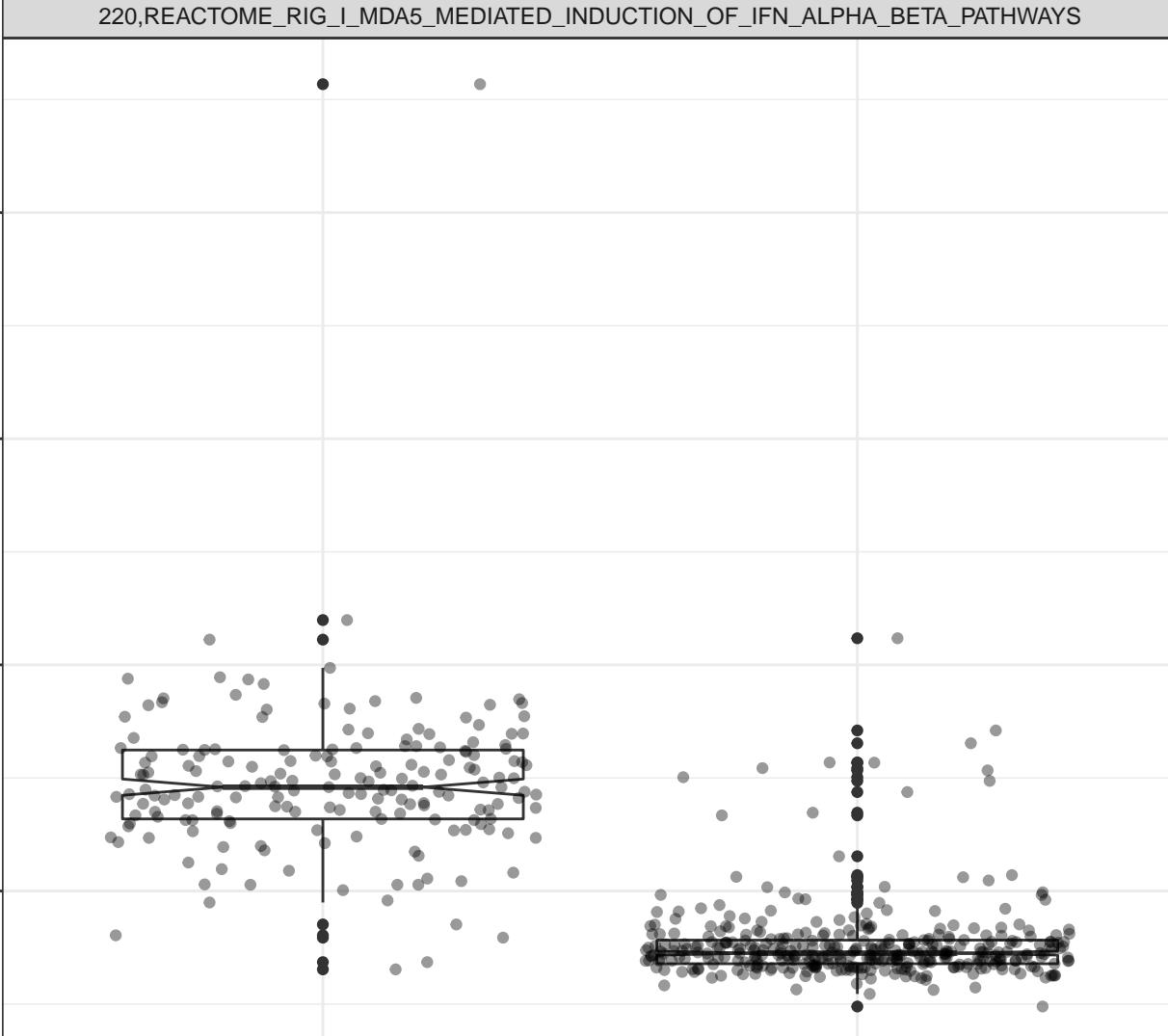
Value

0.15  
0.10  
0.05  
0.00

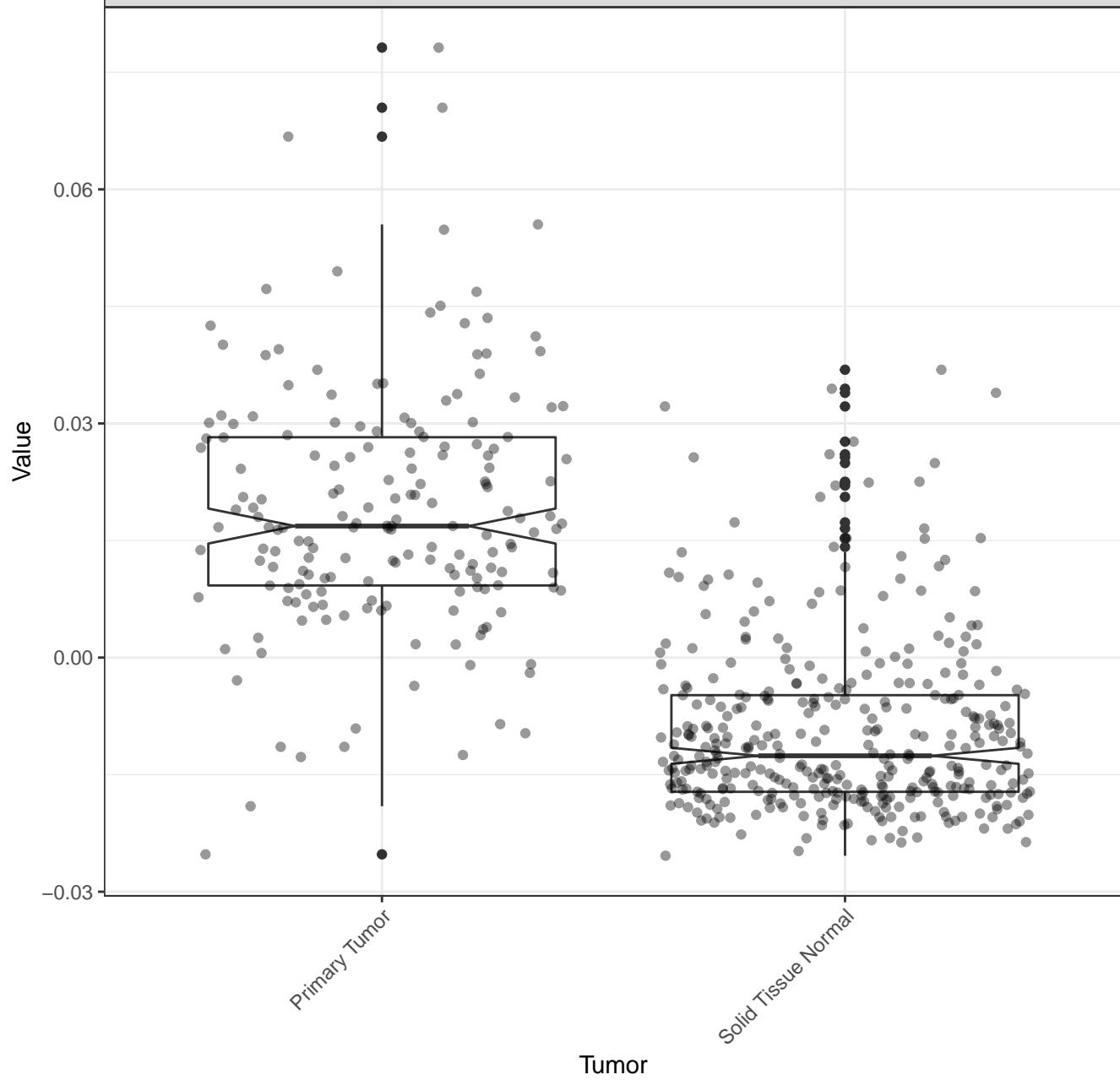
Primary Tumor

Tumor

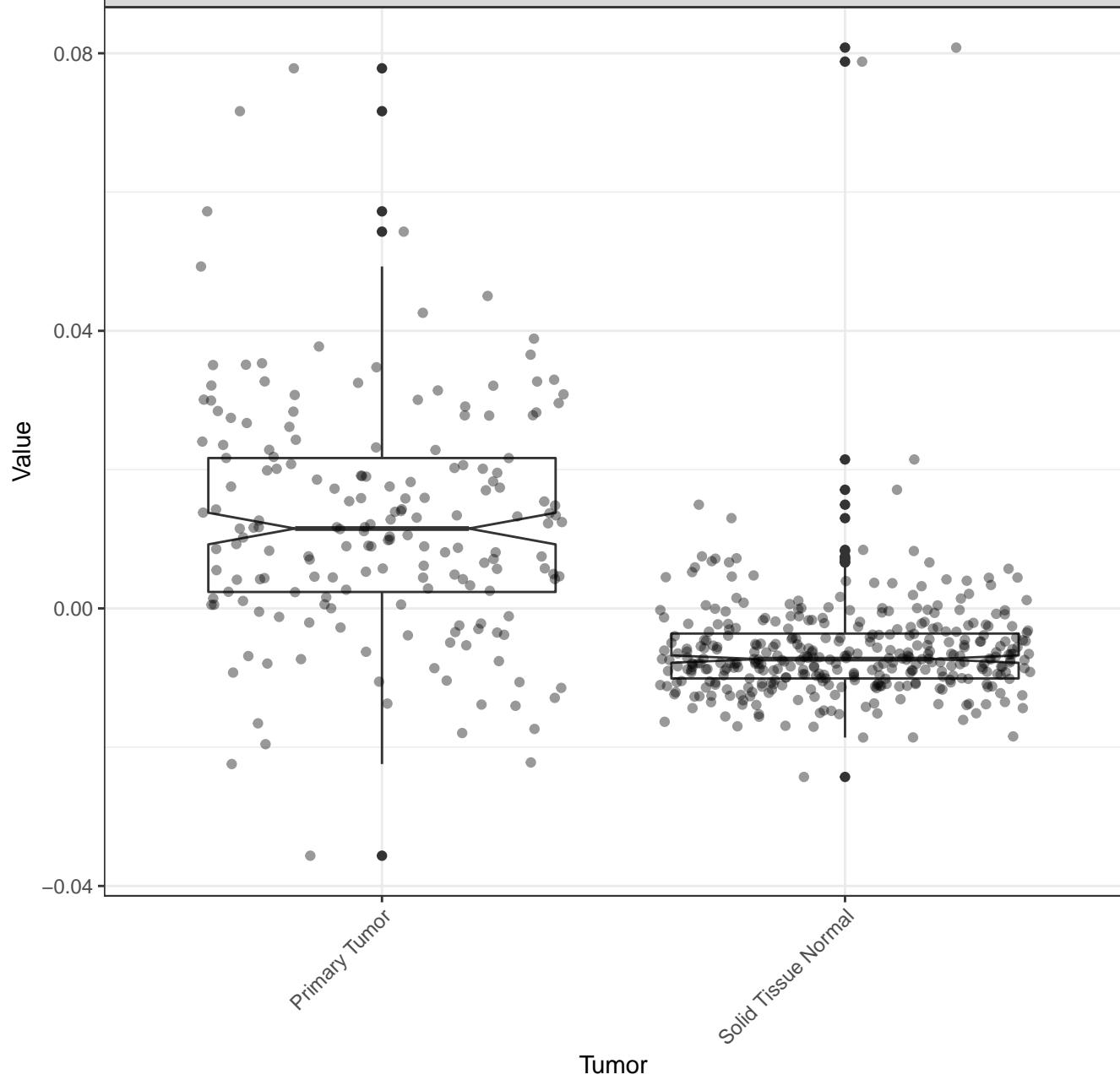
Solid Tissue Normal



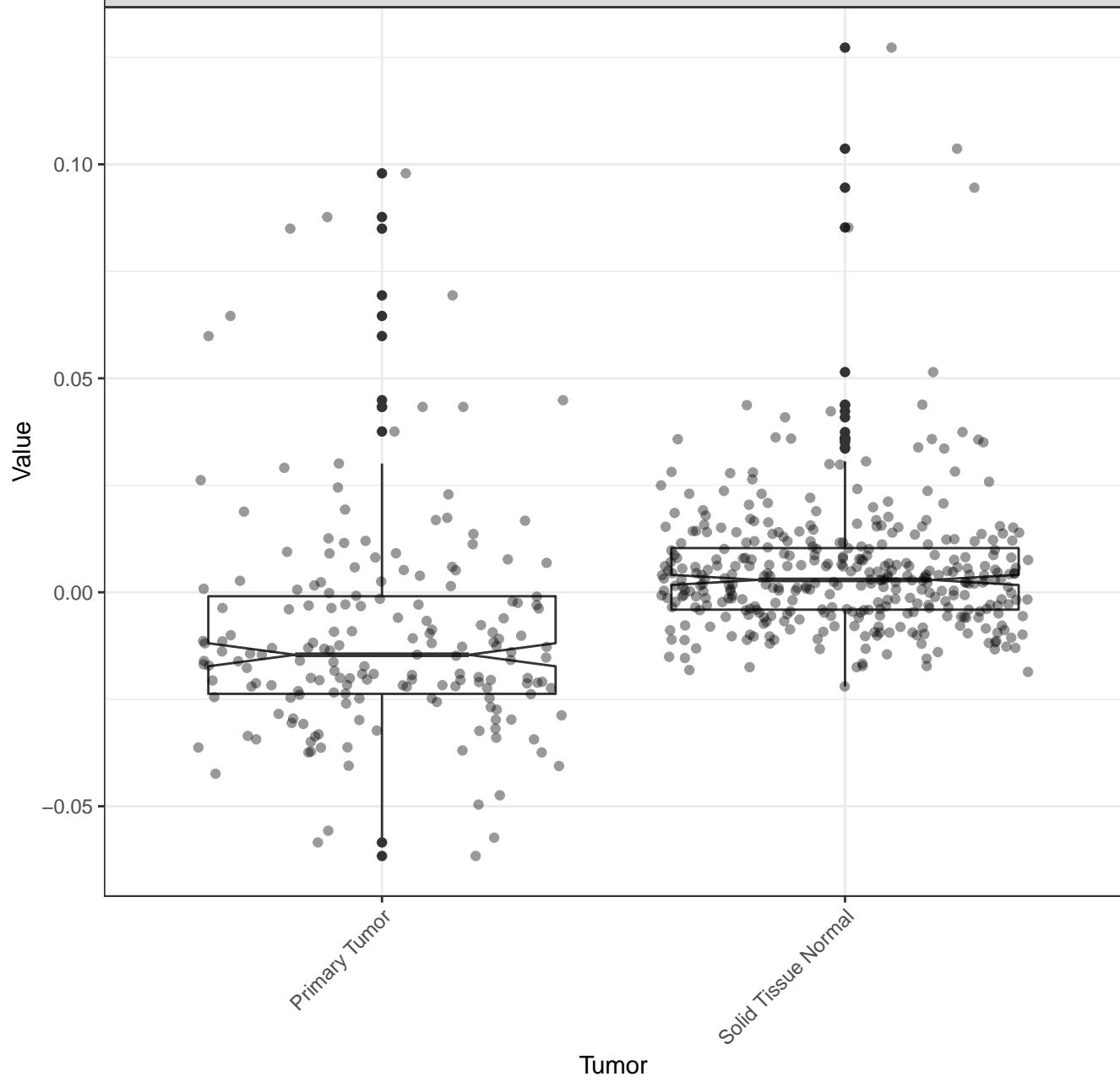
## 221,DMAP\_ERY4



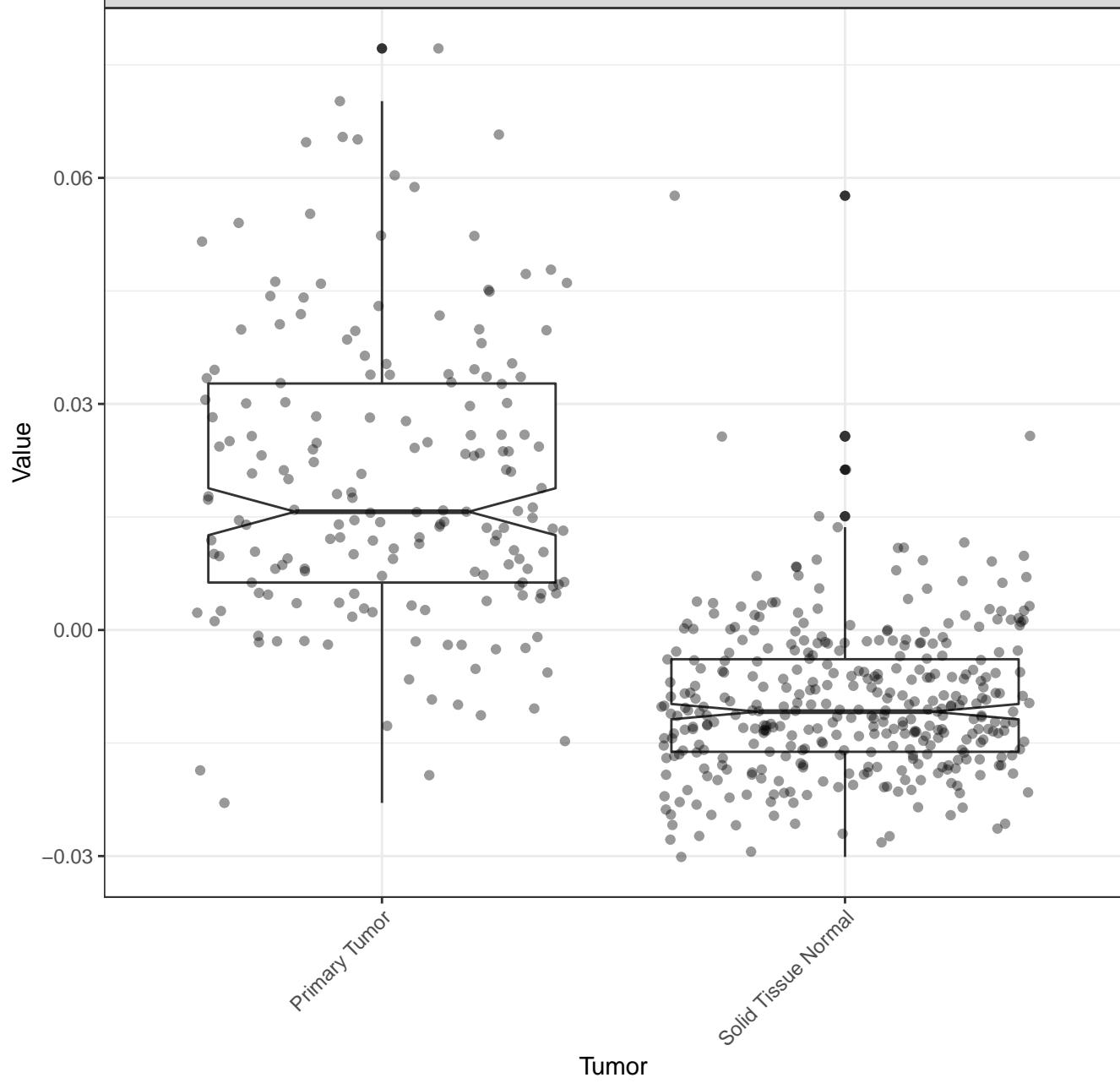
## 222,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS



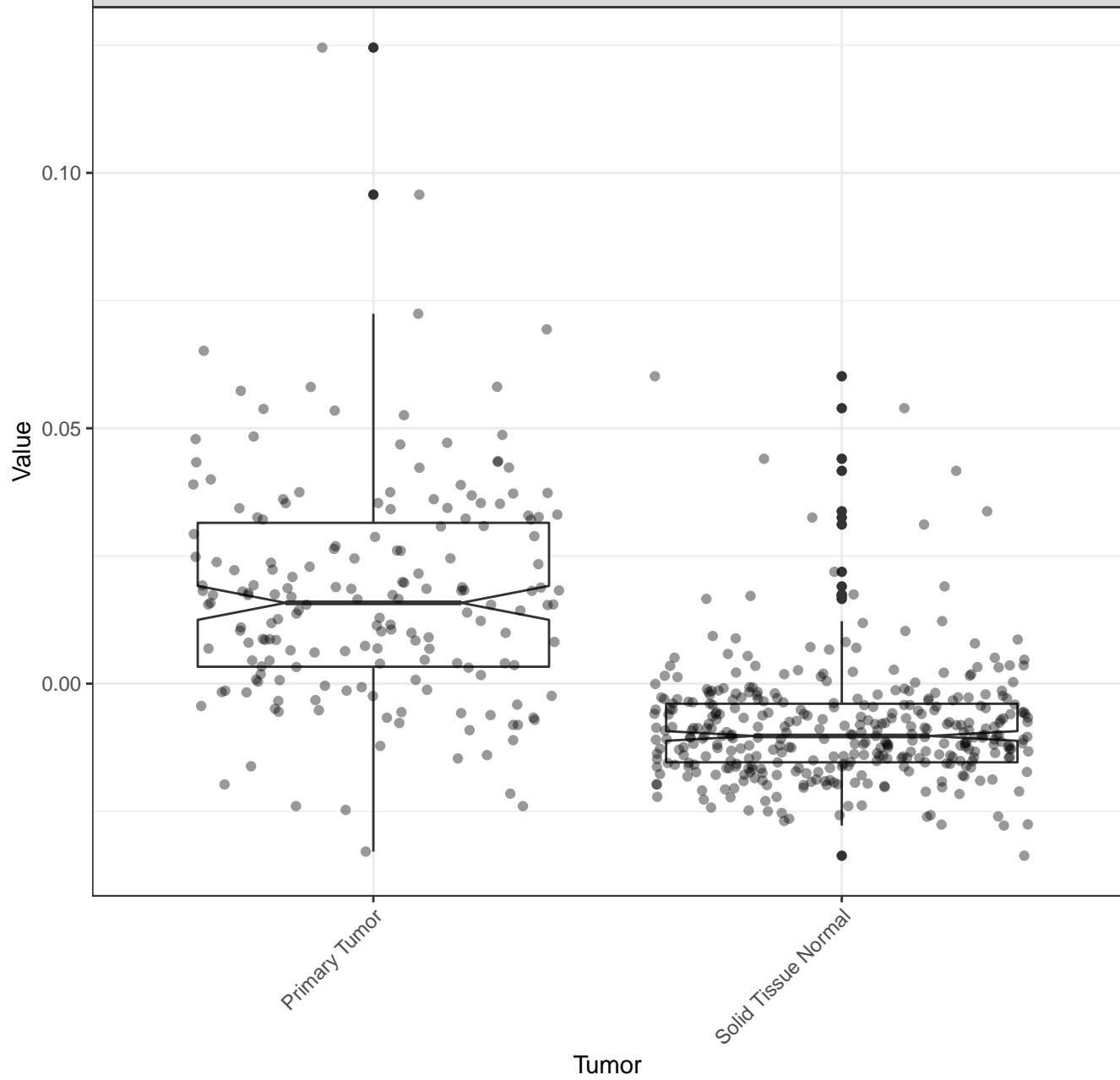
## 223,PID\_P75NTRPATHWAY



## 224,DMAP\_HSC1



## 225,KEGG\_CYSTEINE\_AND\_METHIONINE\_METABOLISM



LV 226

Value

0.12

0.08

0.04

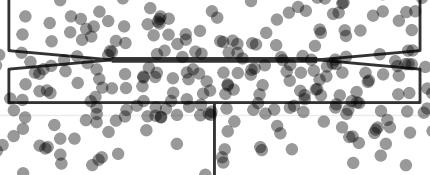
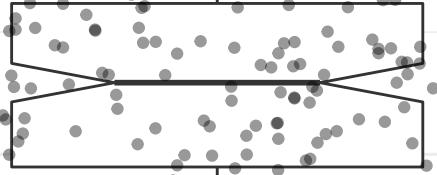
0.00

-0.04

Primary Tumor

Solid Tissue Normal

Tumor



227,REACTOME\_INTERACTIONS\_OF\_VPR\_WITH\_HOST\_CELLULAR\_PROTEINS

Value

0.10

0.05

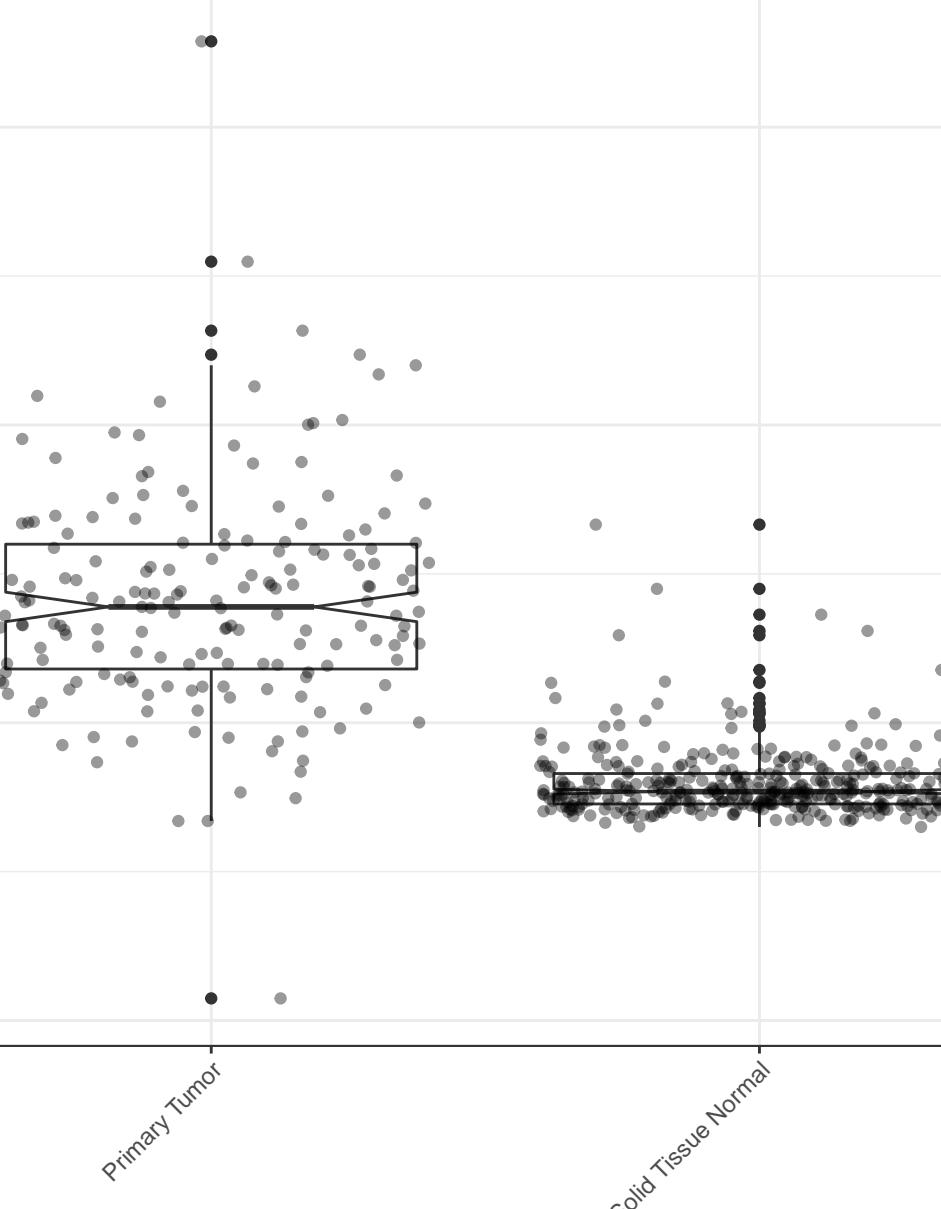
0.00

-0.05

Primary Tumor

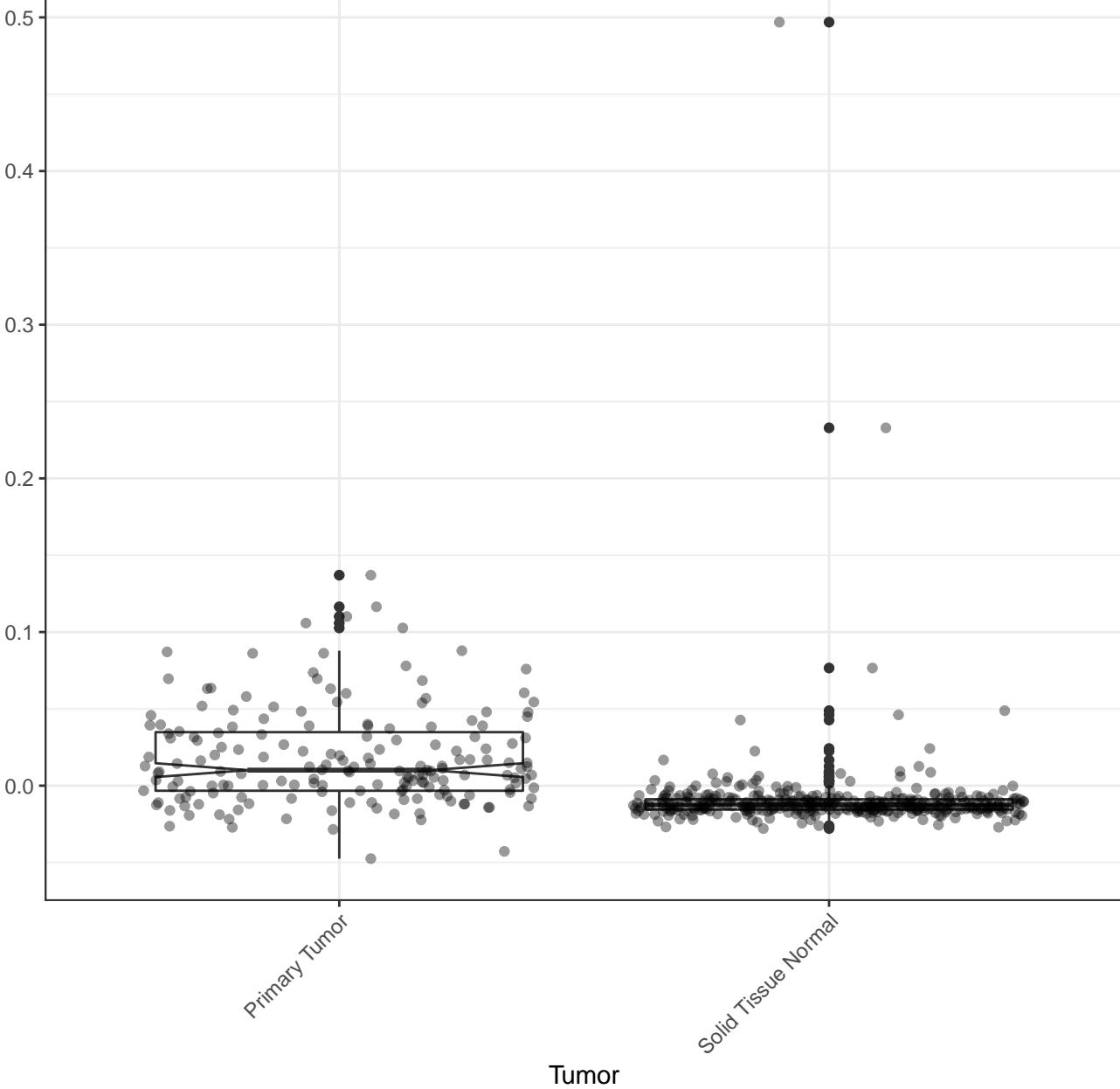
Tumor

Solid Tissue Normal



## 228,DMAP\_NKA3

Value



## 229,PID\_ATF2\_PATHWAY

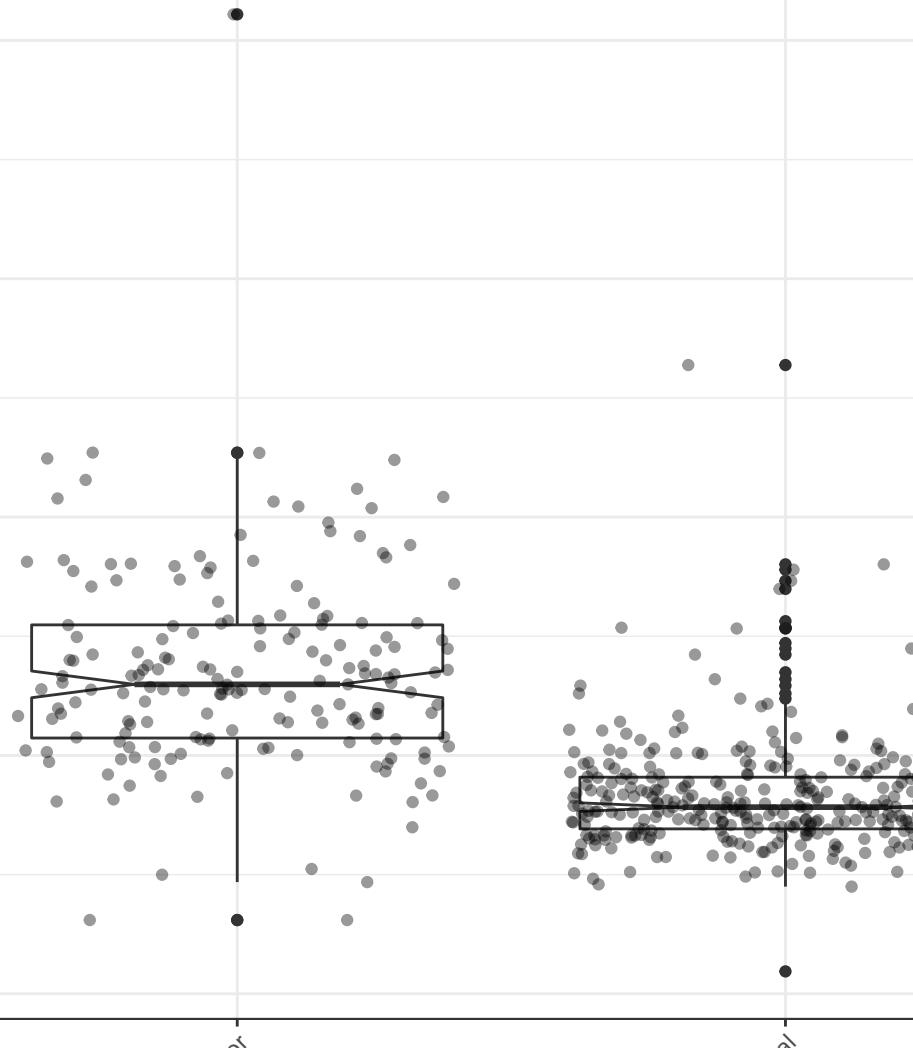
Value

0.15  
0.10  
0.05  
0.00  
-0.05

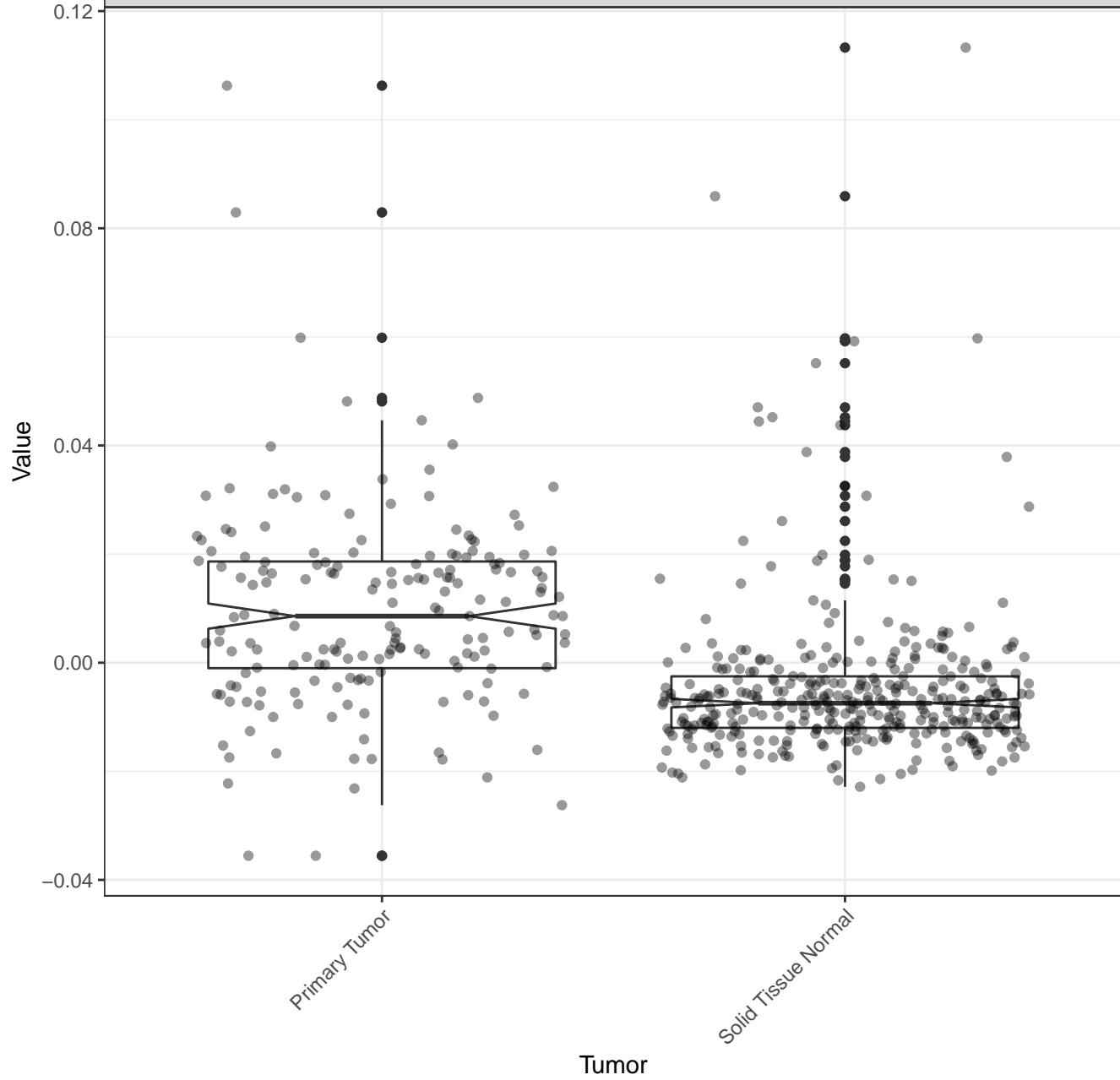
Primary Tumor

Solid Tissue Normal

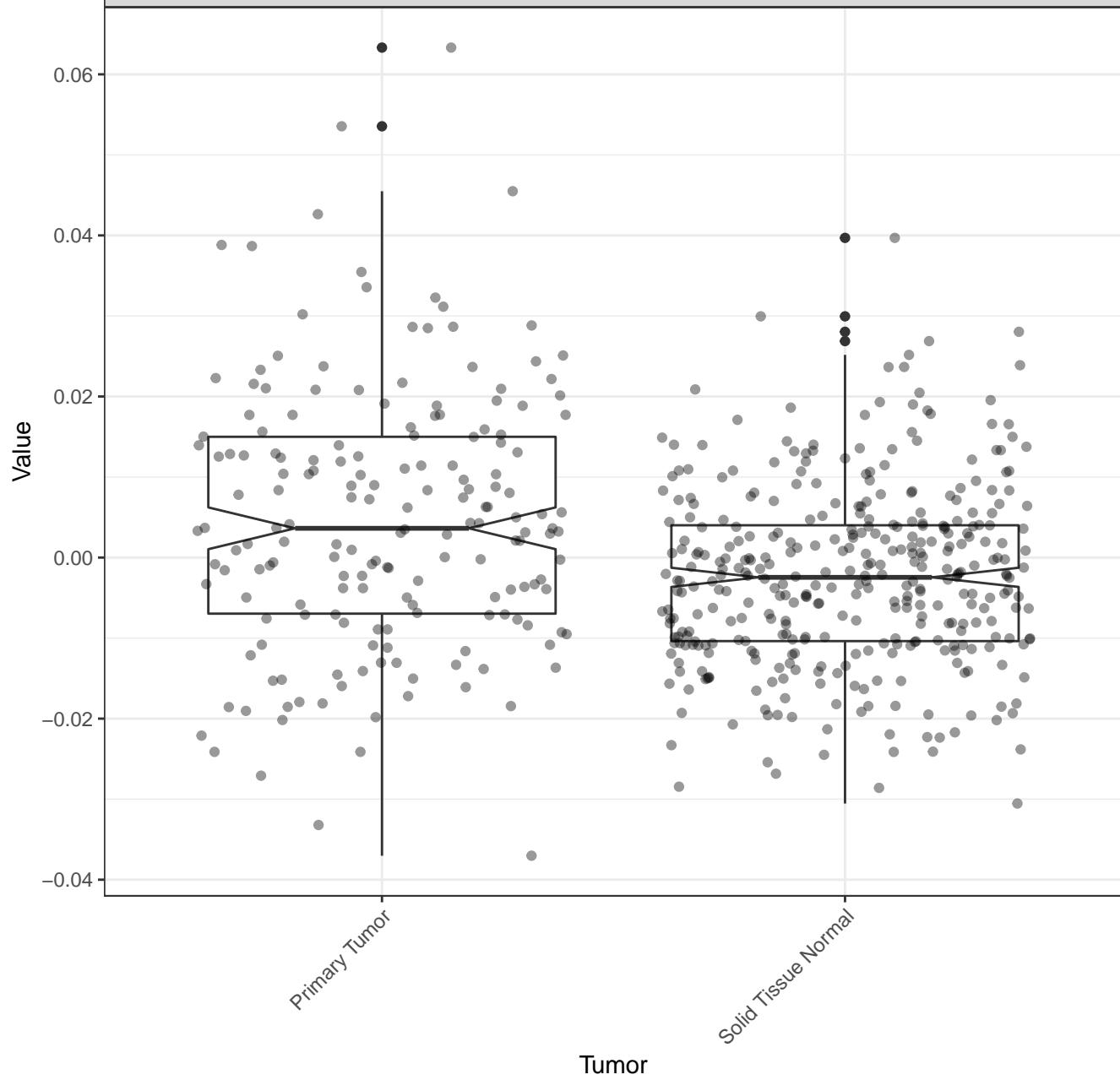
Tumor



## 230,REACTOME\_CELL\_CYCLE



## 231,REACTOME\_CELL\_CYCLE



## 232,REACTOME\_LOSS\_OF\_NLP\_FROM\_MITOTIC\_CENTROSOMES

Value

0.08

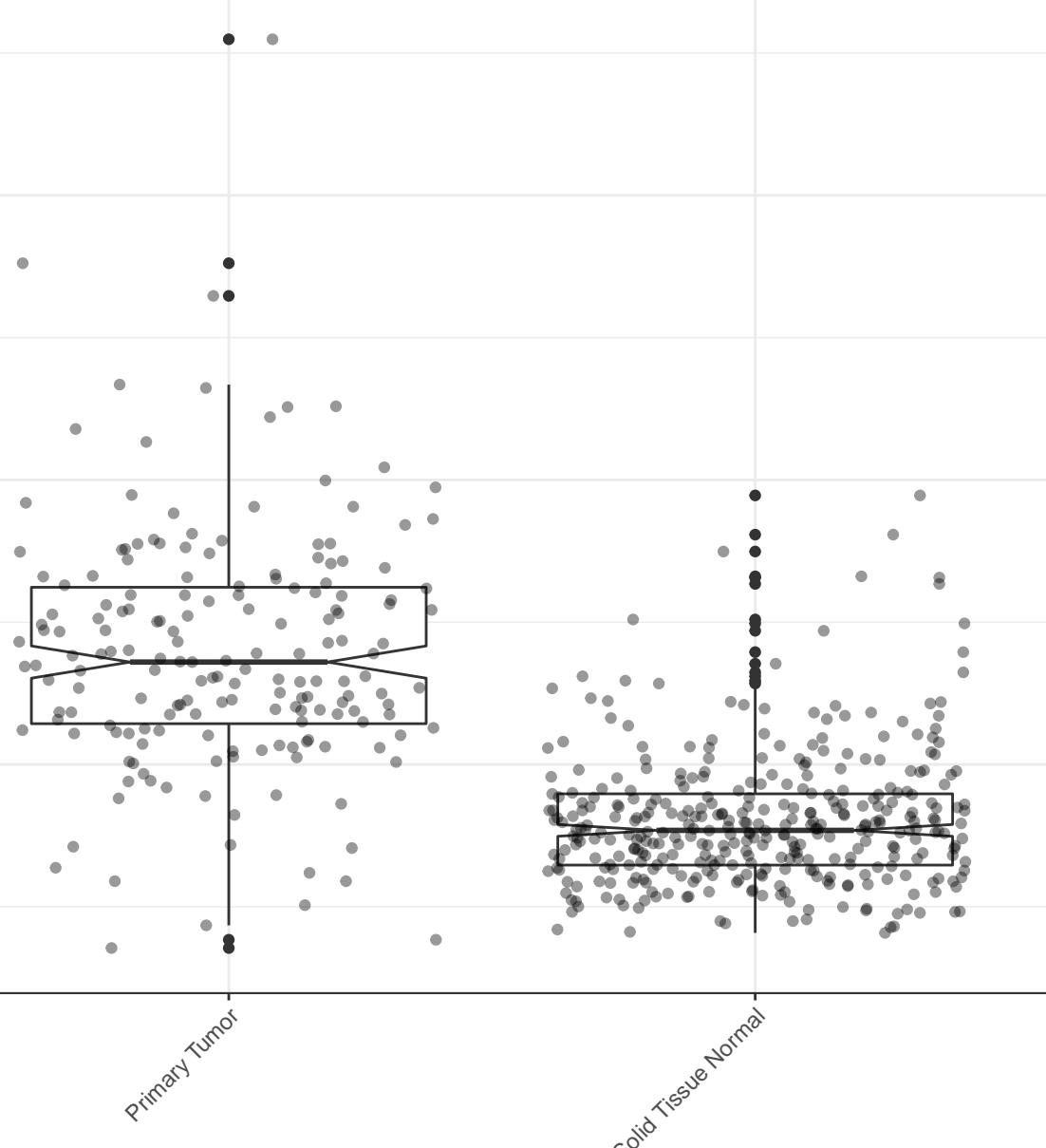
0.04

0.00

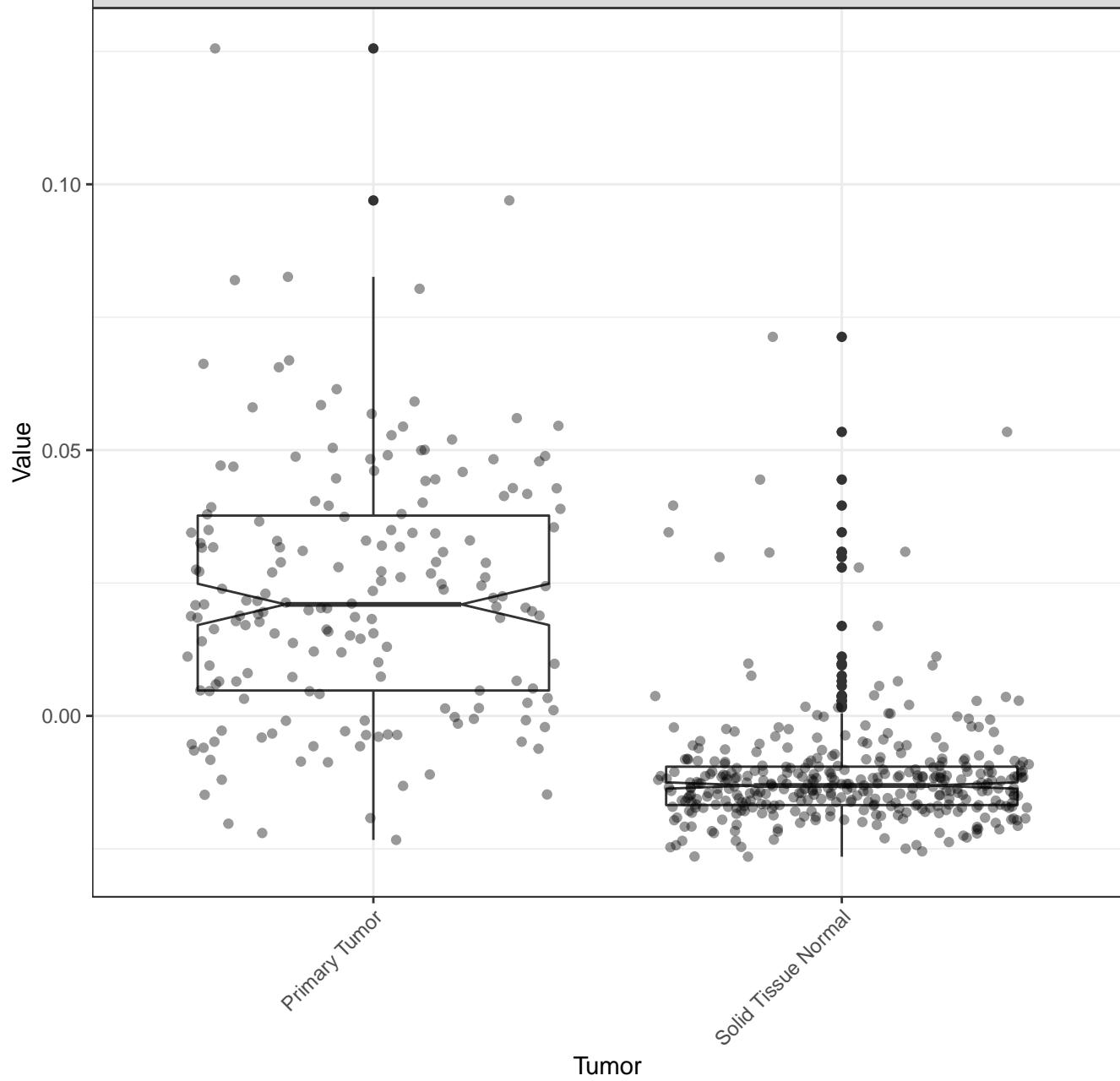
Primary Tumor

Solid Tissue Normal

Tumor



## 233,DMAP\_ERY5



Value

0.15

0.10

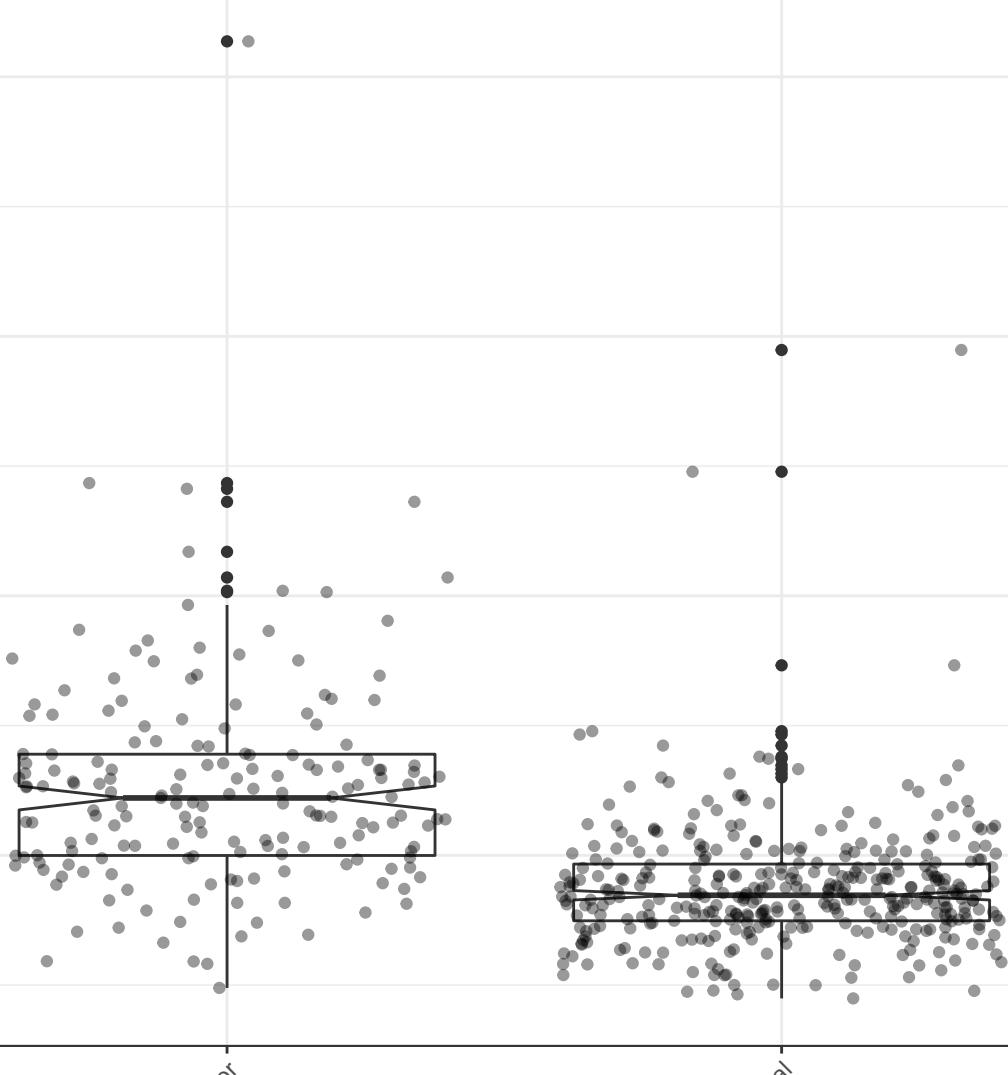
0.05

0.00

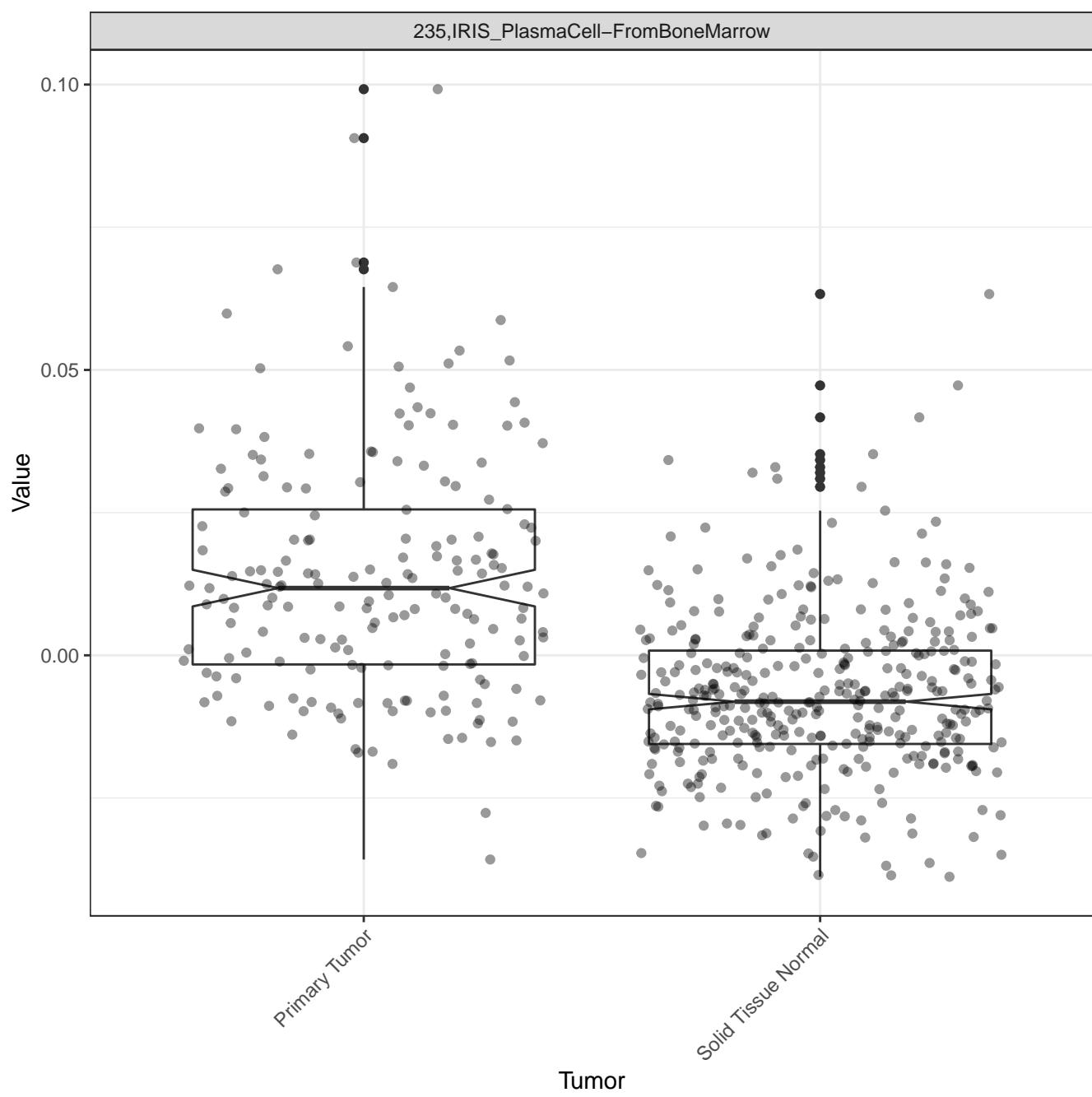
Primary Tumor

Solid Tissue Normal

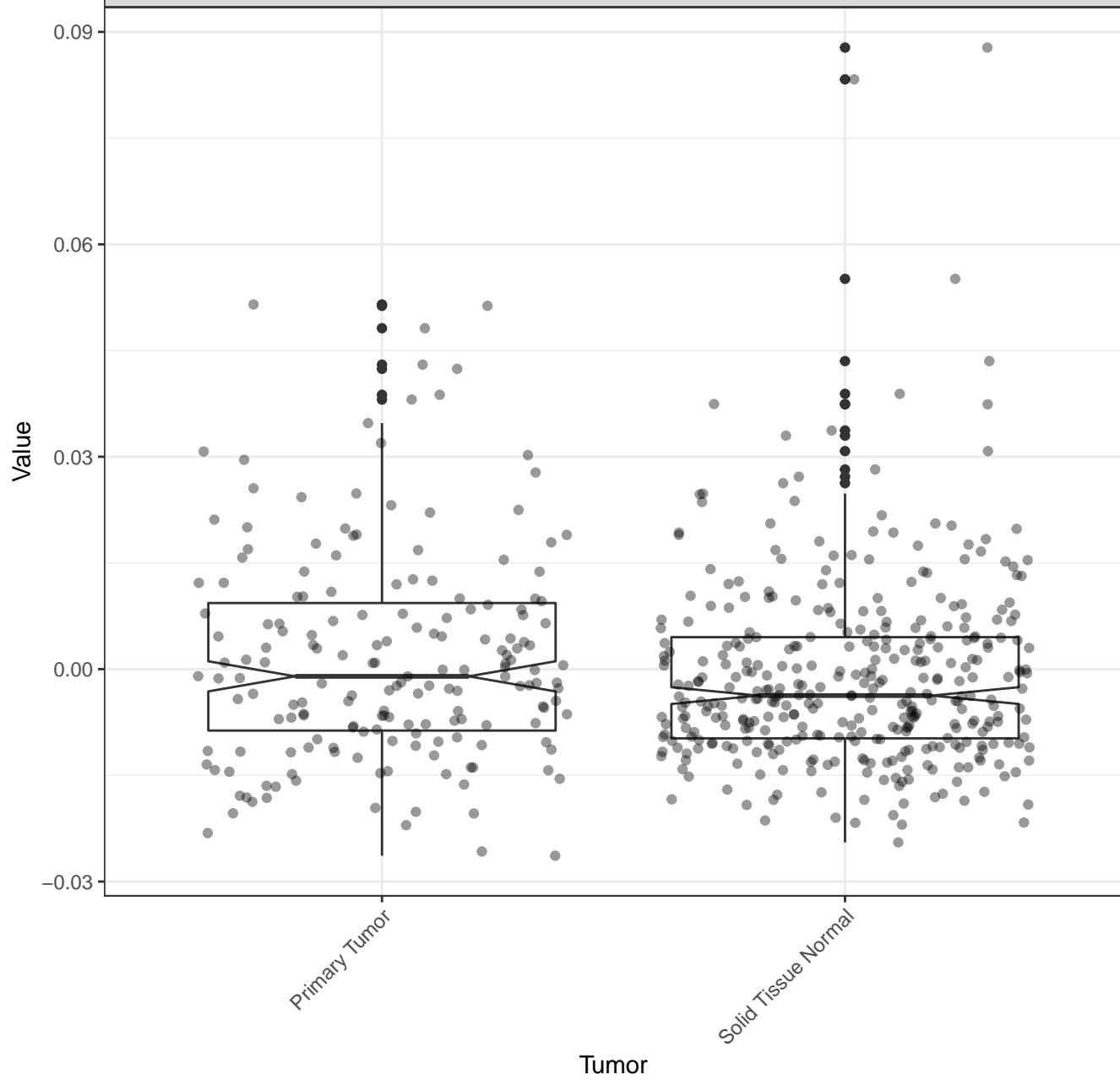
Tumor



235,IRIS\_PlasmaCell–FromBoneMarrow



## 236,REACTOME\_MEIOSIS



### 237,SVM Macrophages M0

Value

0.4

0.3

0.2

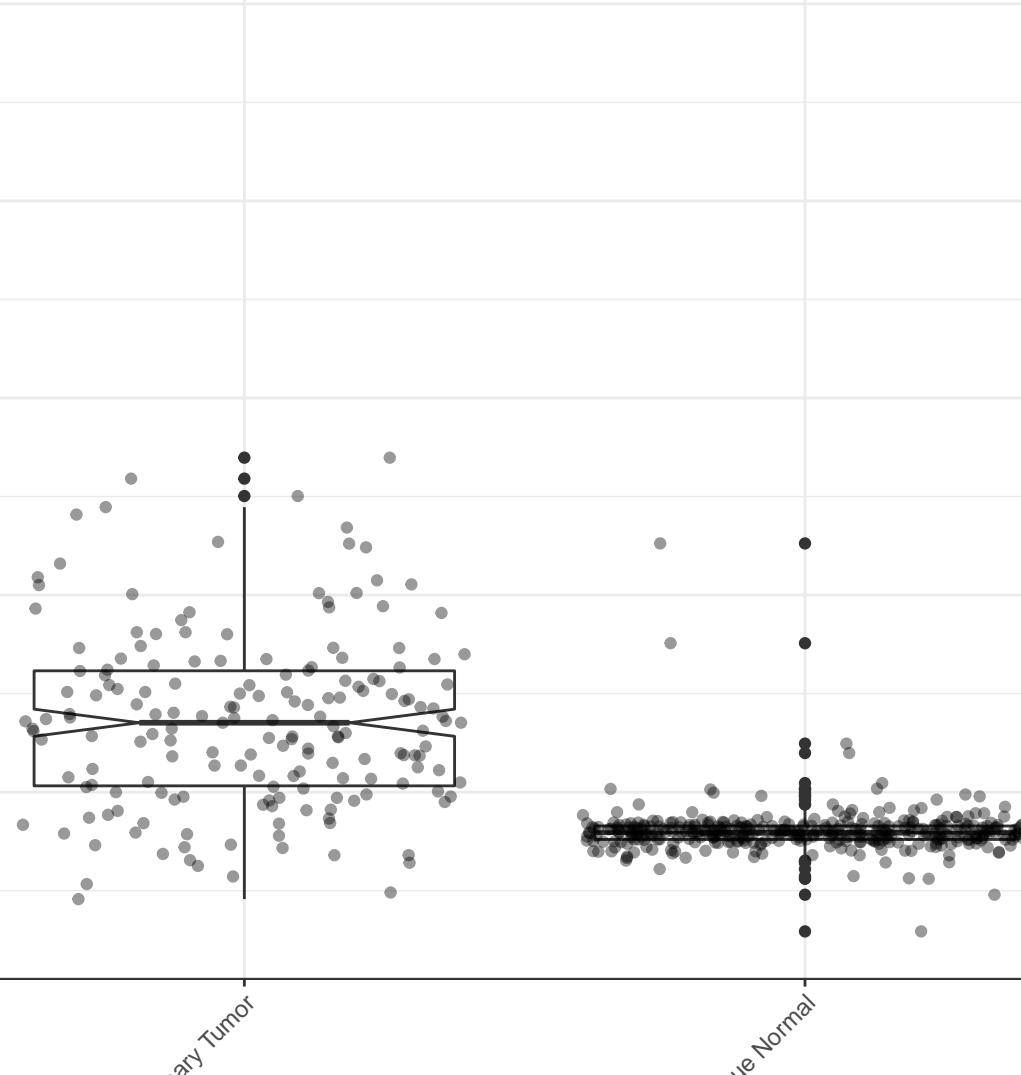
0.1

0.0

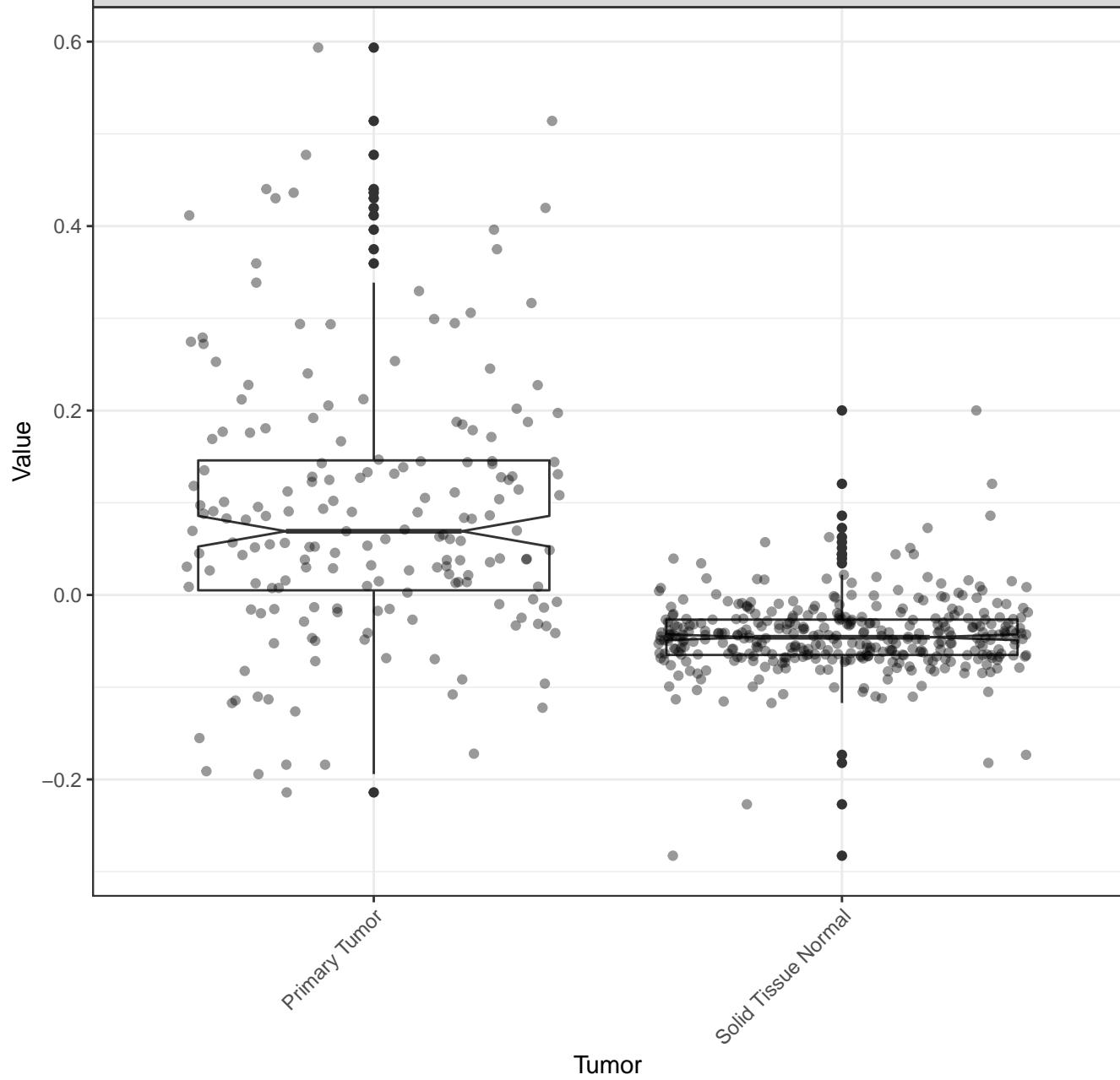
Primary Tumor

Solid Tissue Normal

Tumor



## 238,PID\_FAK\_PATHWAY



Value

0.15

0.10

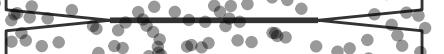
0.05

0.00

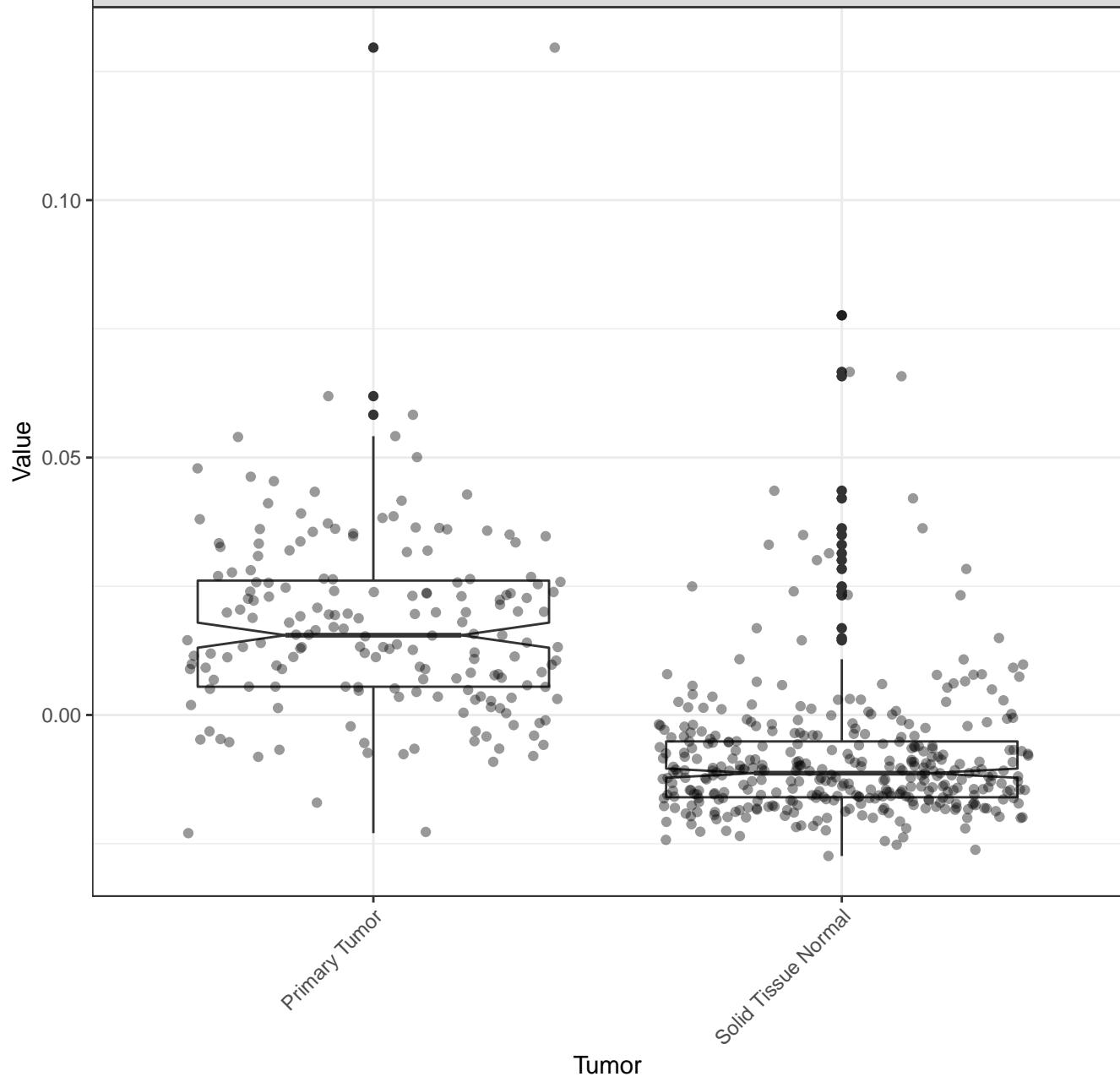
Primary Tumor

Solid Tissue Normal

Tumor



240,SVM Dendritic cells activated



241,KEGG\_CHRONIC\_MYELOID\_LEUKEMIA

Value

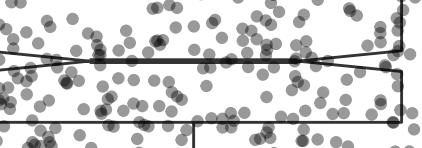
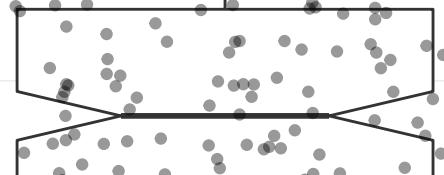
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.05

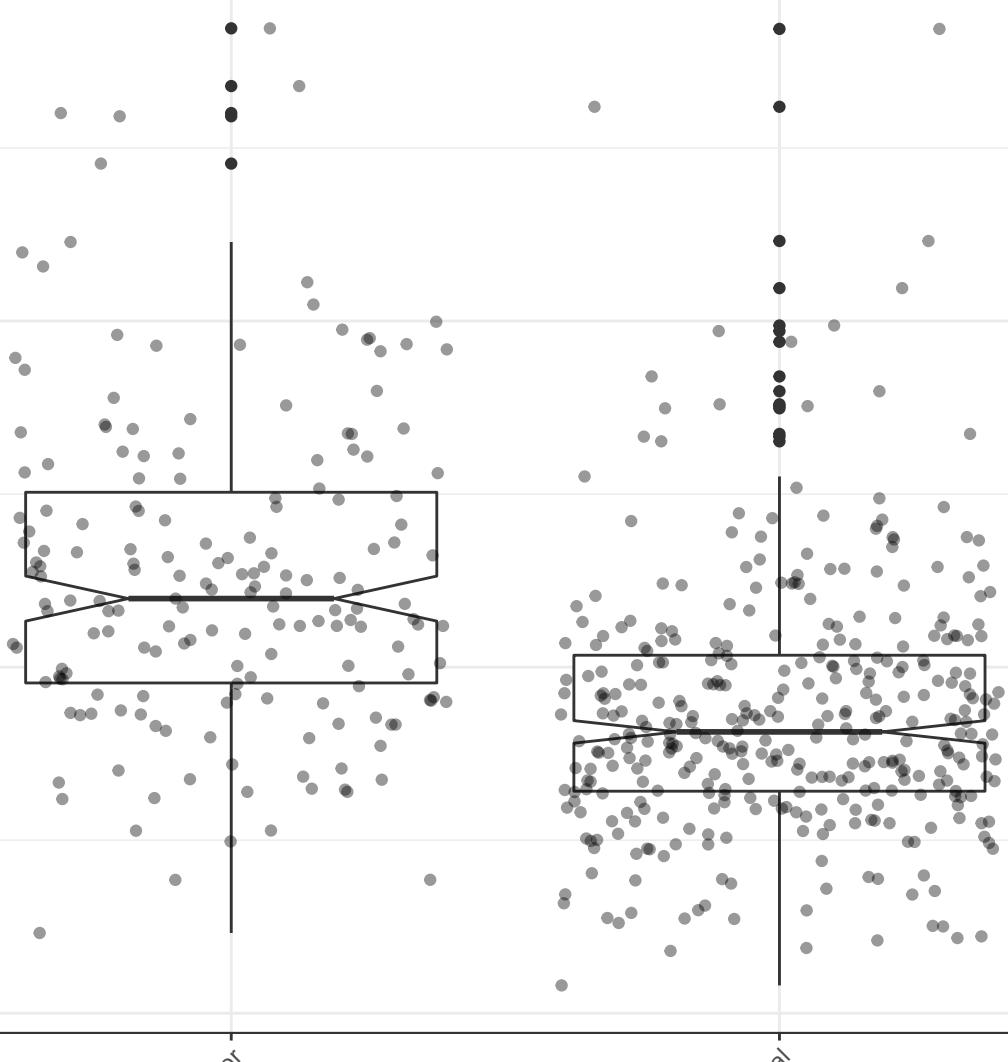
0.00

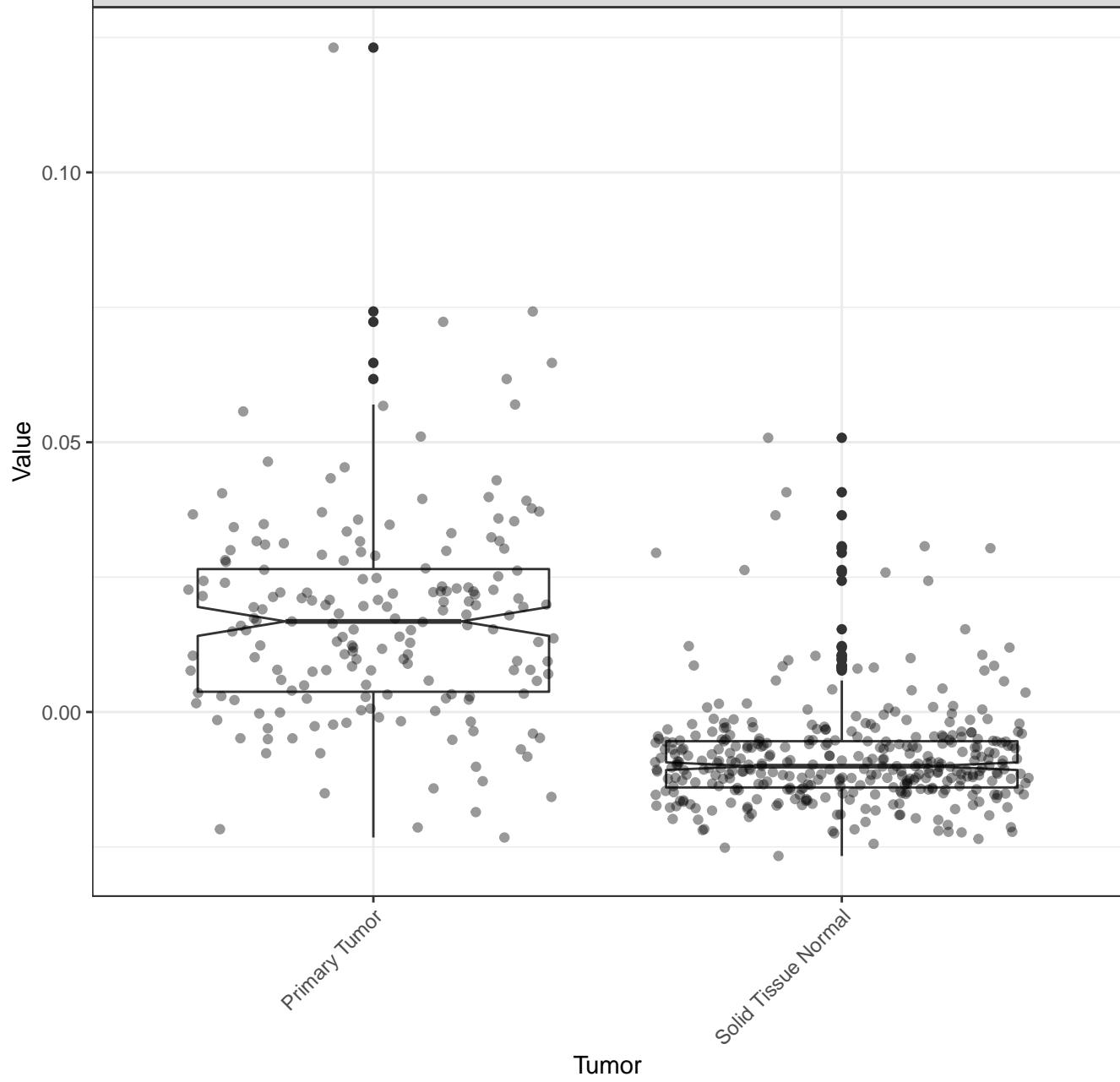
-0.05

Primary Tumor

Solid Tissue Normal

Tumor





## 244,IRIS\_Monocyte–Day7

Value

0.06

0.03

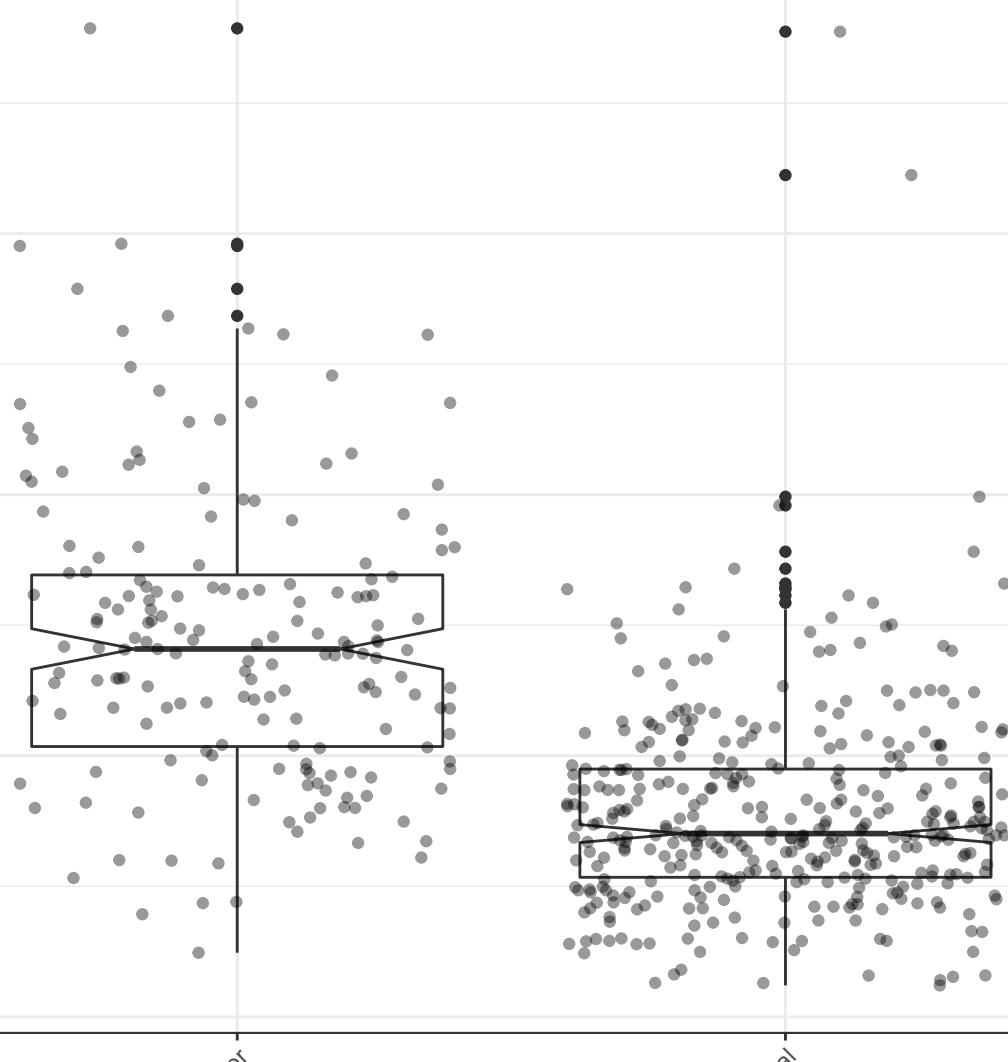
0.00

-0.03

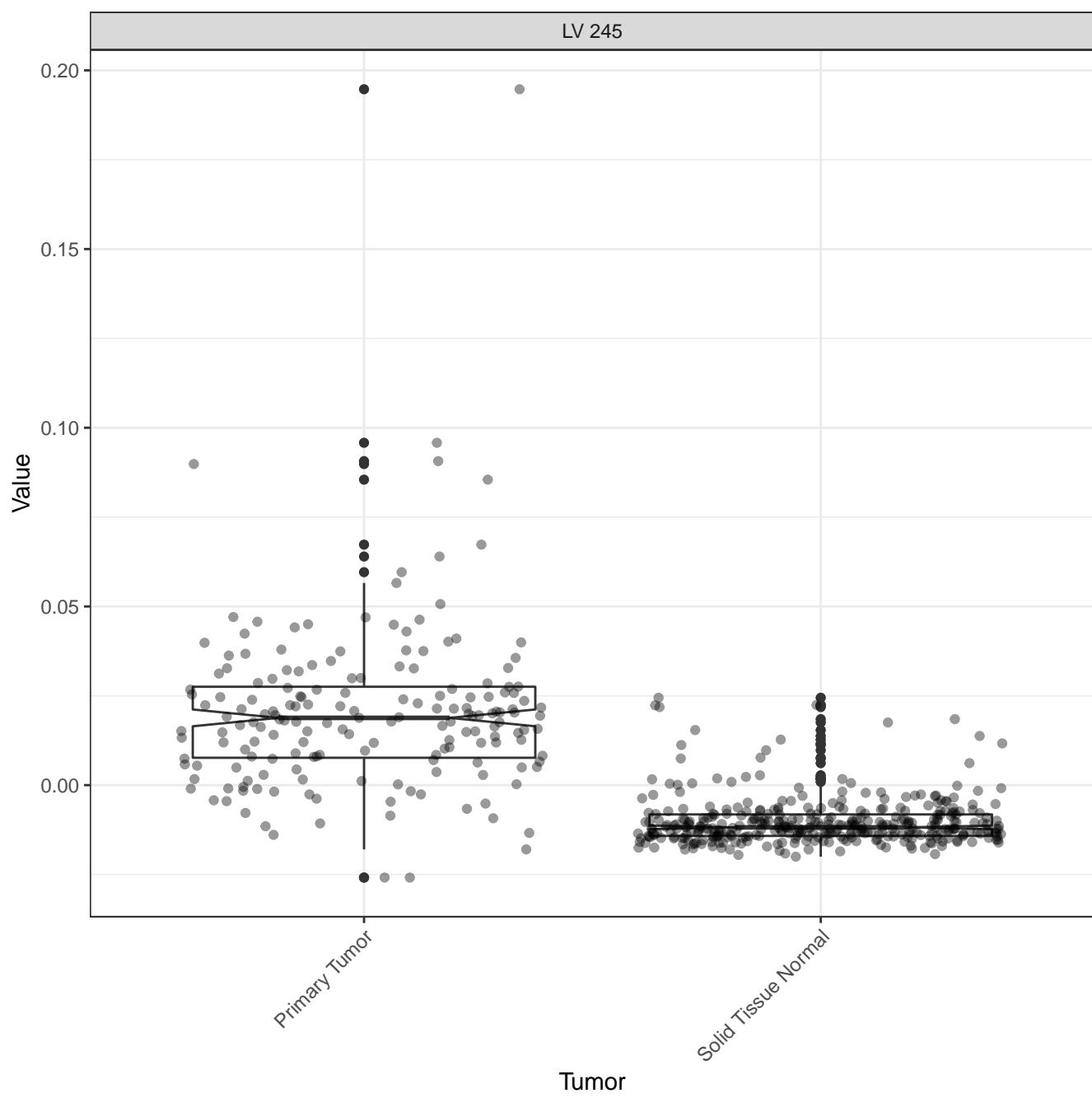
Primary Tumor

Solid Tissue Normal

Tumor

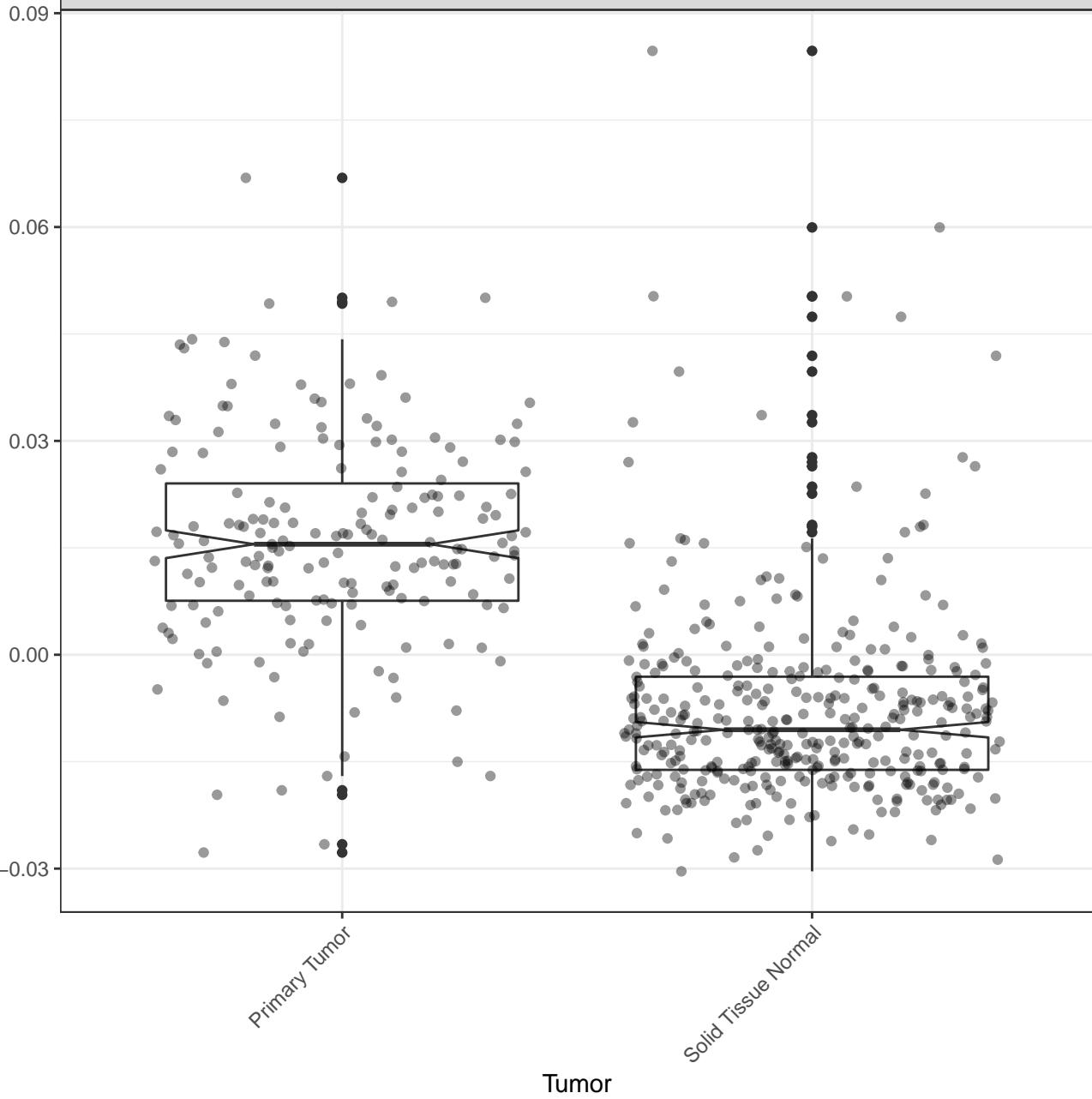


LV 245

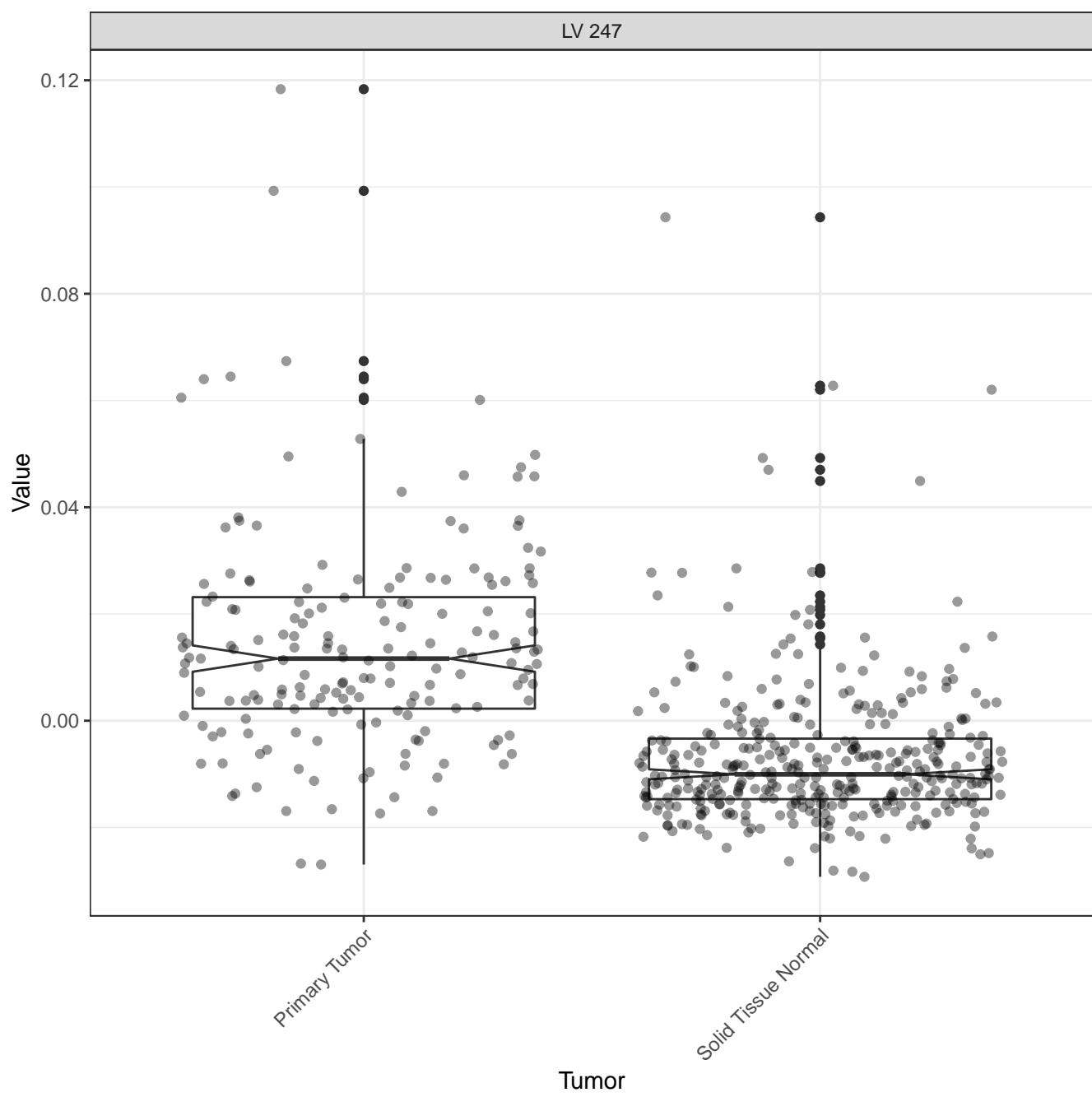


LV 246

Value



LV 247



## 248,REACTOME\_EXTRACELLULAR\_MATRIX\_ORGANIZATION

Value

0.10

0.05

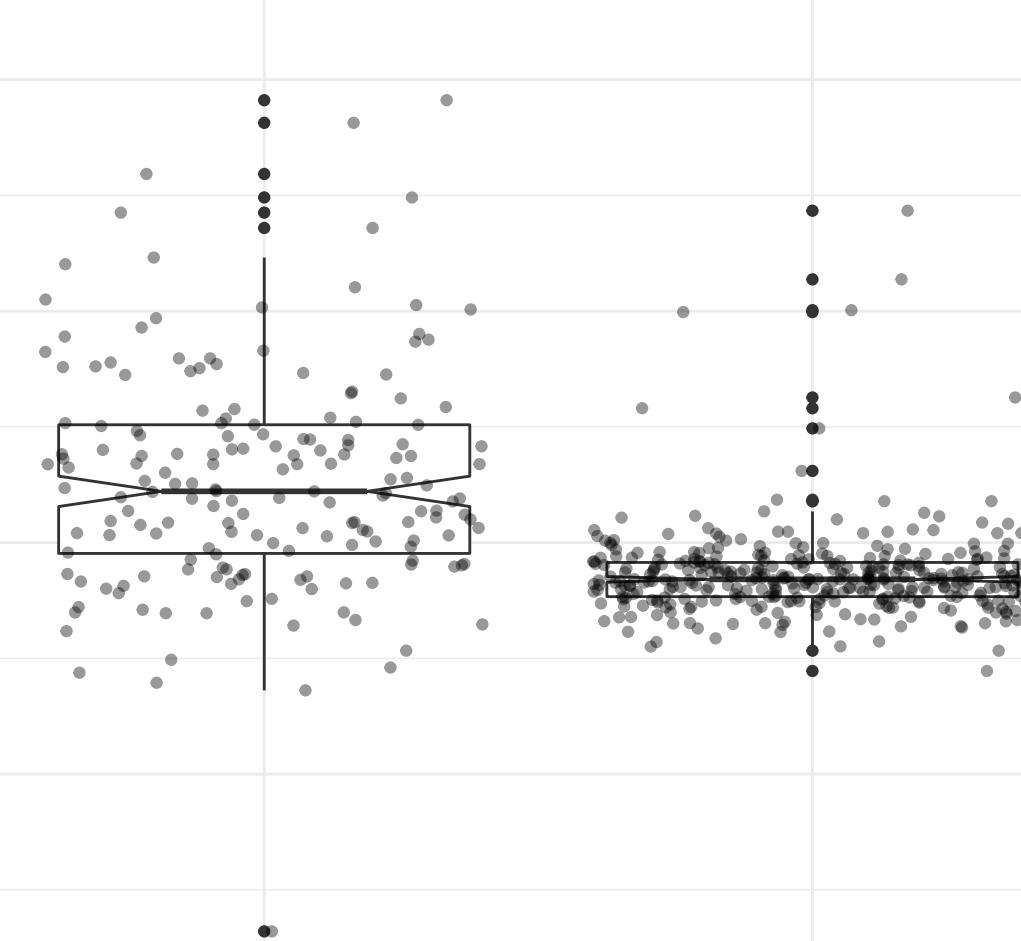
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

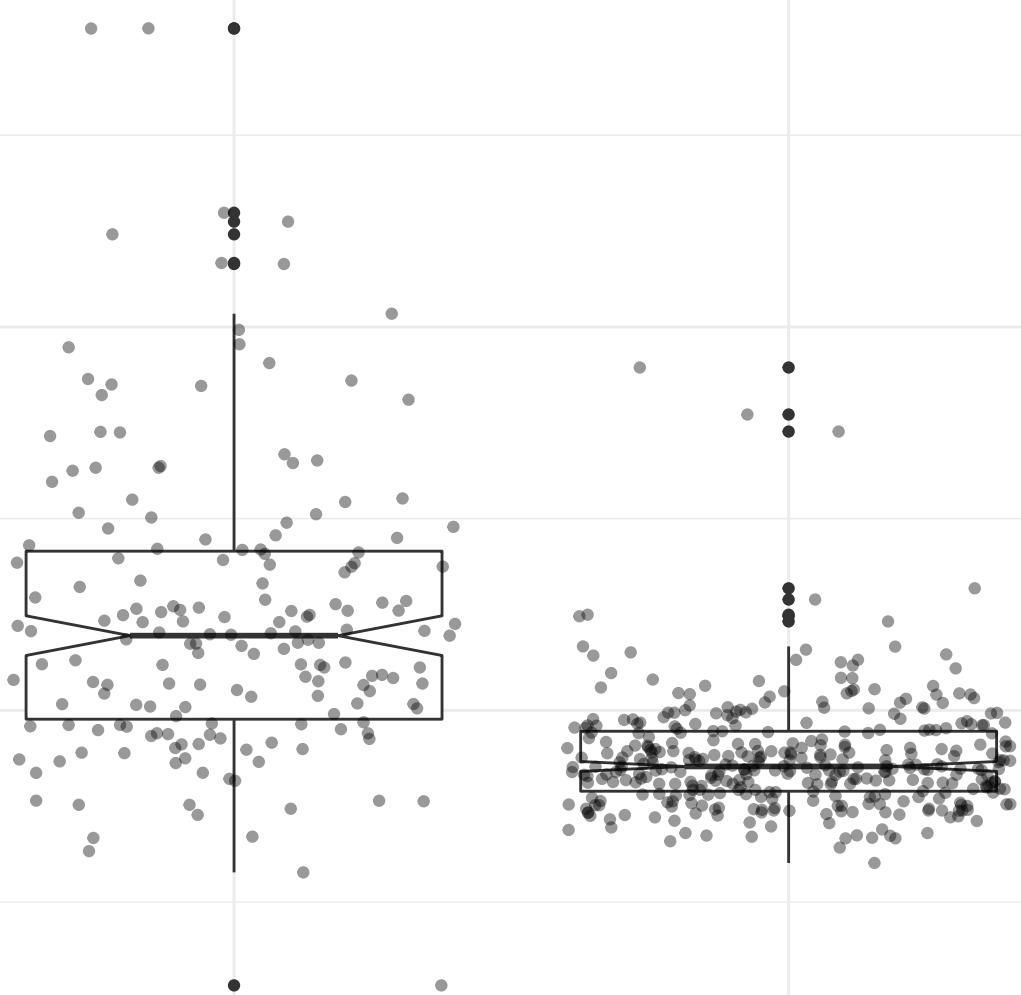
0.05

0.00

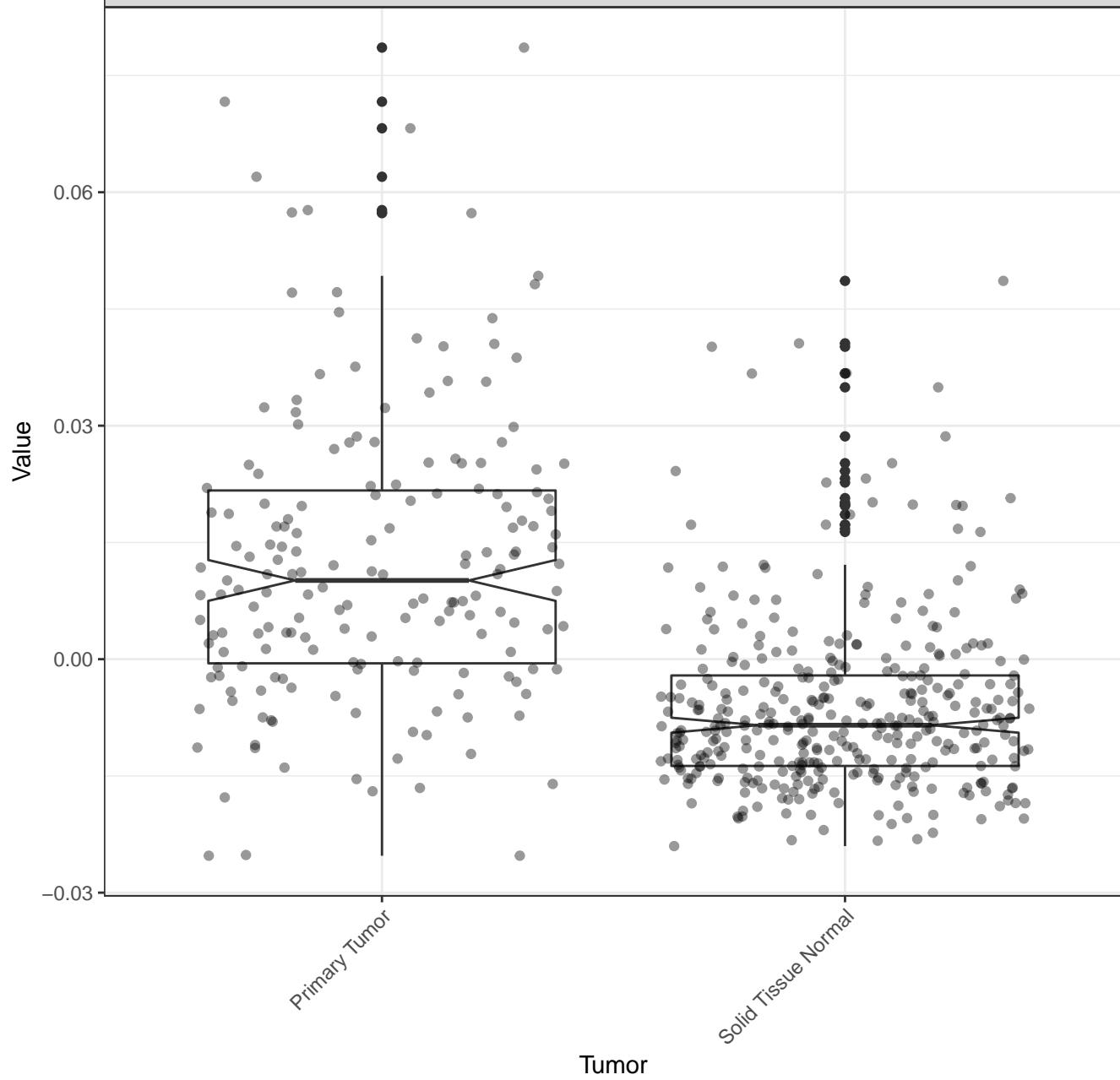
Primary Tumor

Solid Tissue Normal

Tumor



## 250,DMAP\_HSC1



Value

0.08

0.04

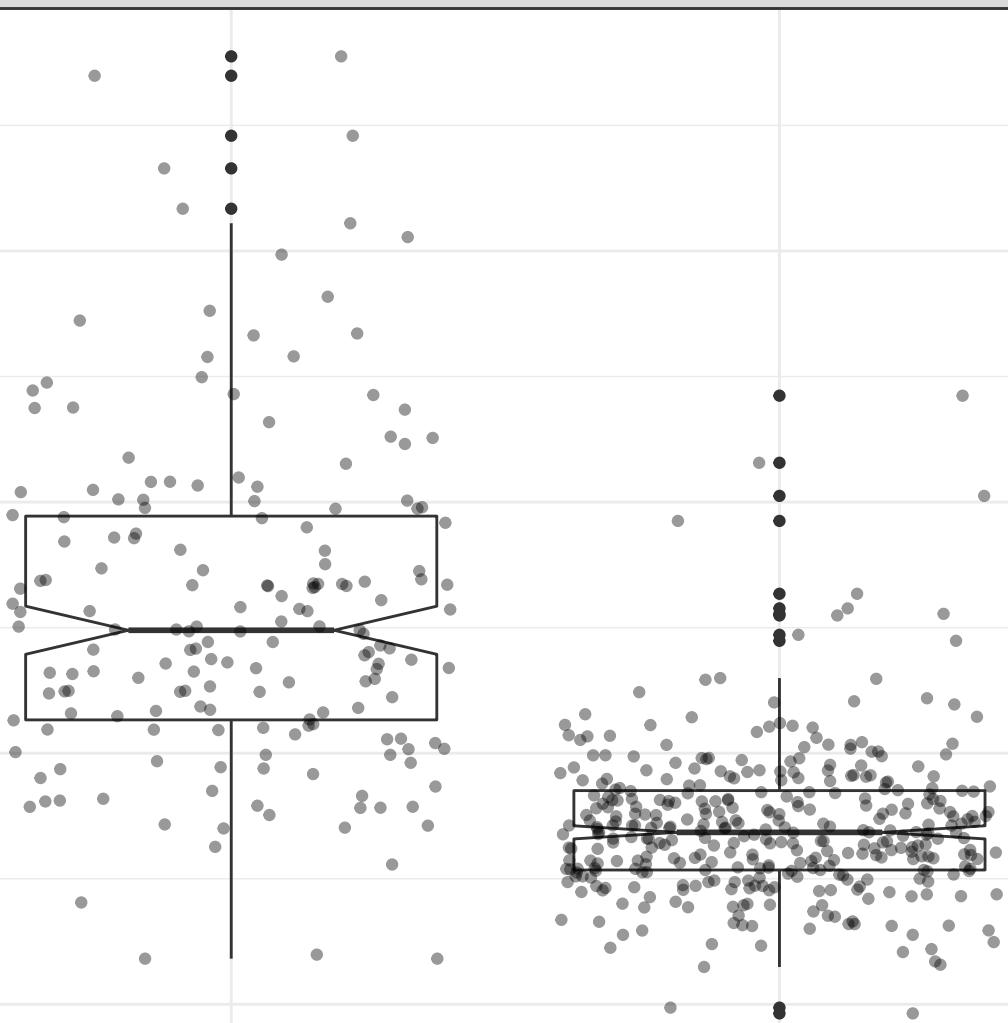
0.00

-0.04

Primary Tumor

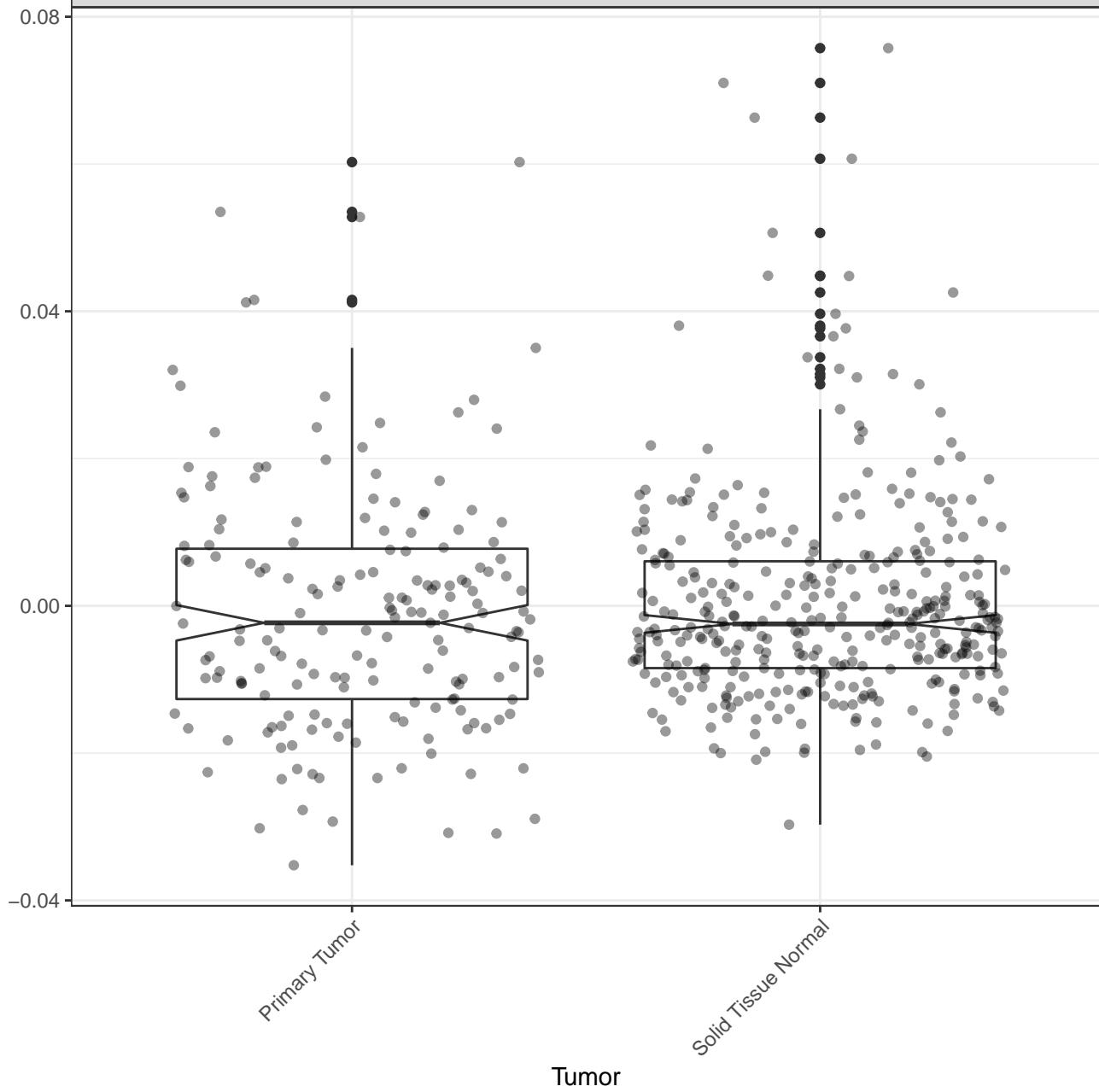
Solid Tissue Normal

Tumor

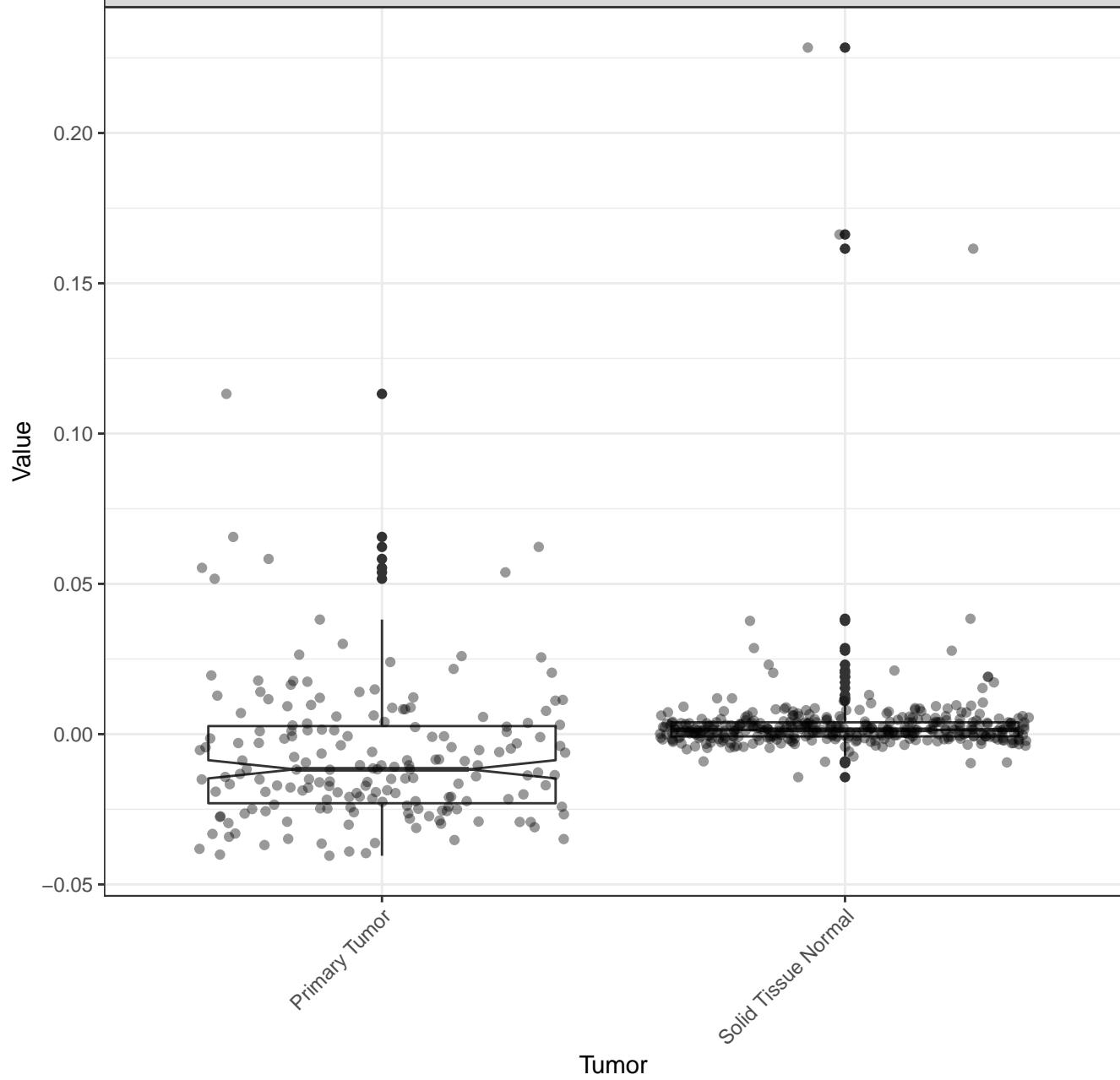


LV 252

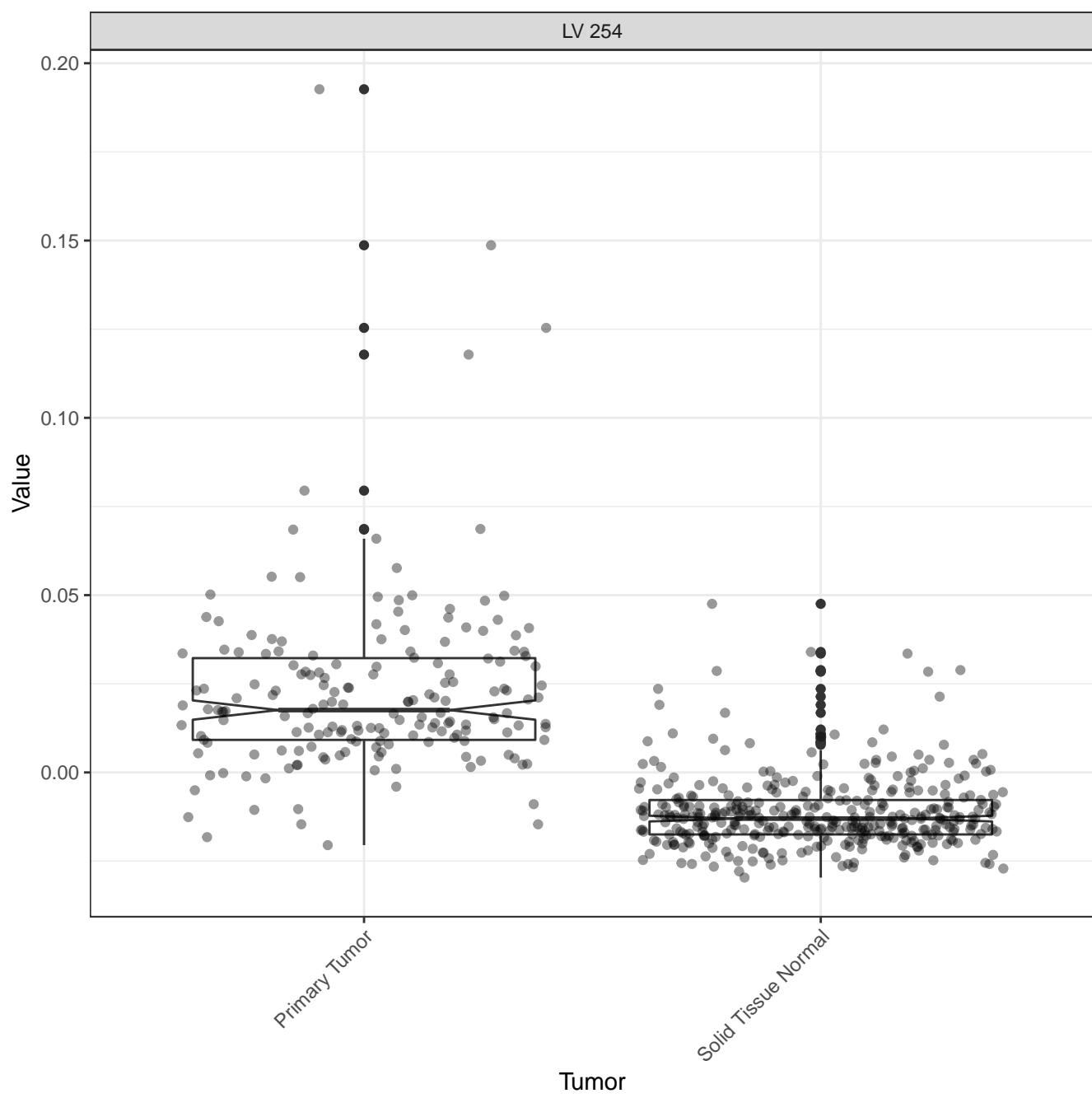
Value



253,KEGG\_HEMATOPOIETIC\_CELL\_LINEAGE



LV 254



255,KEGG\_BASAL\_CELL\_CARCINOMA

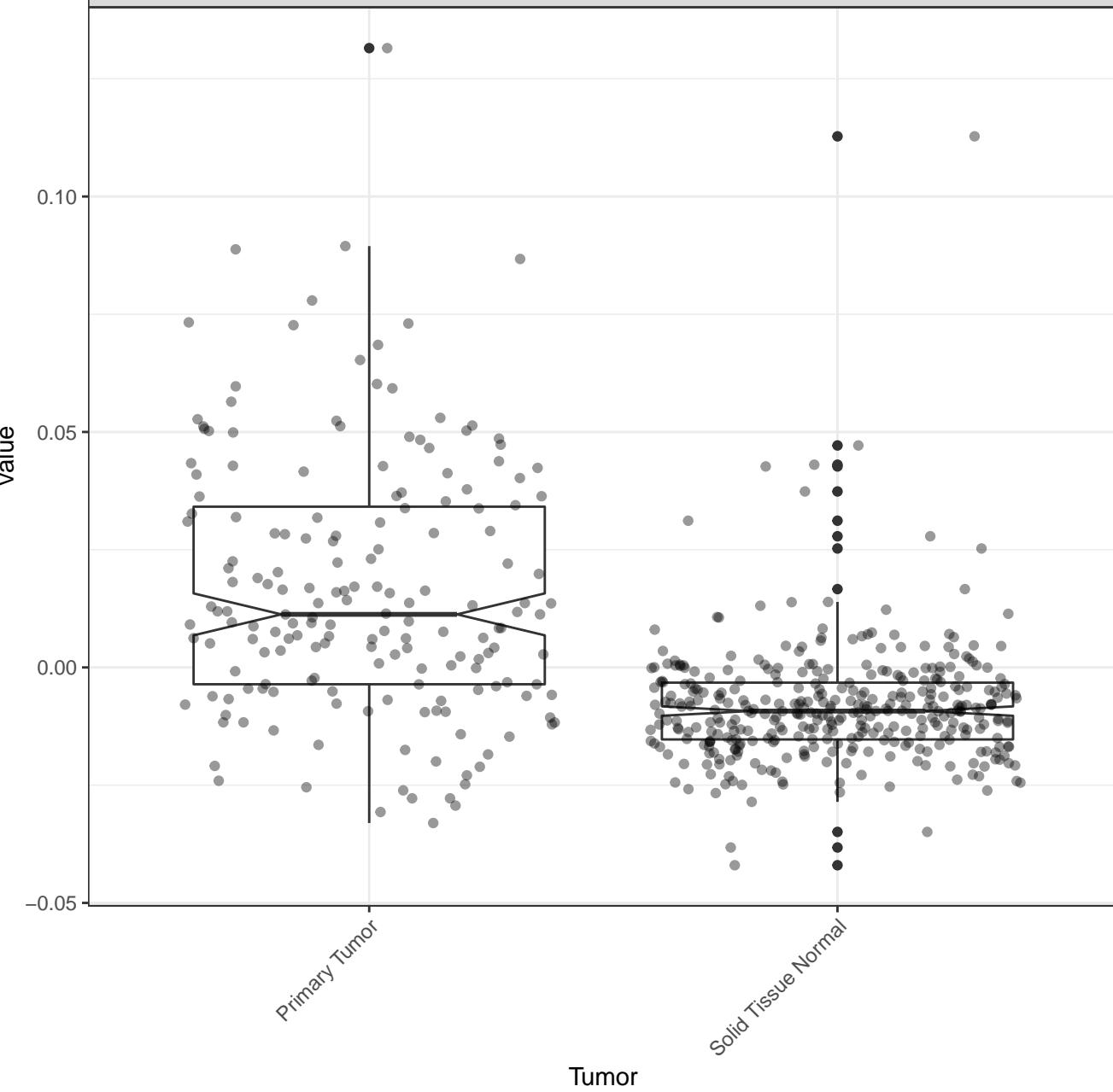
Value

0.10  
0.05  
0.00  
-0.05

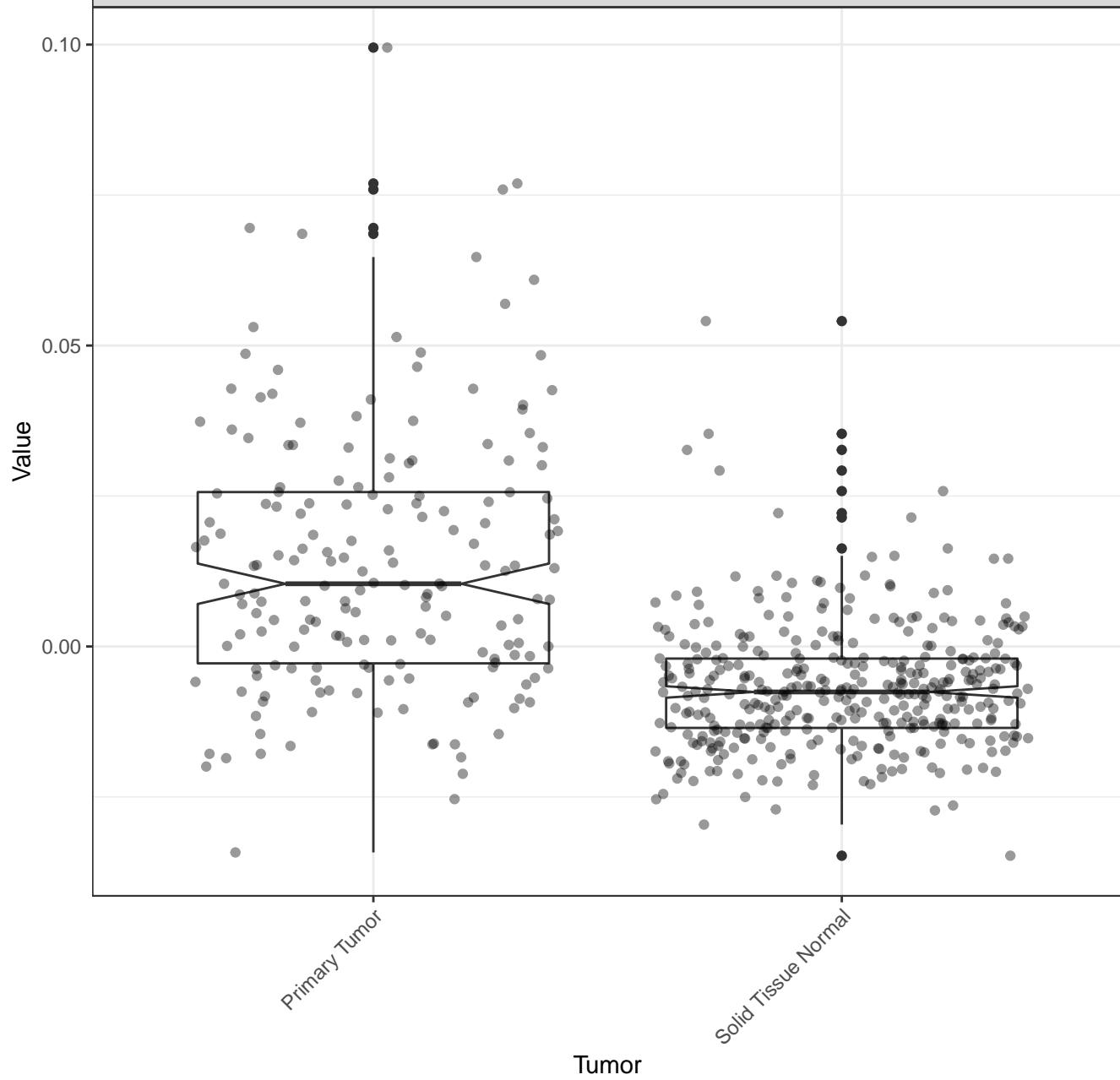
Primary Tumor

Tumor

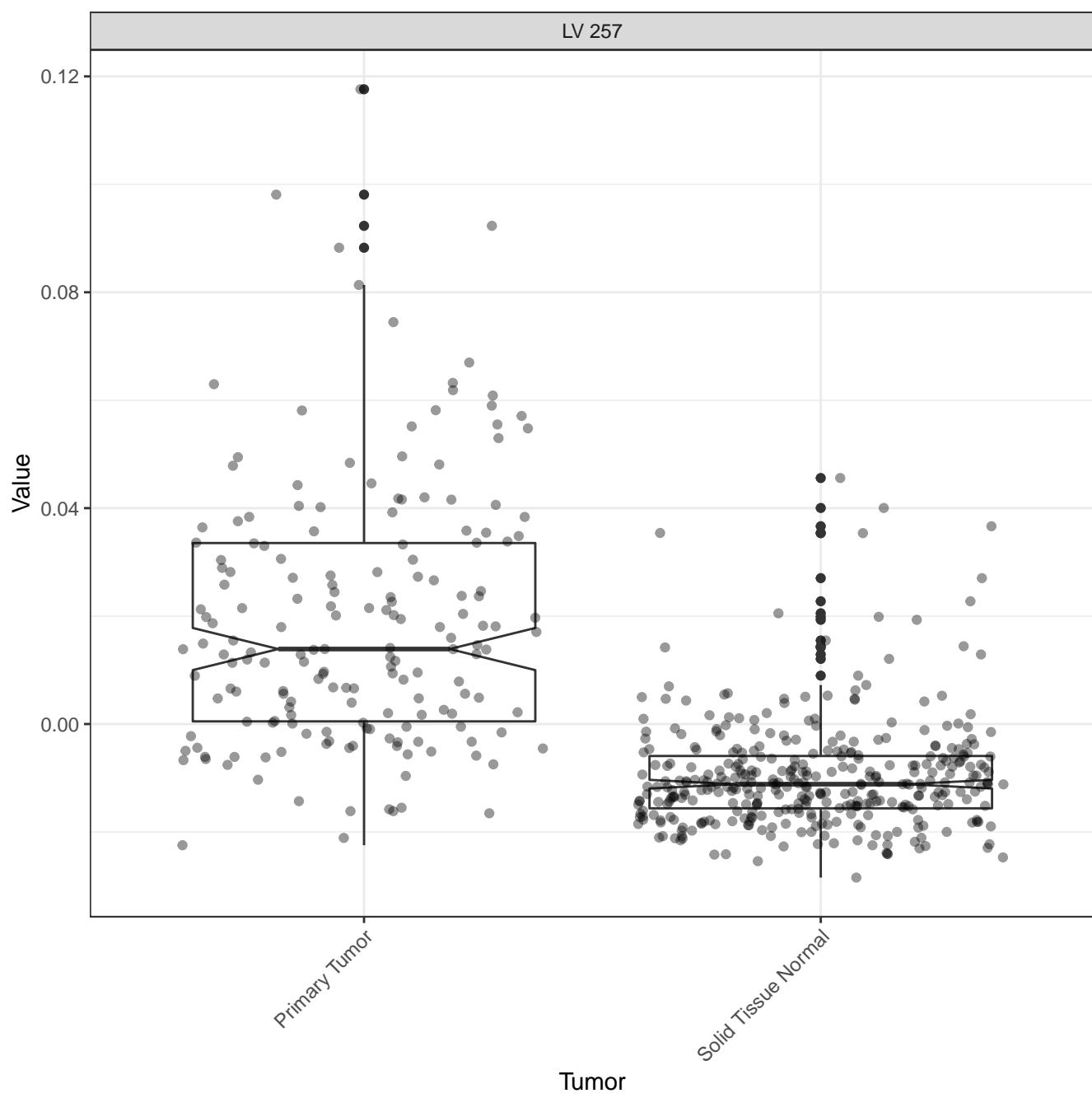
Solid Tissue Normal



### 256,KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM



LV 257



LV 258

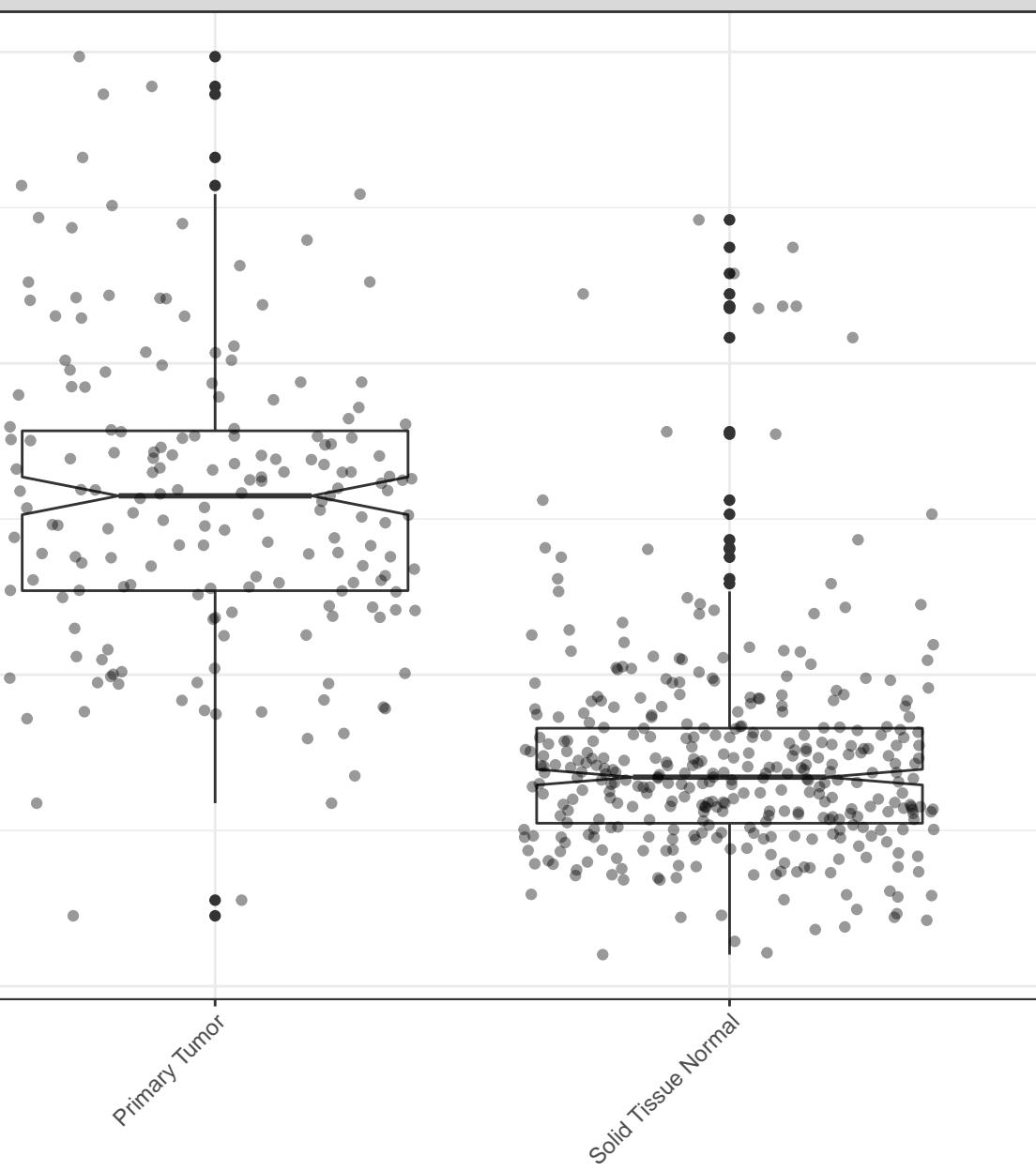
Value

0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 259

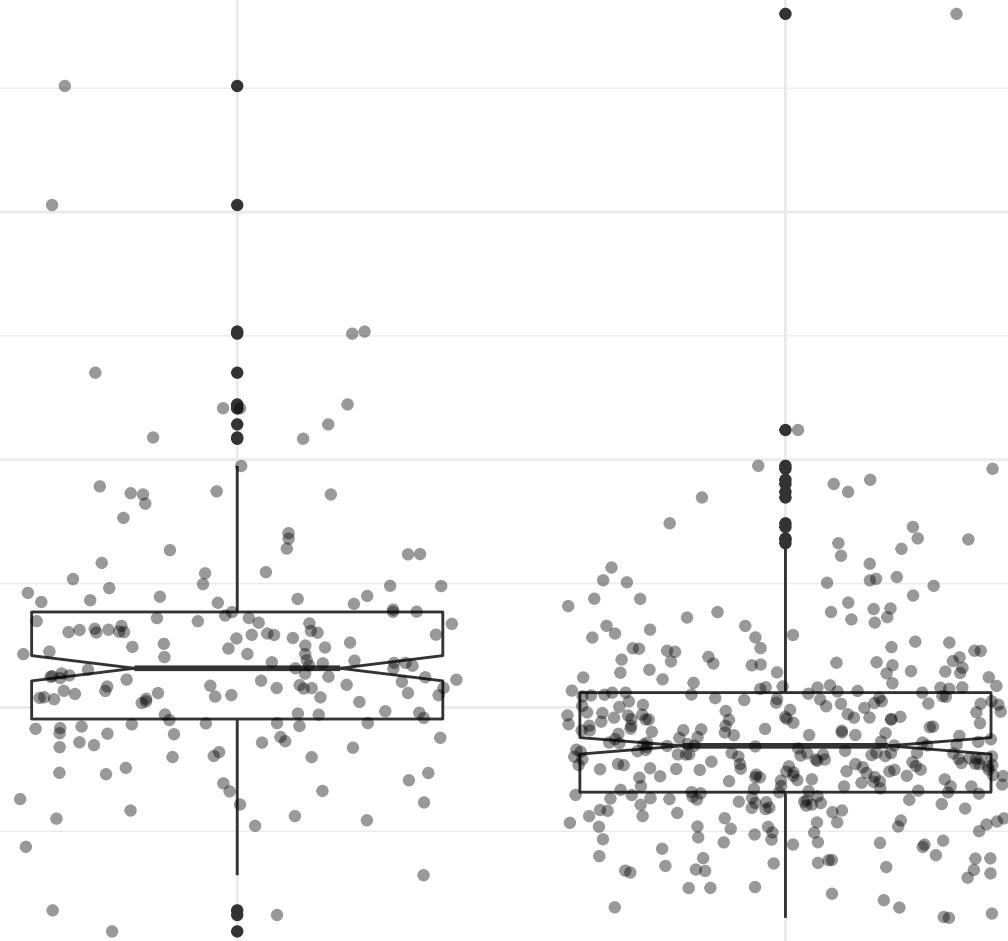
Value

0.12  
0.08  
0.04  
0.00  
-0.04

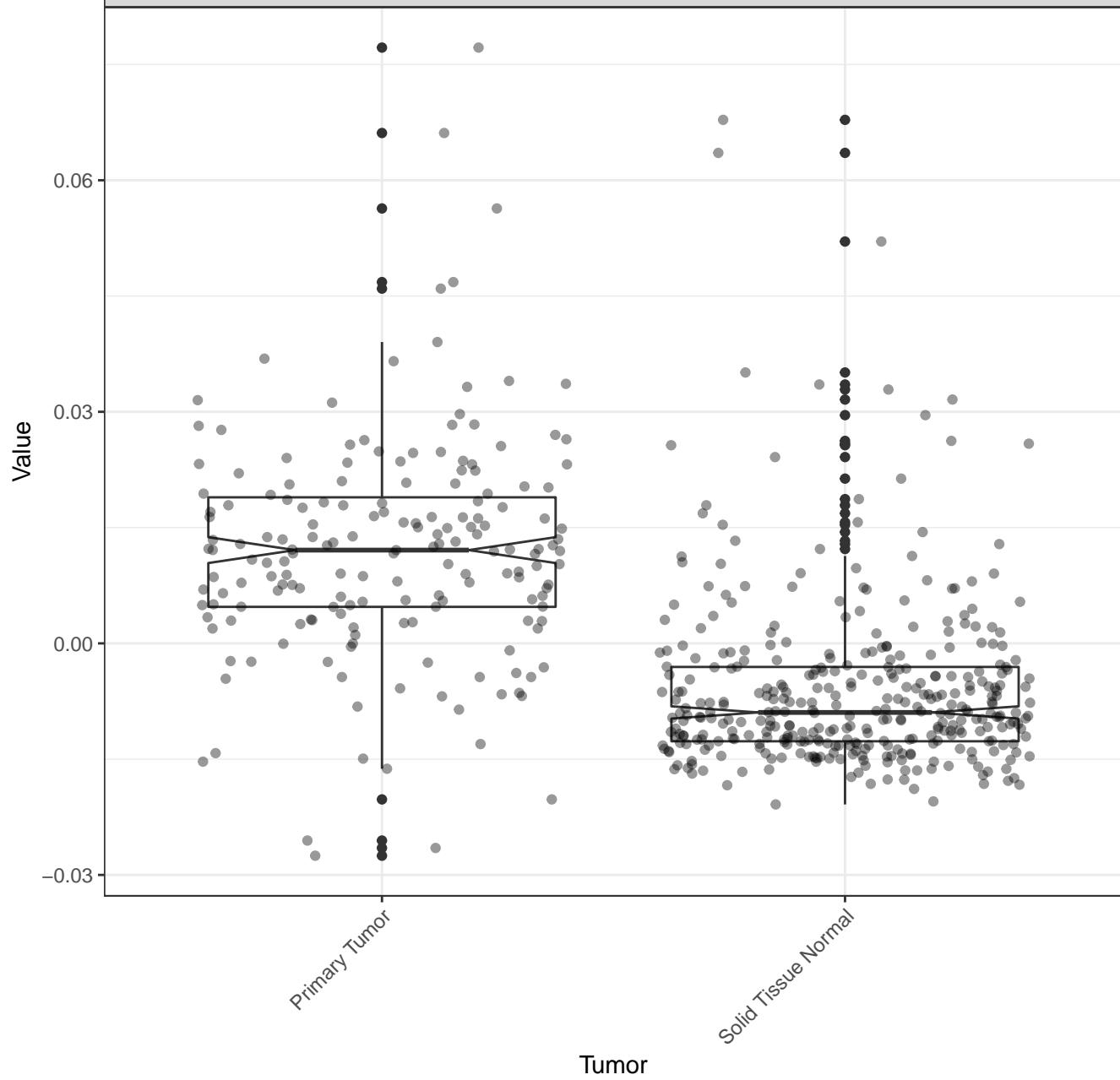
Primary Tumor

Solid Tissue Normal

Tumor



## 260,BIOCARTA\_CHREBP2\_PATHWAY



Value

0.10

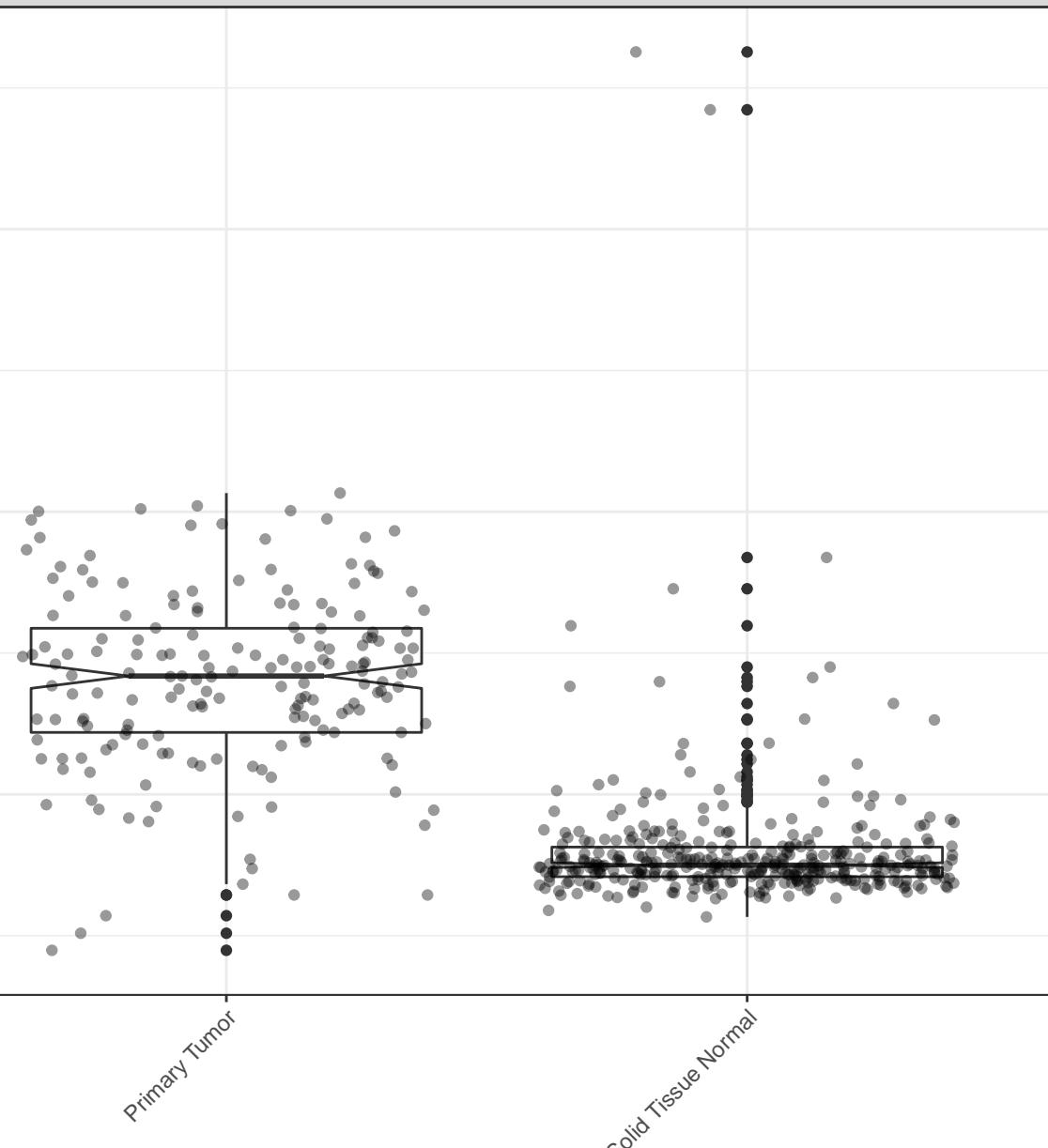
0.05

0.00

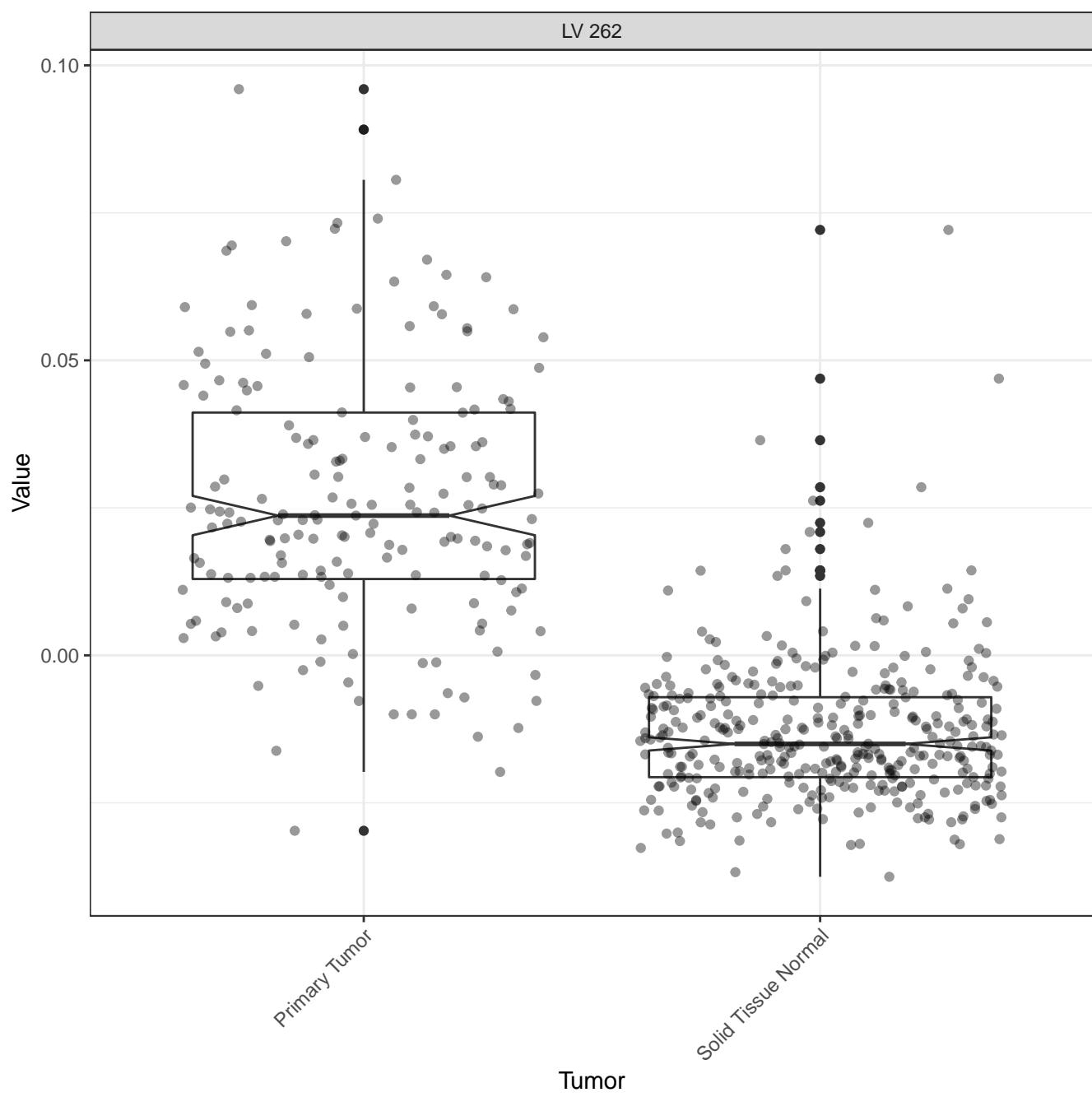
Primary Tumor

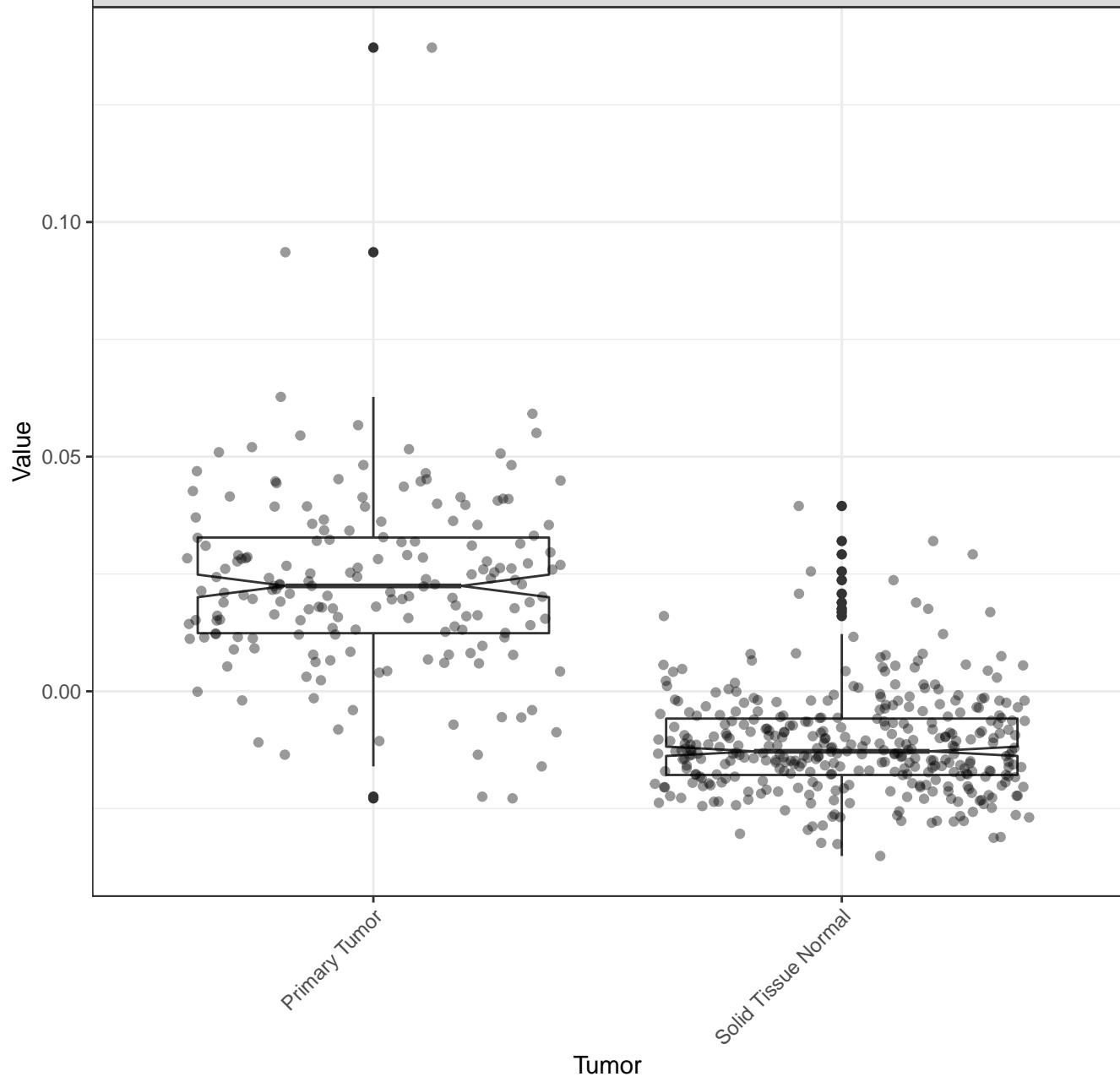
Solid Tissue Normal

Tumor



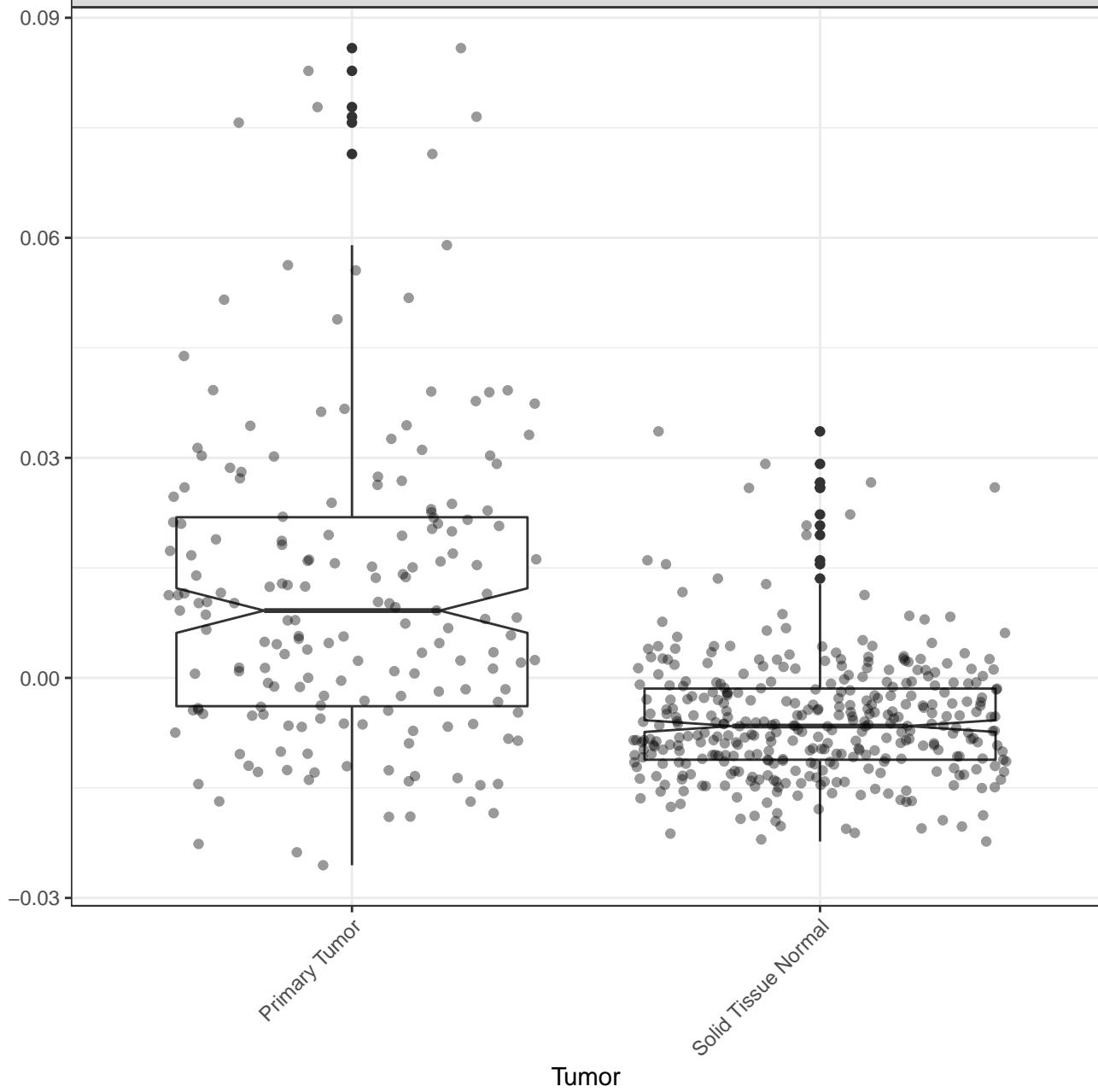
LV 262



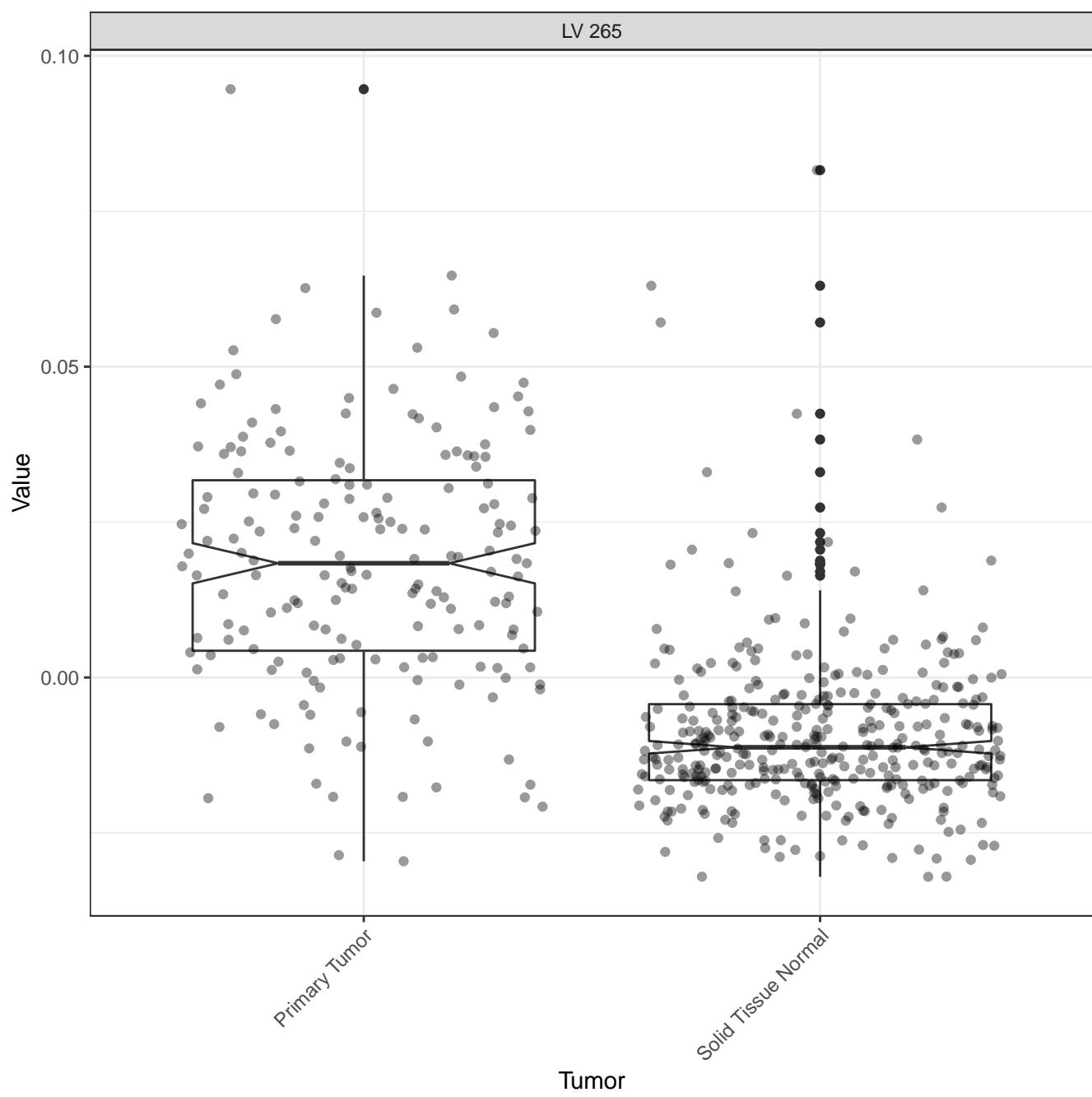


## 264,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

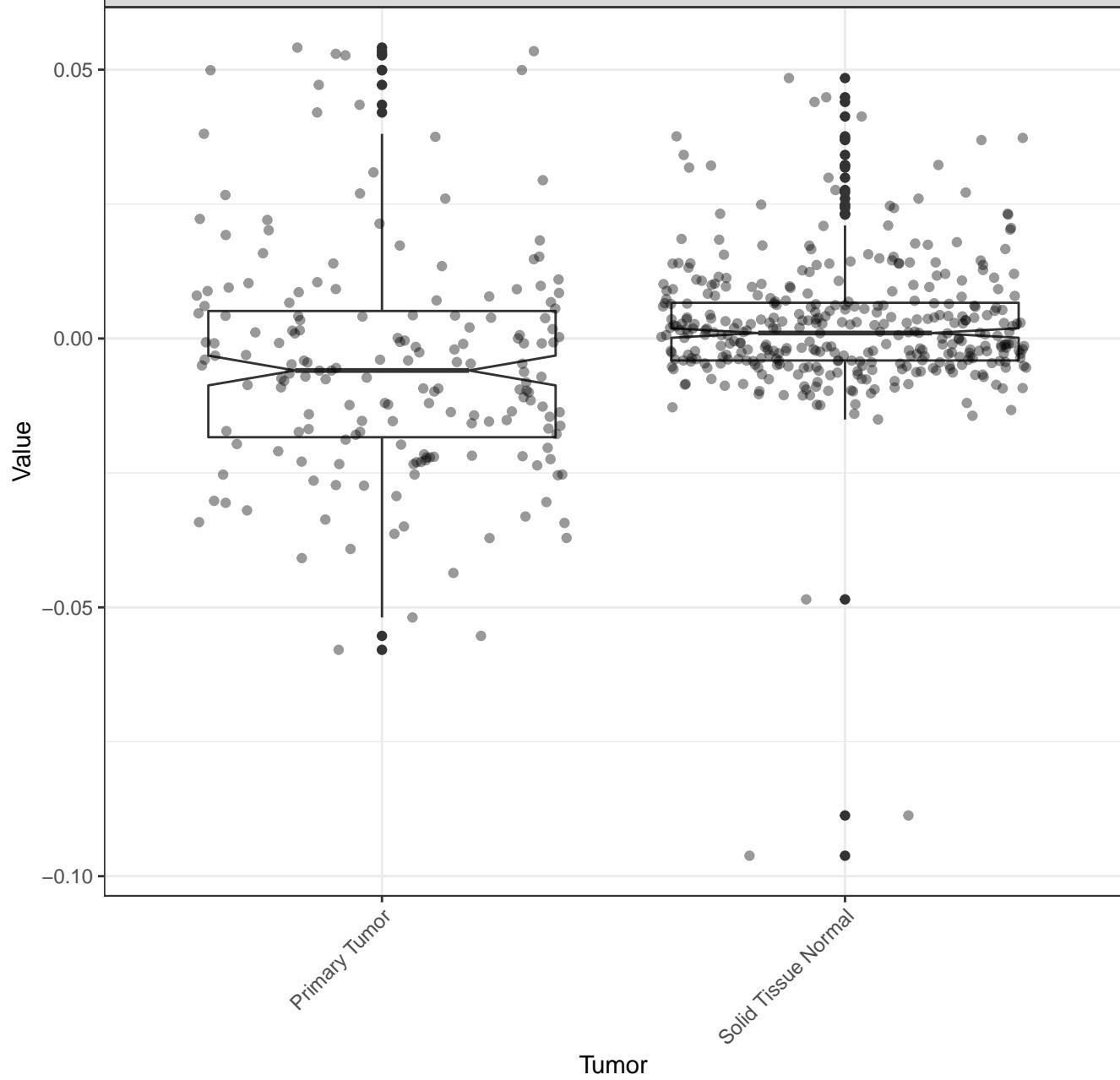
Value



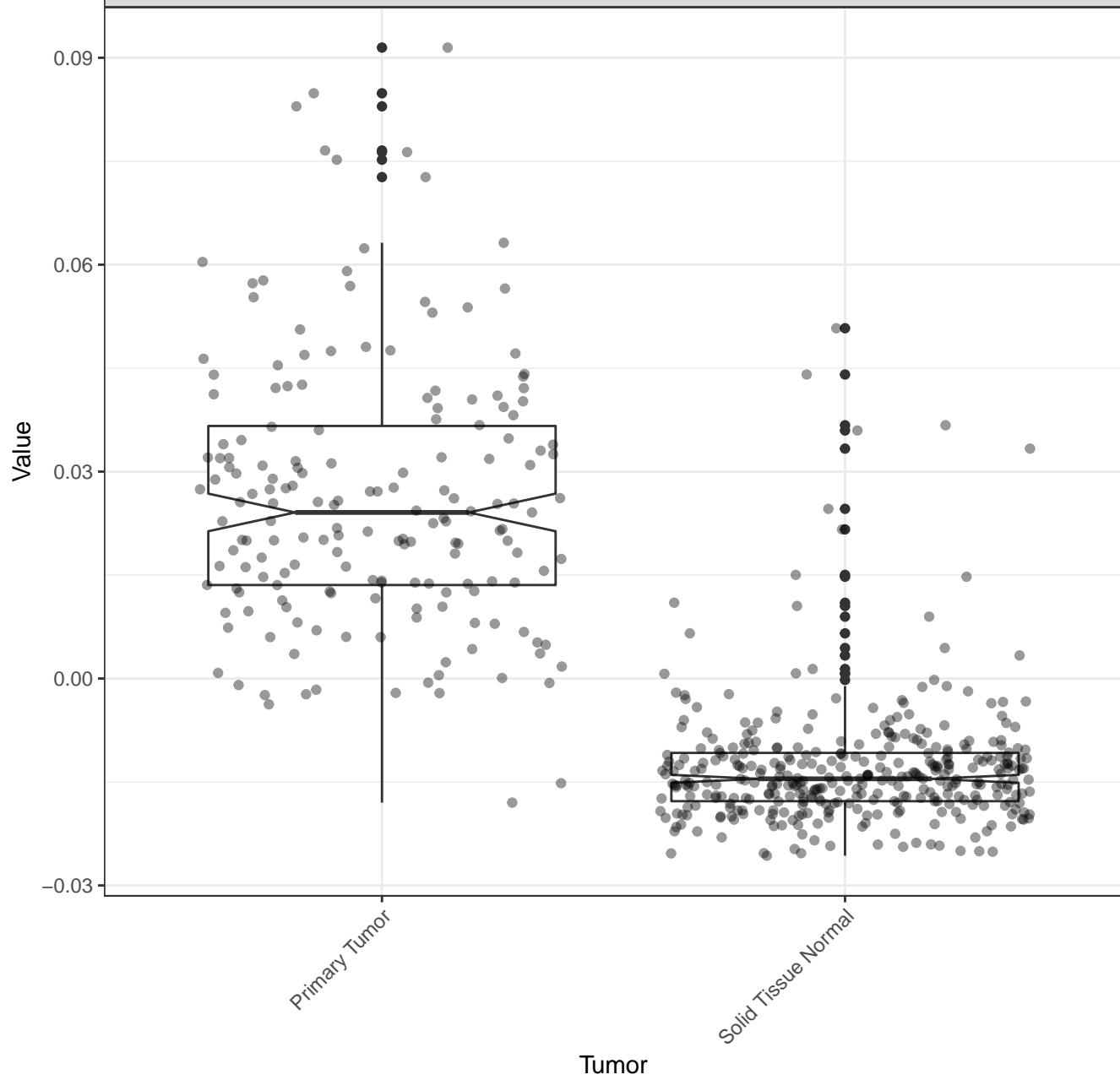
LV 265



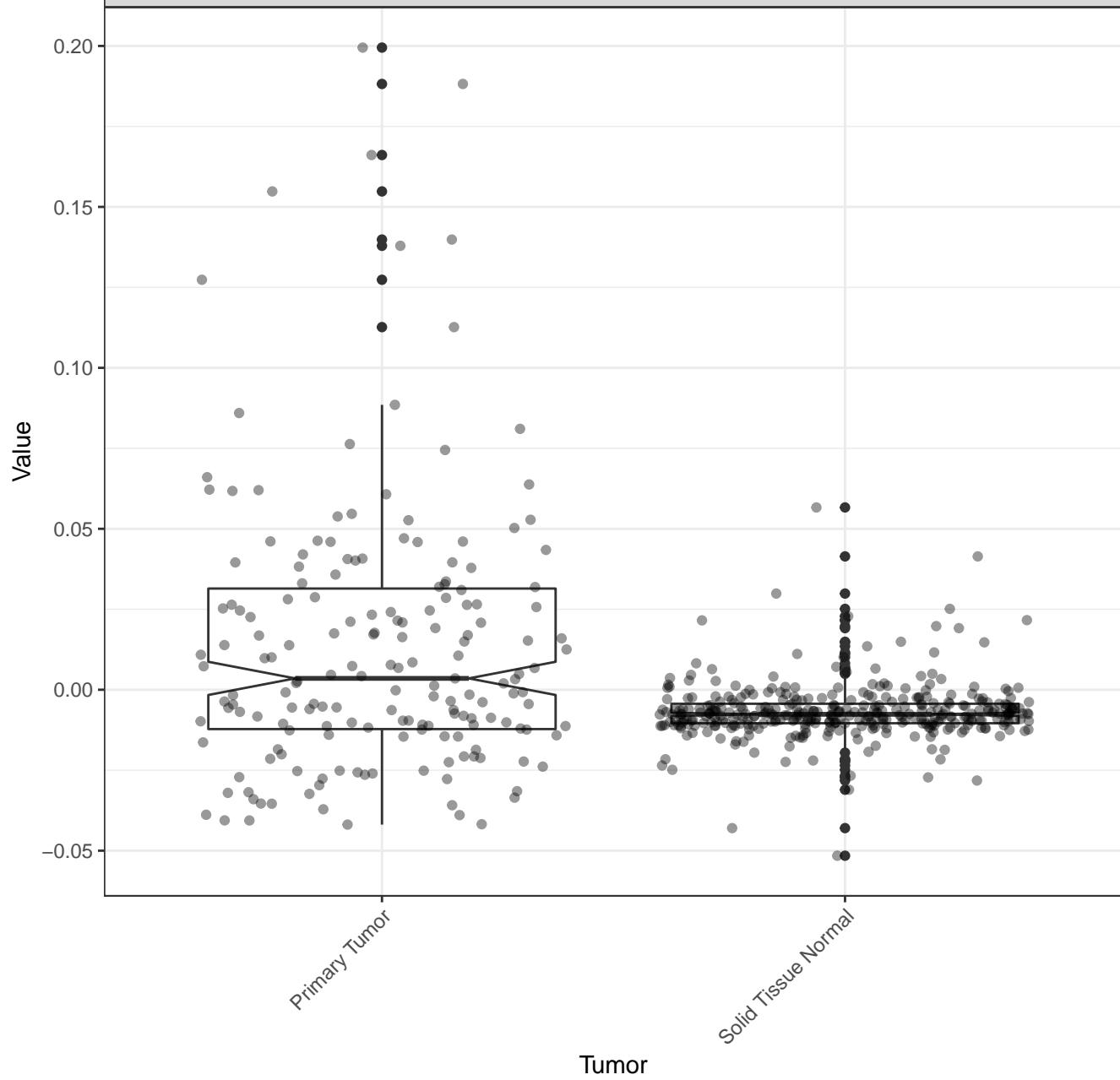
## 266,IRIS\_Monocyte–Day1



## 267,KEGG\_VASOPRESSIN\_REGULATED\_WATER\_REABSORPTION

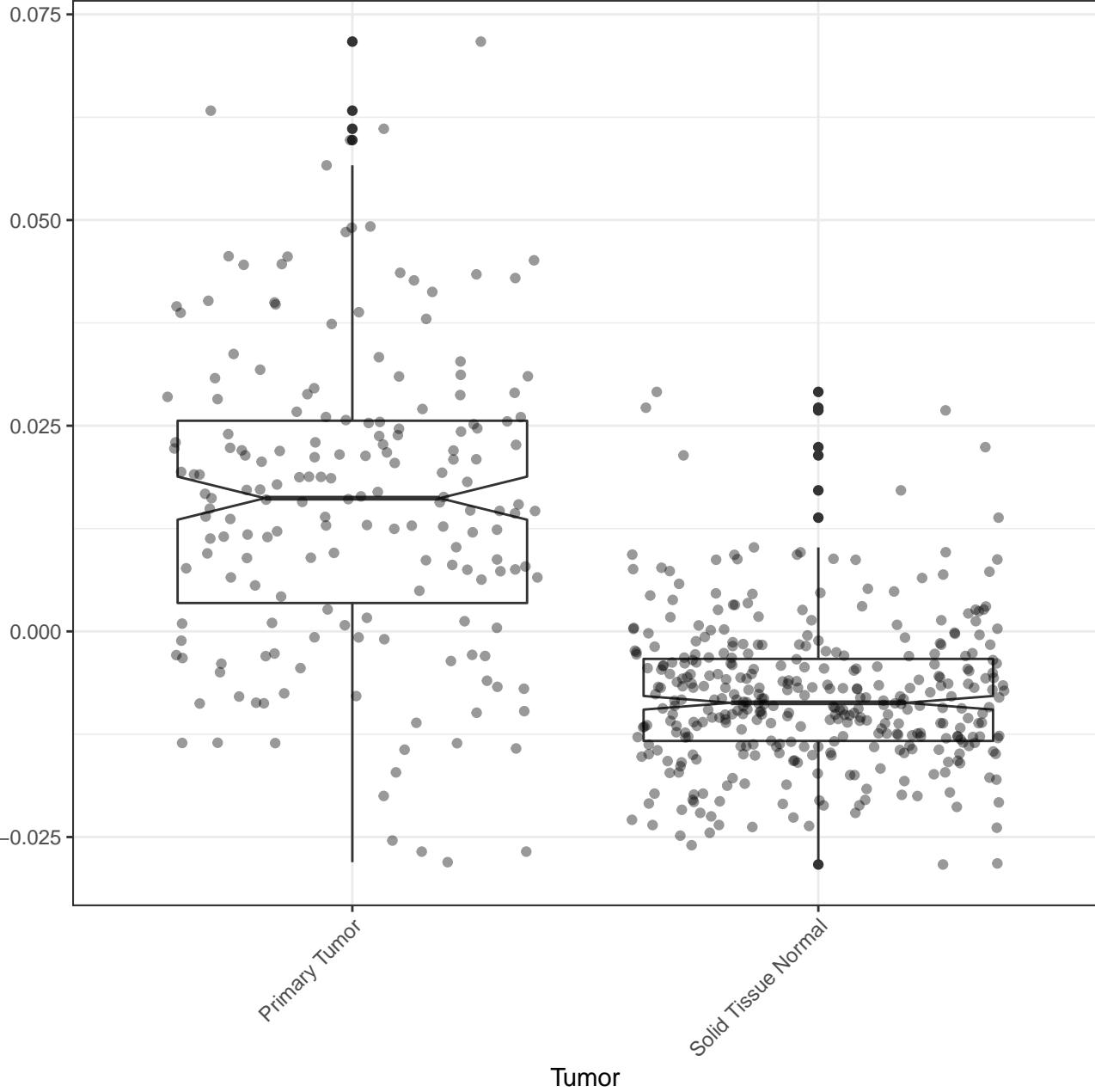


268,SVM Mast cells activated

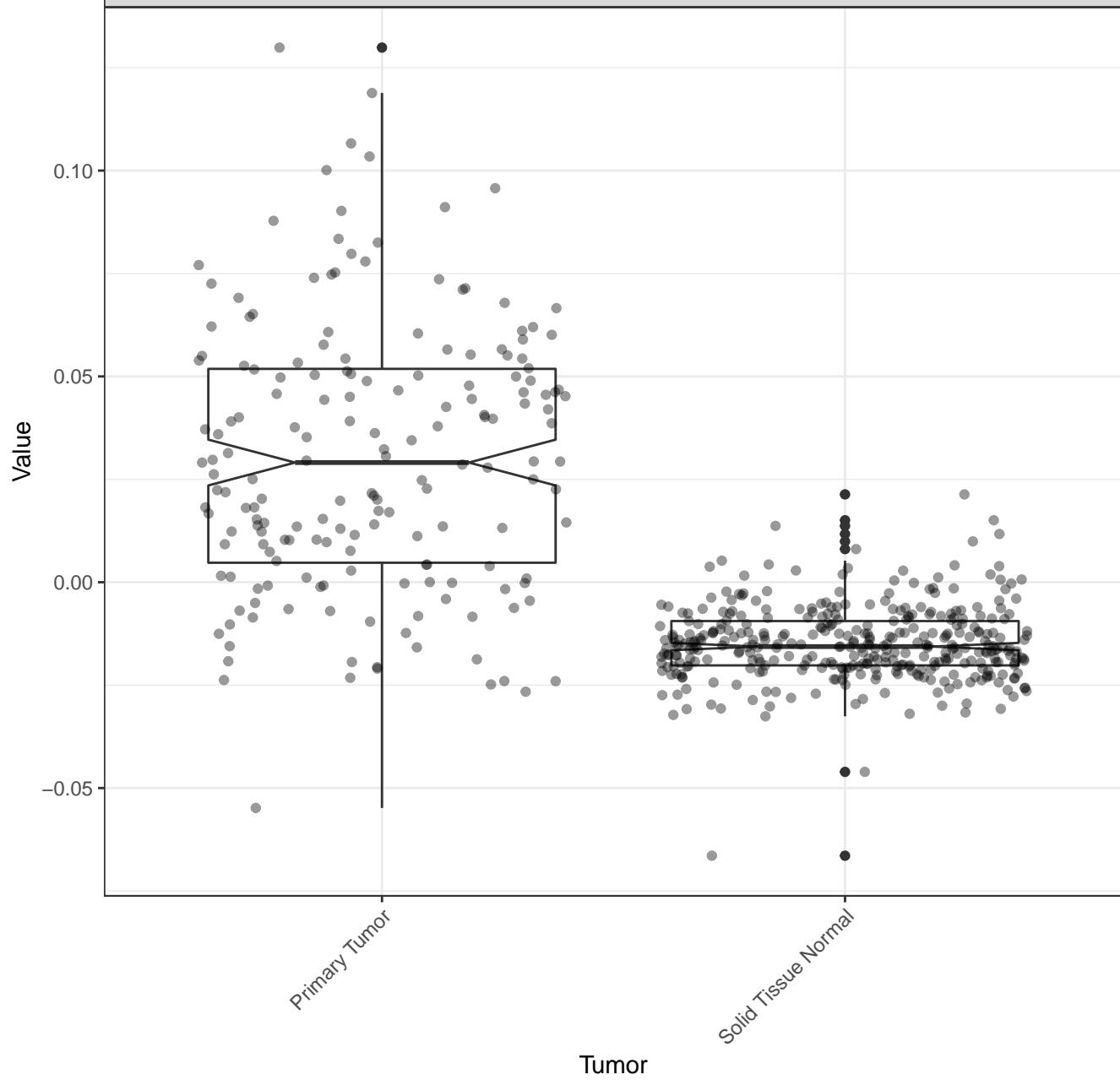


269,REACTOME\_ANTIVIRAL\_MECHANISM\_BY\_IFN\_STIMULATED\_GENES

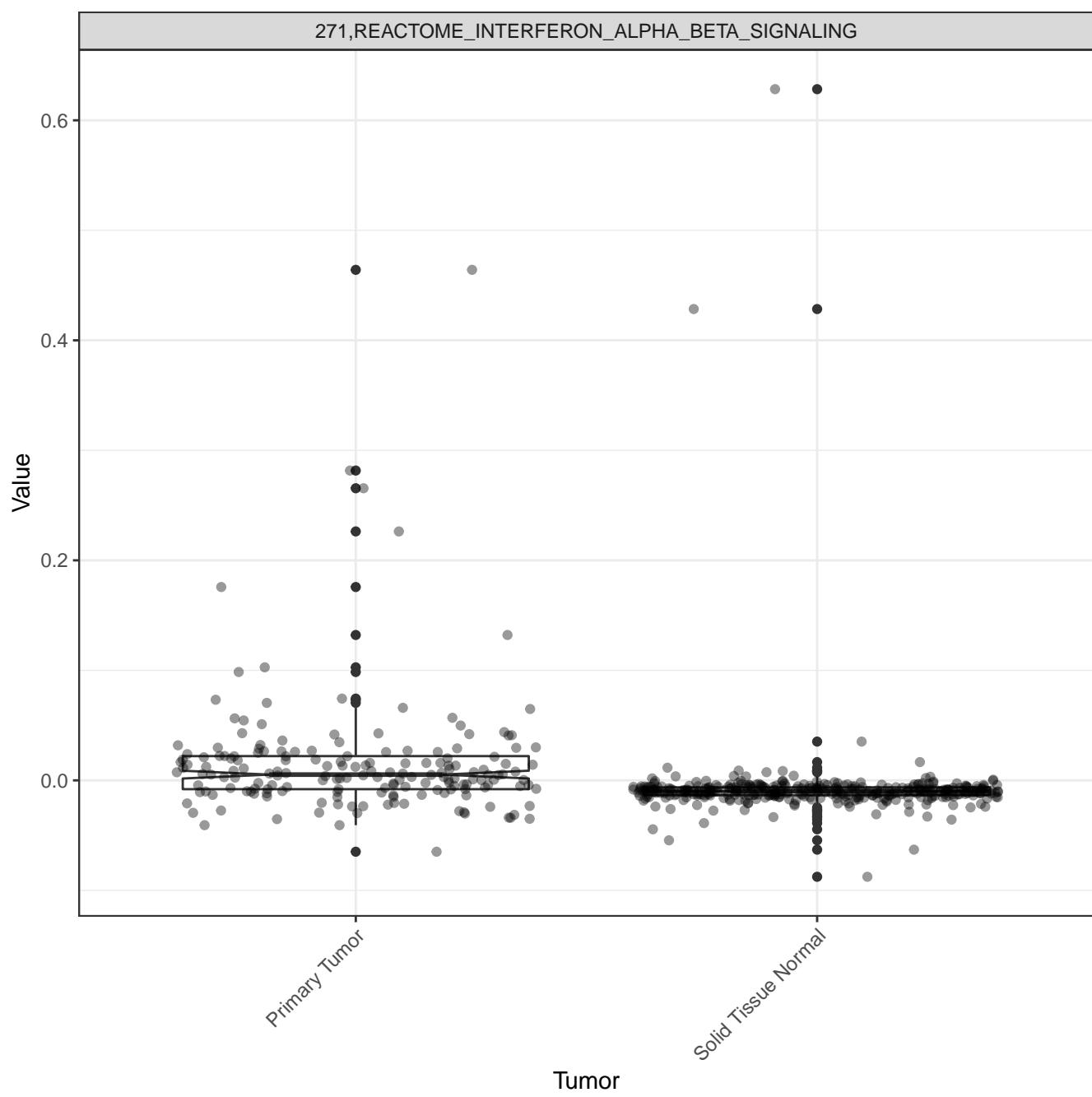
Value



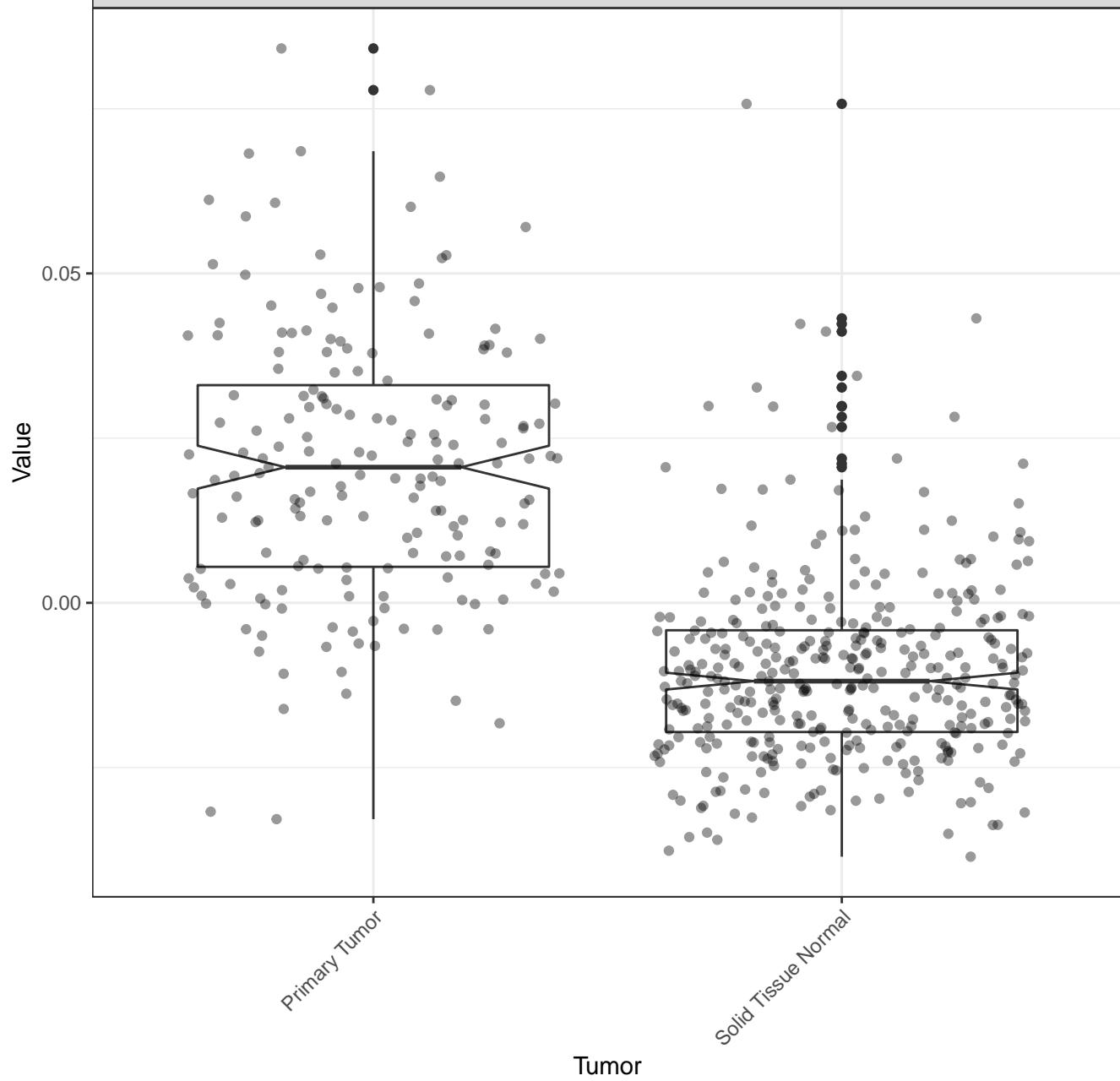
## 270,KEGG\_CELL\_CYCLE



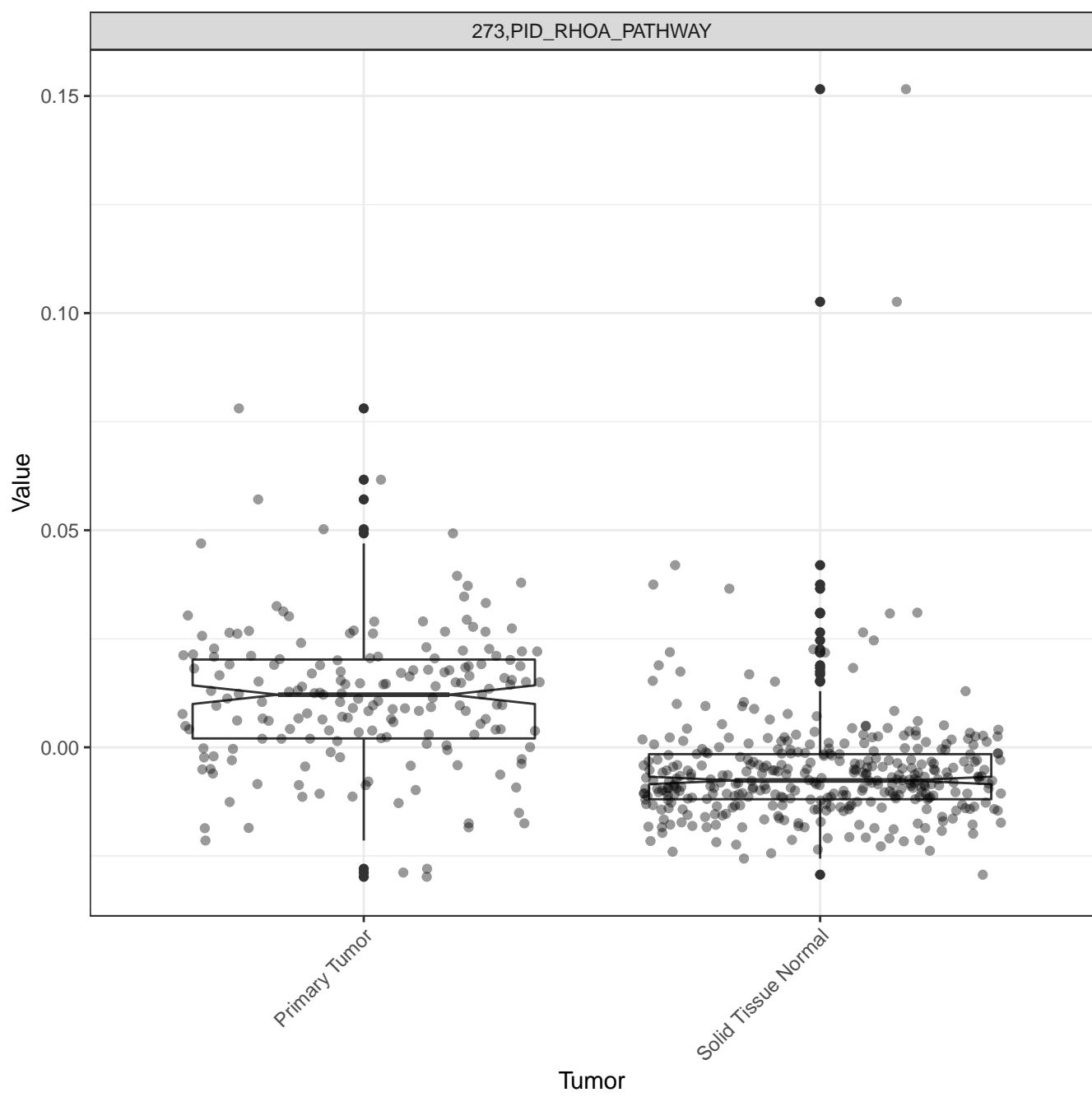
# 271,REACTOME\_INTERFERON\_ALPHA\_BETA\_SIGNALING



## 272,KEGG\_LYSOSOME



## 273,PID\_RHOA\_PATHWAY



Value

0.10

0.05

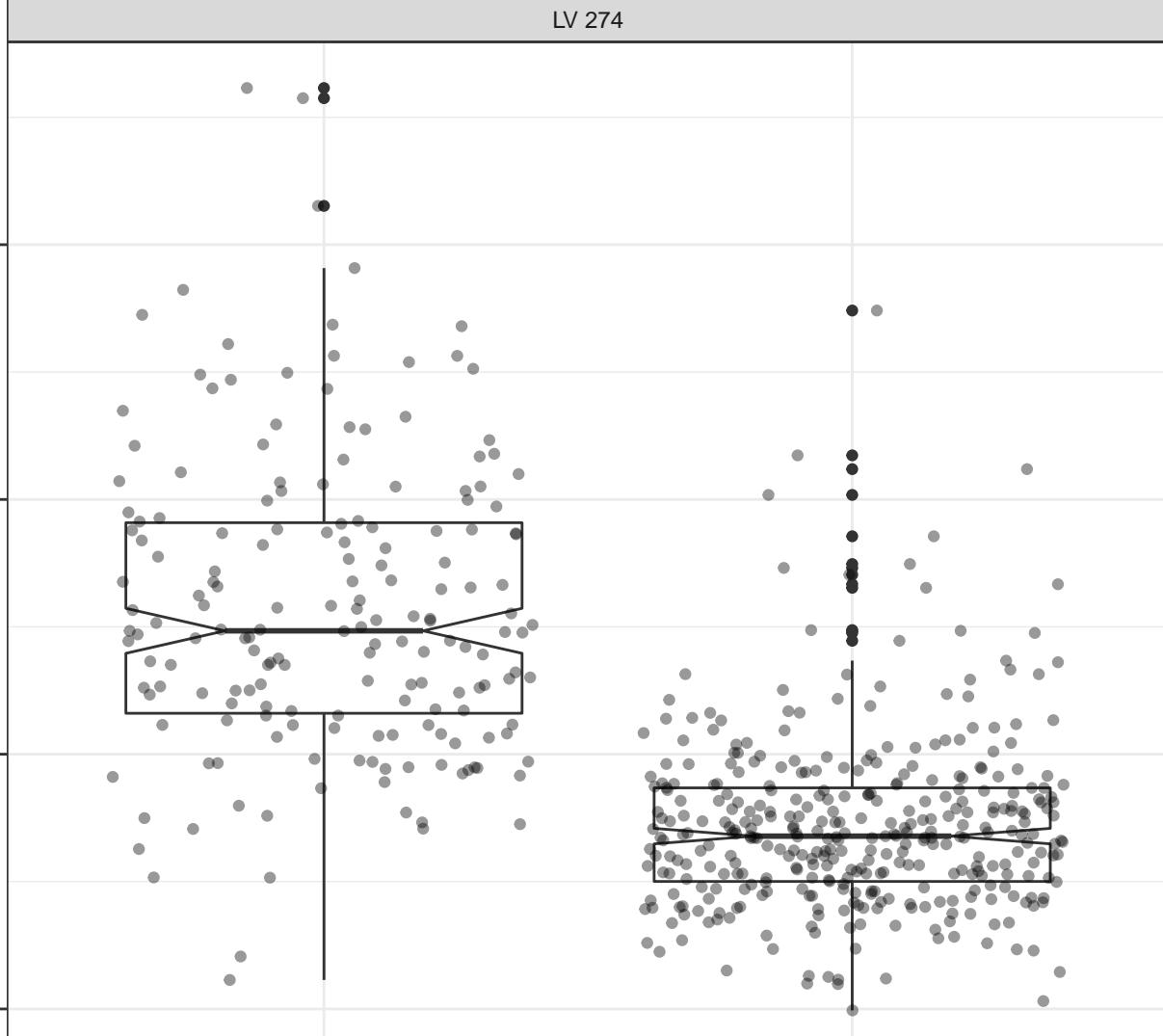
0.00

-0.05

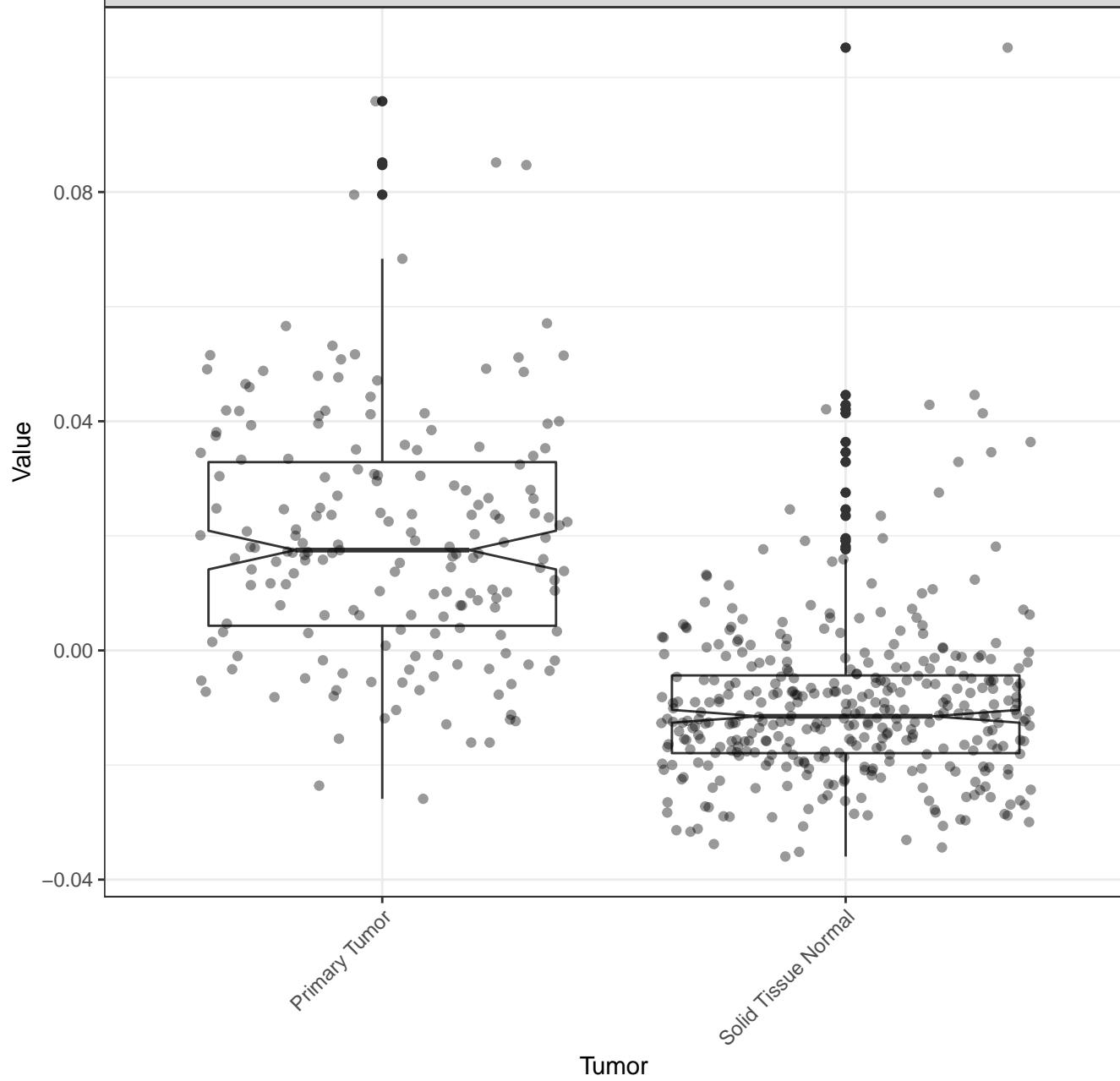
Primary Tumor

Solid Tissue Normal

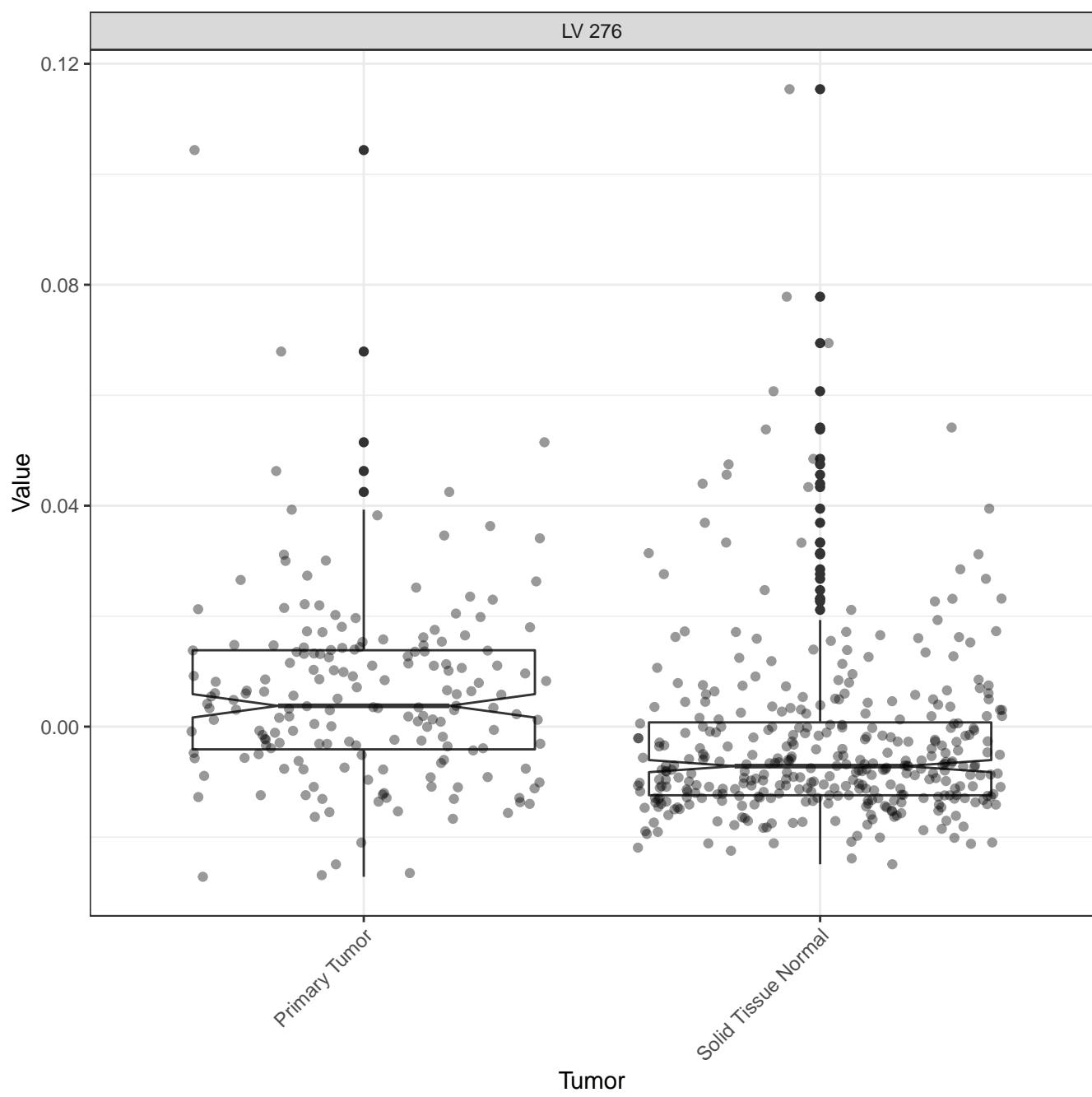
Tumor



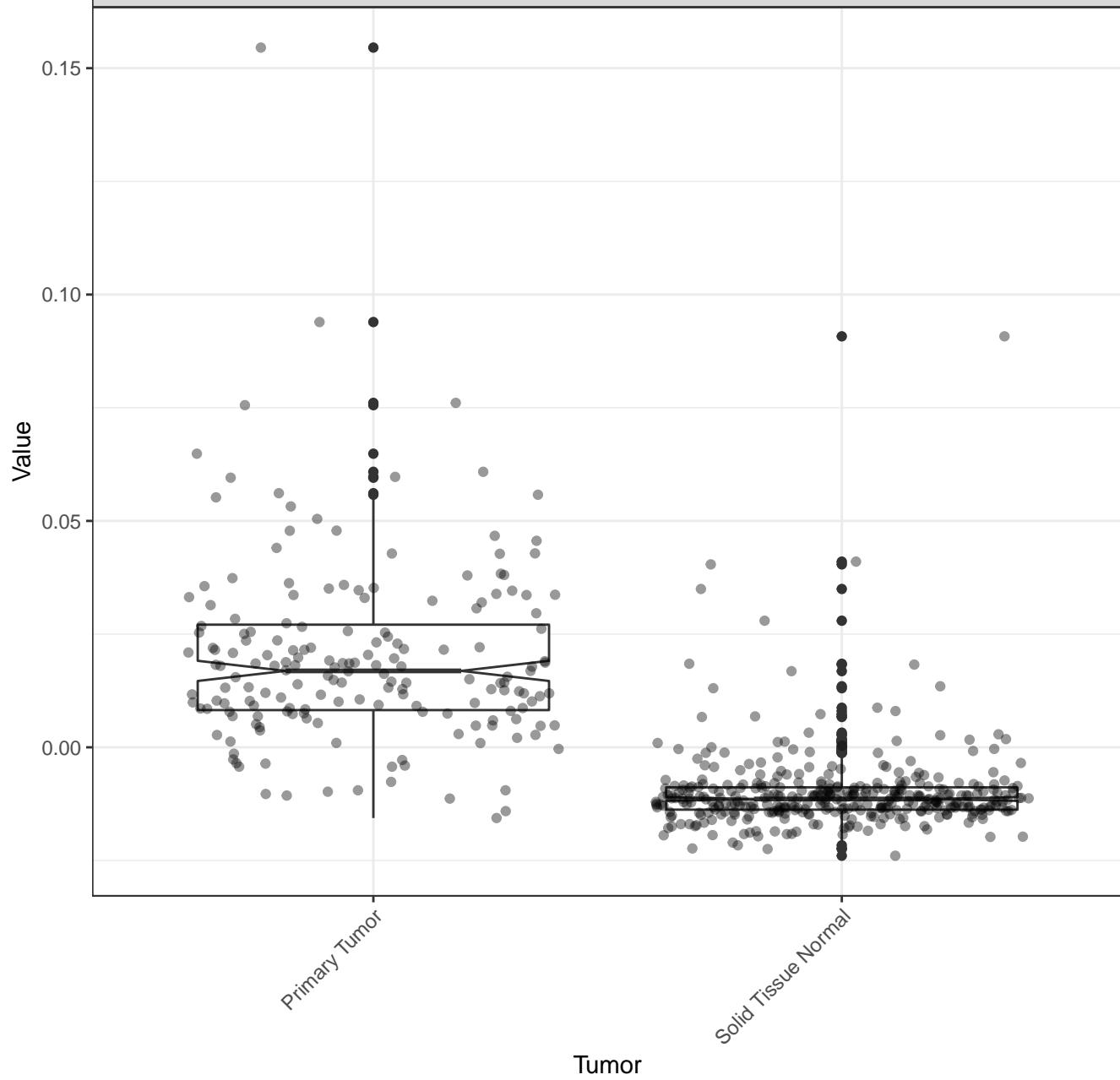
275,REACTOME\_METABOLISM\_OF\_PROTEINS



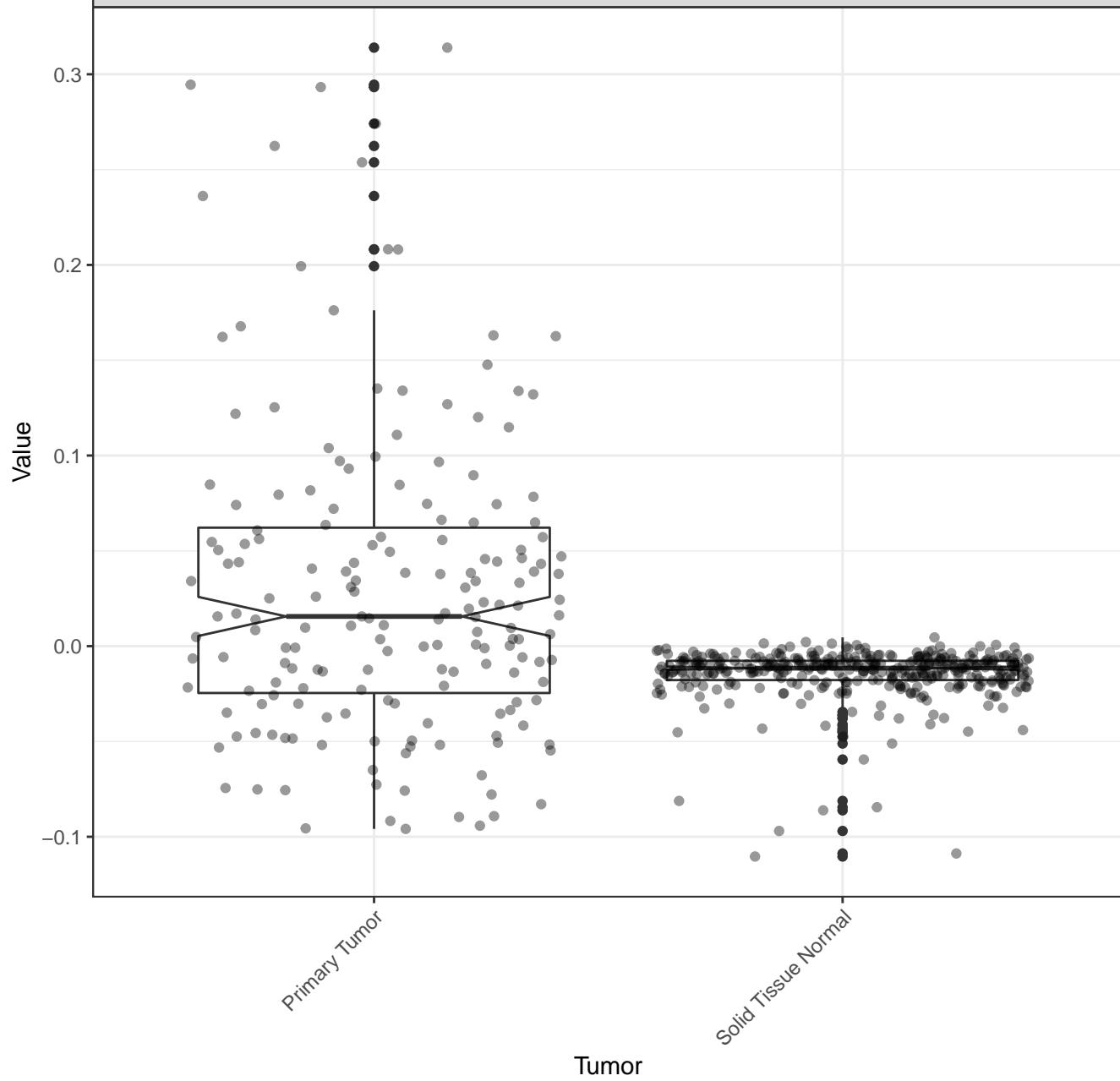
LV 276



## 277,PID\_IL4\_2PATHWAY



# 278,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT



Value

0.10

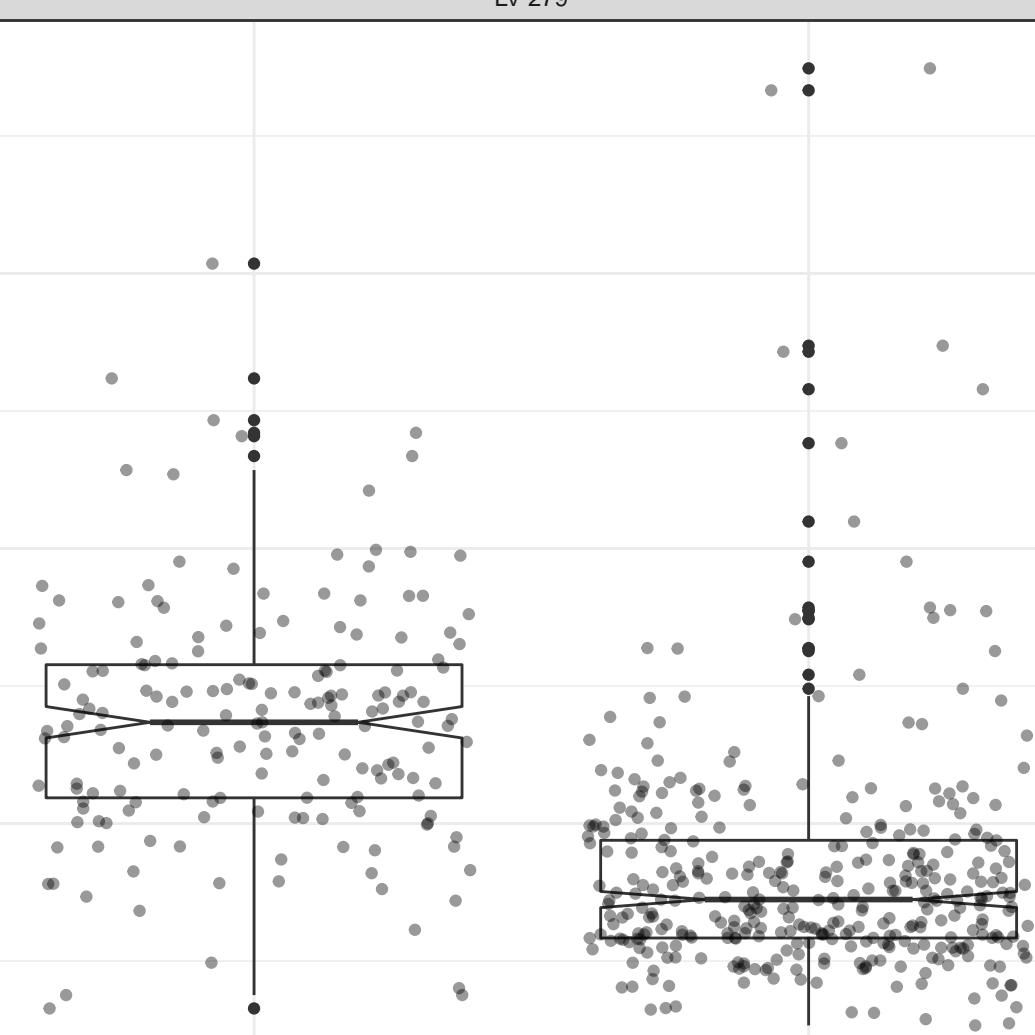
0.05

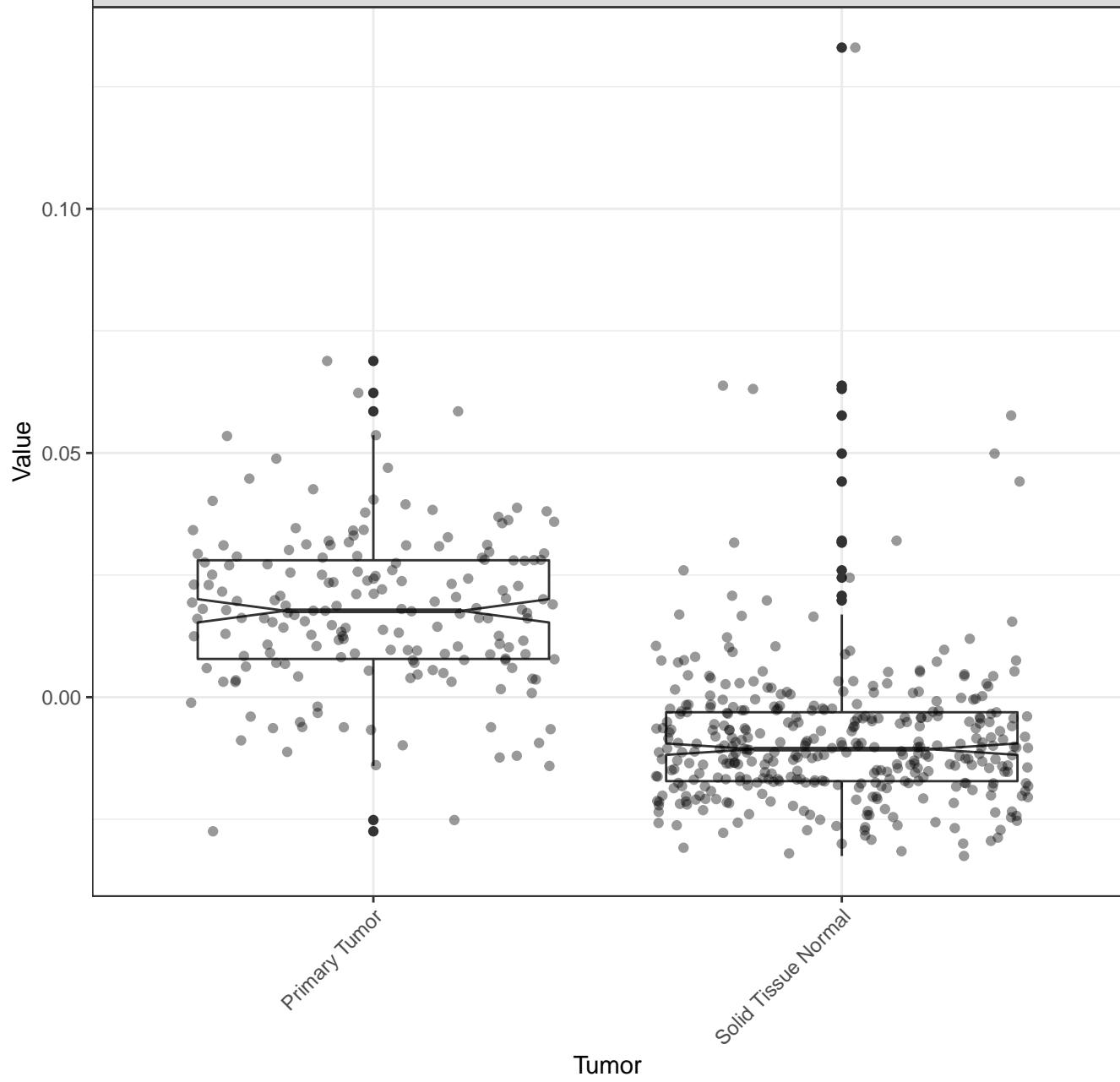
0.00

Primary Tumor

Solid Tissue Normal

Tumor





281,REACTOME\_METABOLISM\_OF\_AMINO\_ACIDS\_AND\_DERIVATIVES

Value

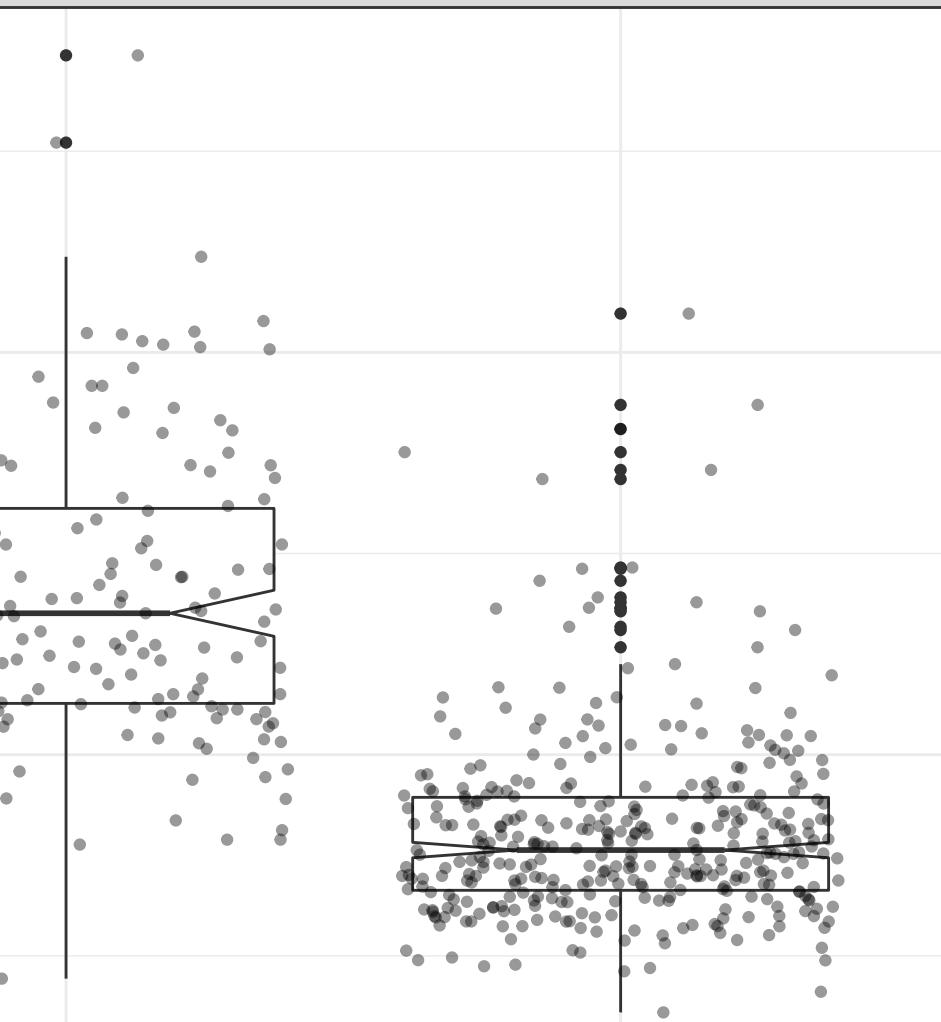
0.05

0.00

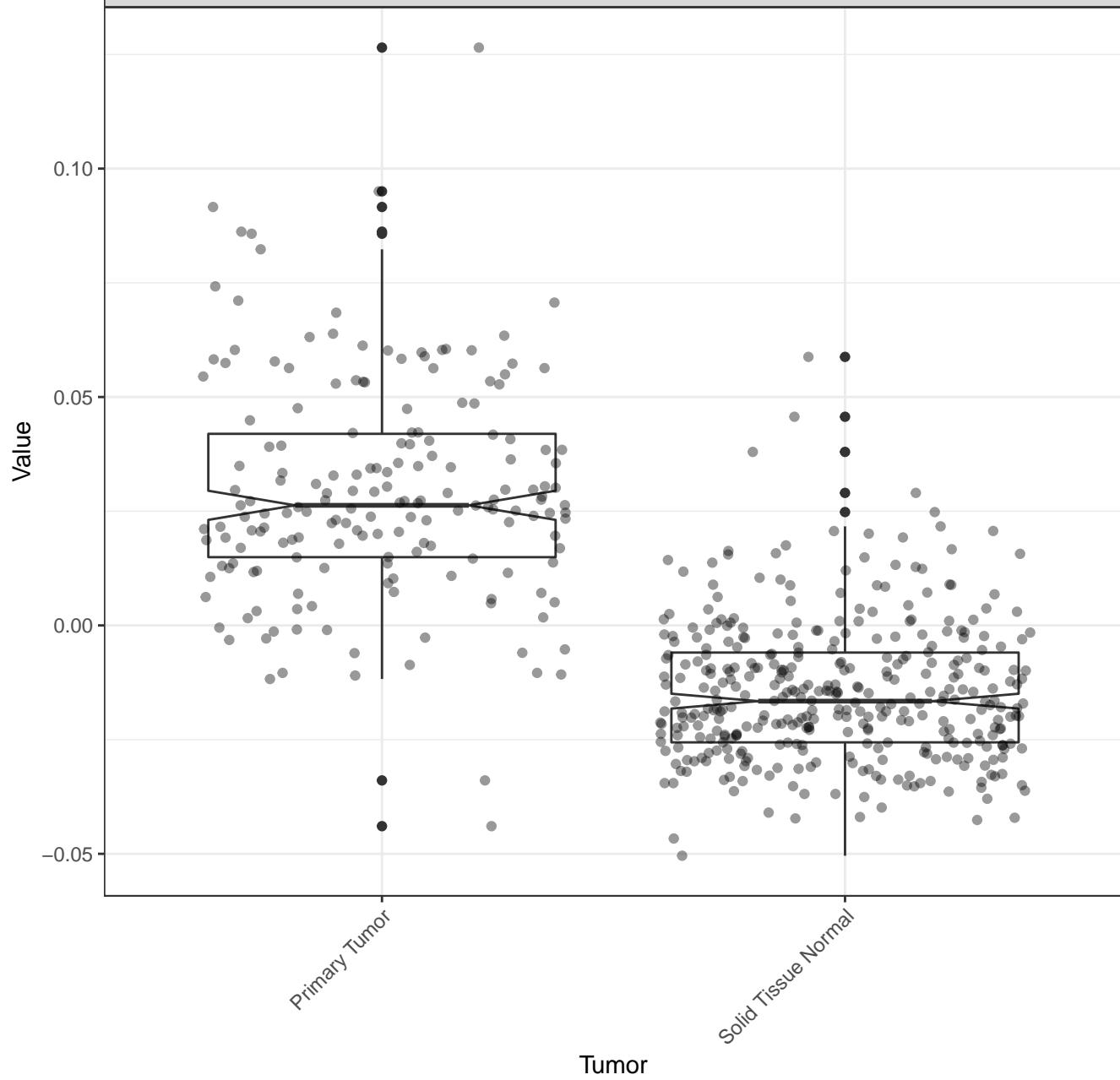
Primary Tumor

Tumor

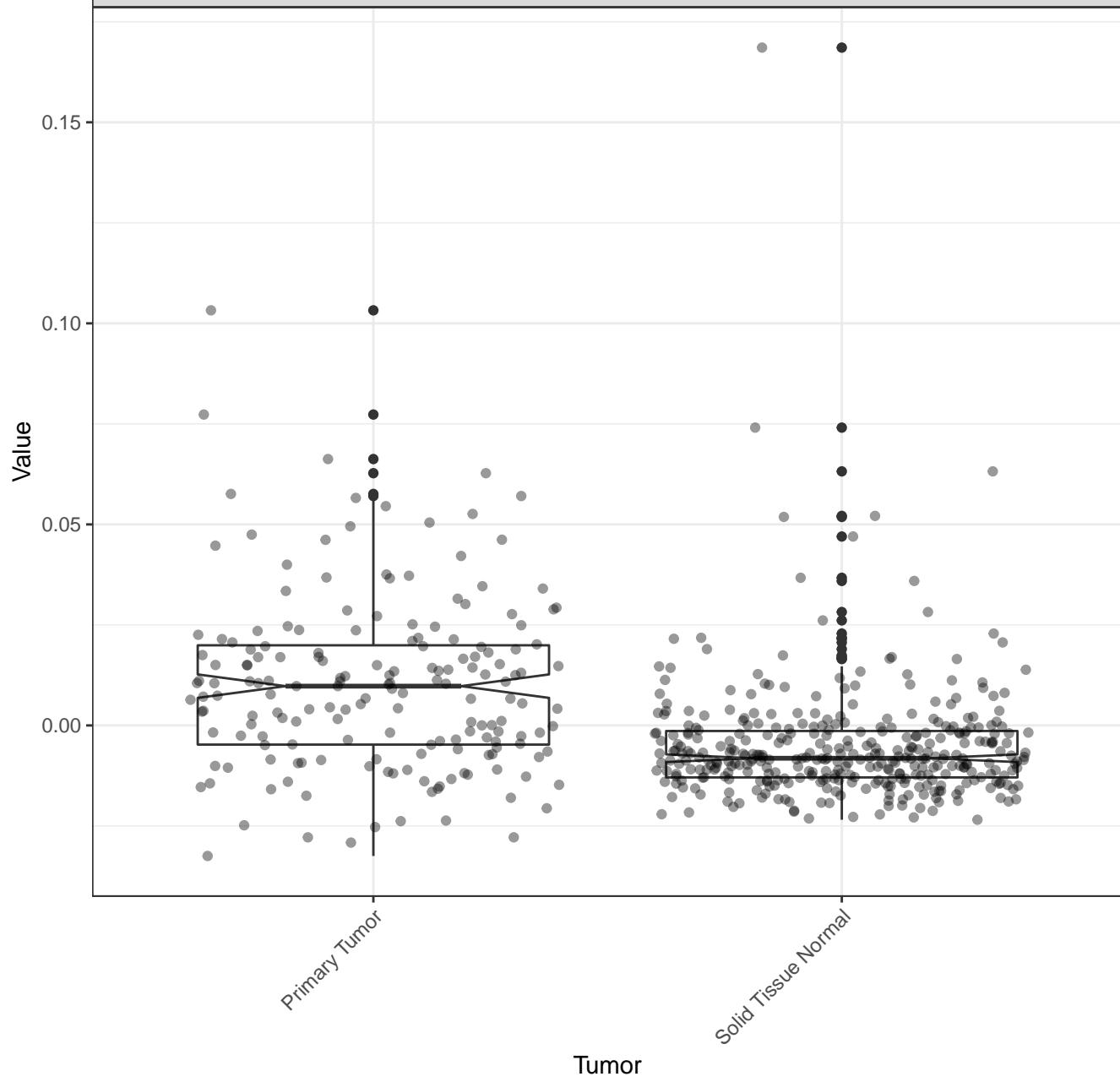
Solid Tissue Normal



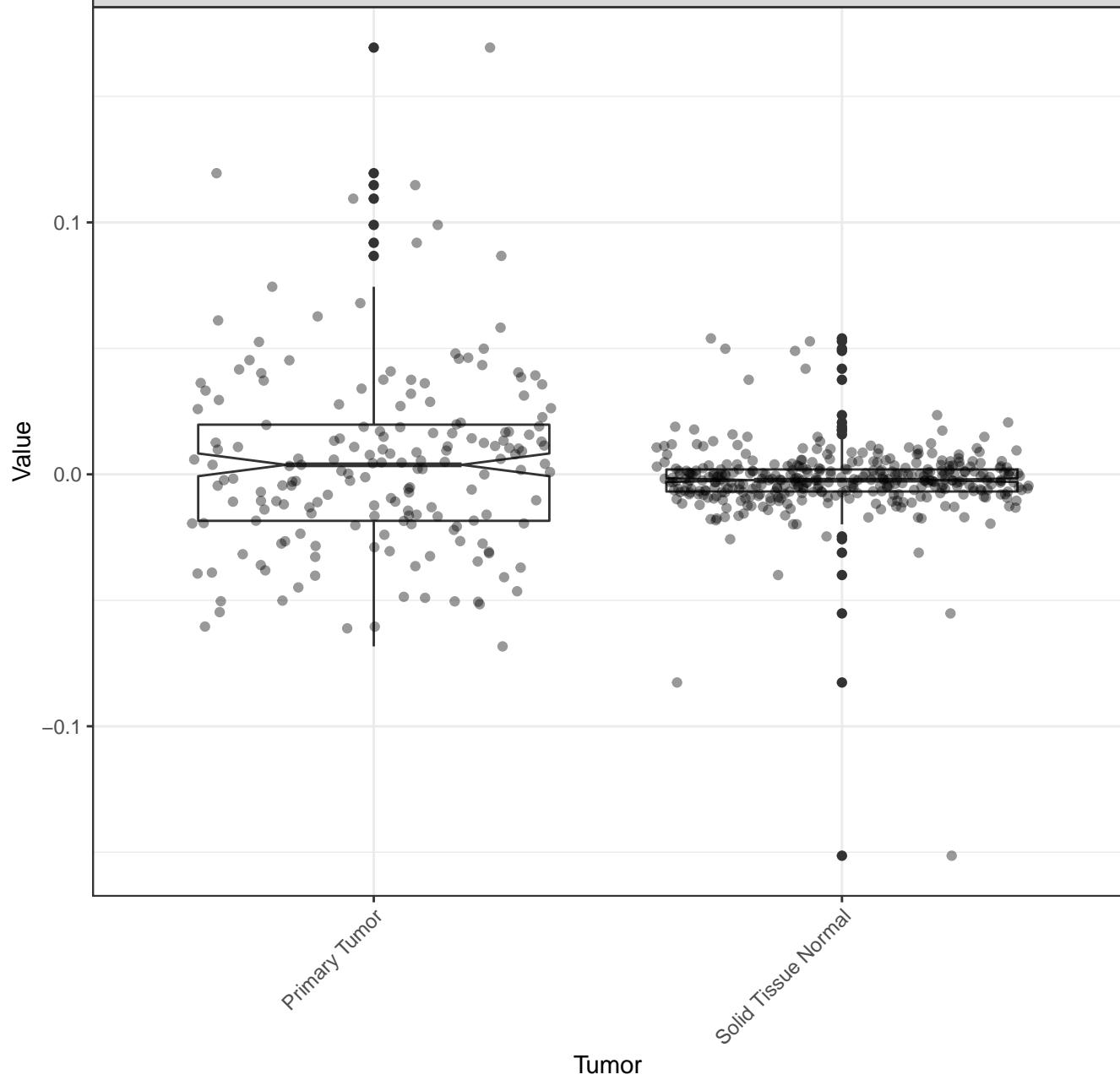
## 282,KEGG\_RNA\_DEGRADATION



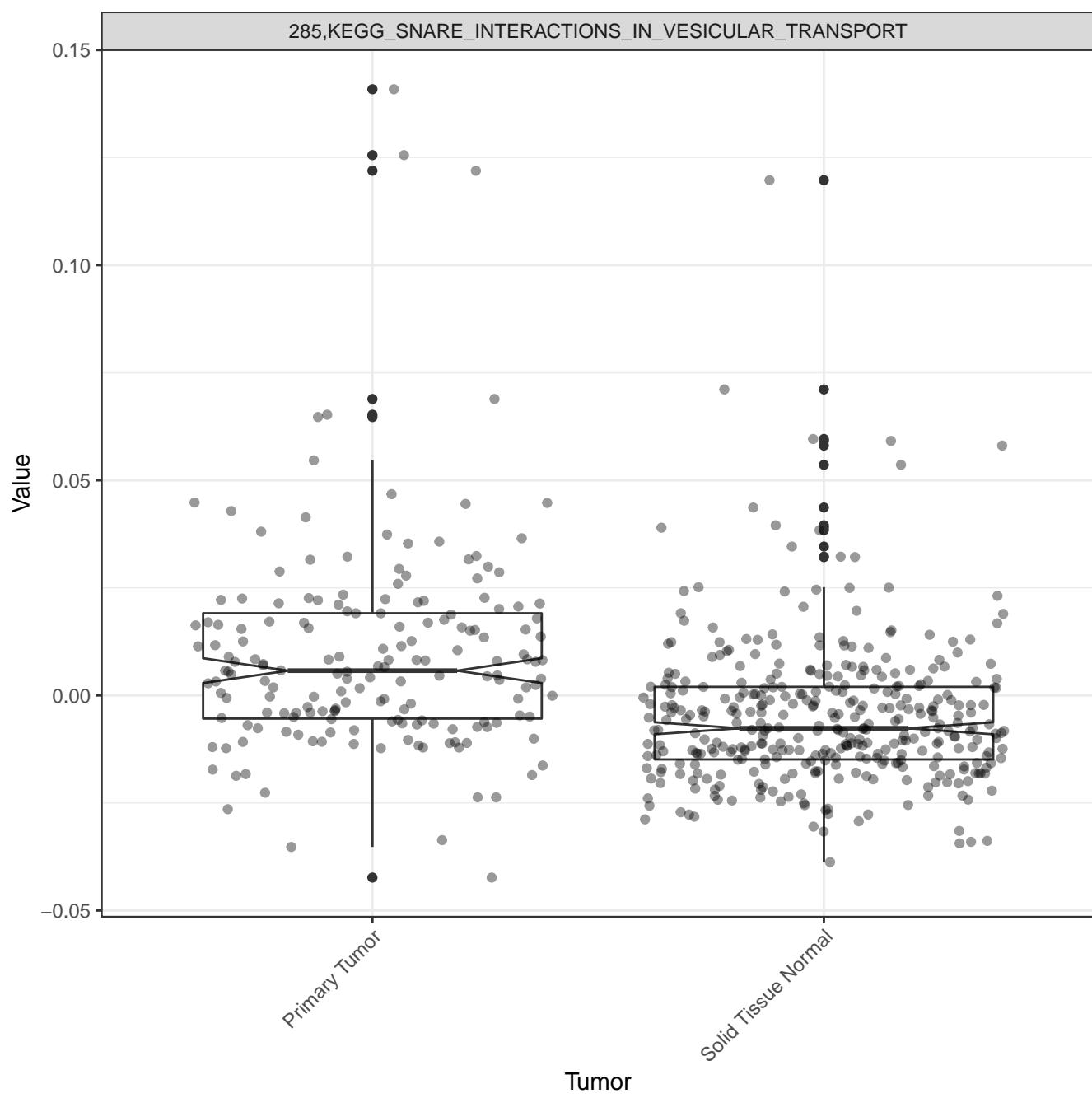
## 283,IRIS\_Monocyte-Day0

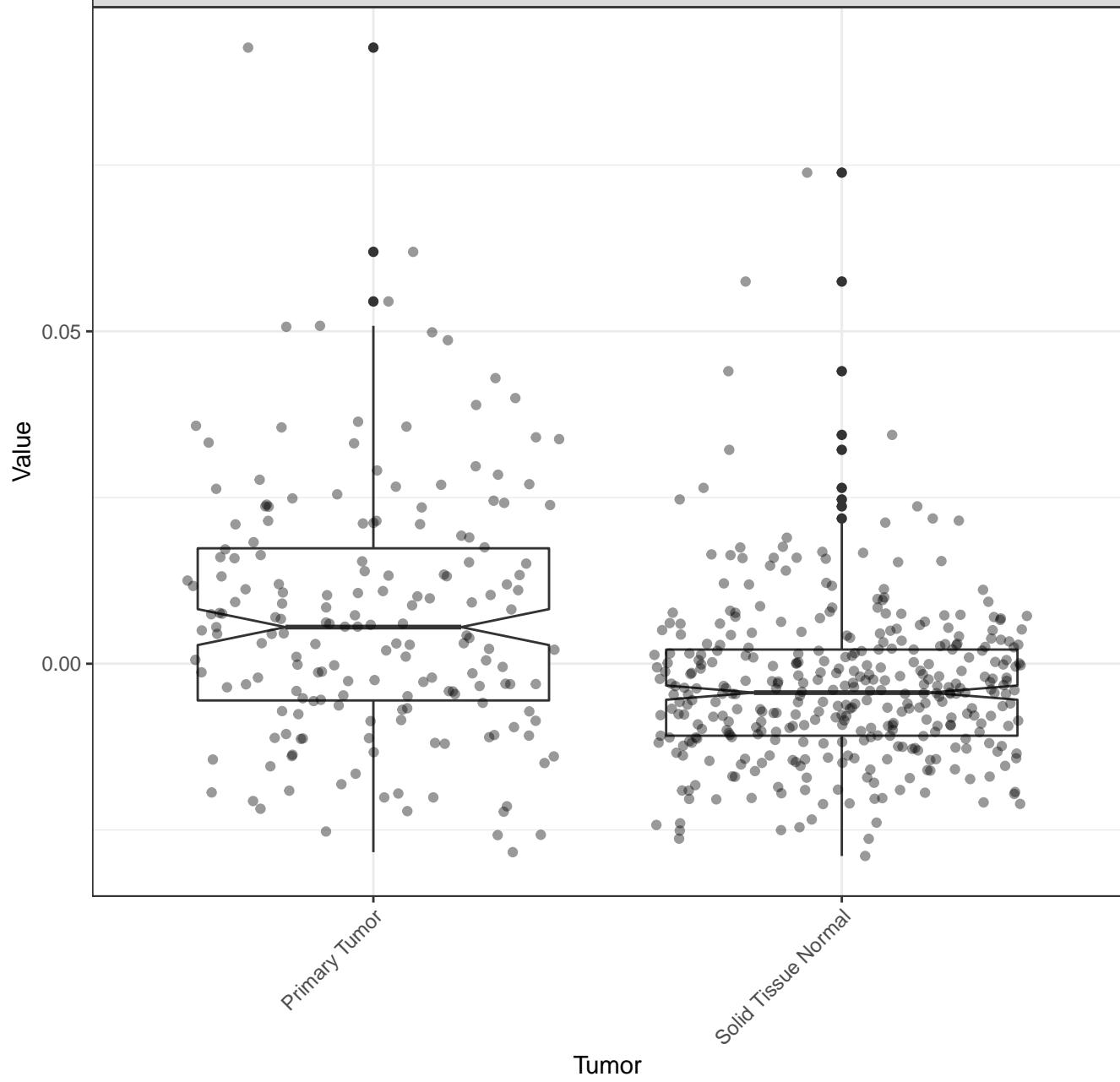


# 284,KEGG\_ECM\_RECECTOR\_INTERACTION

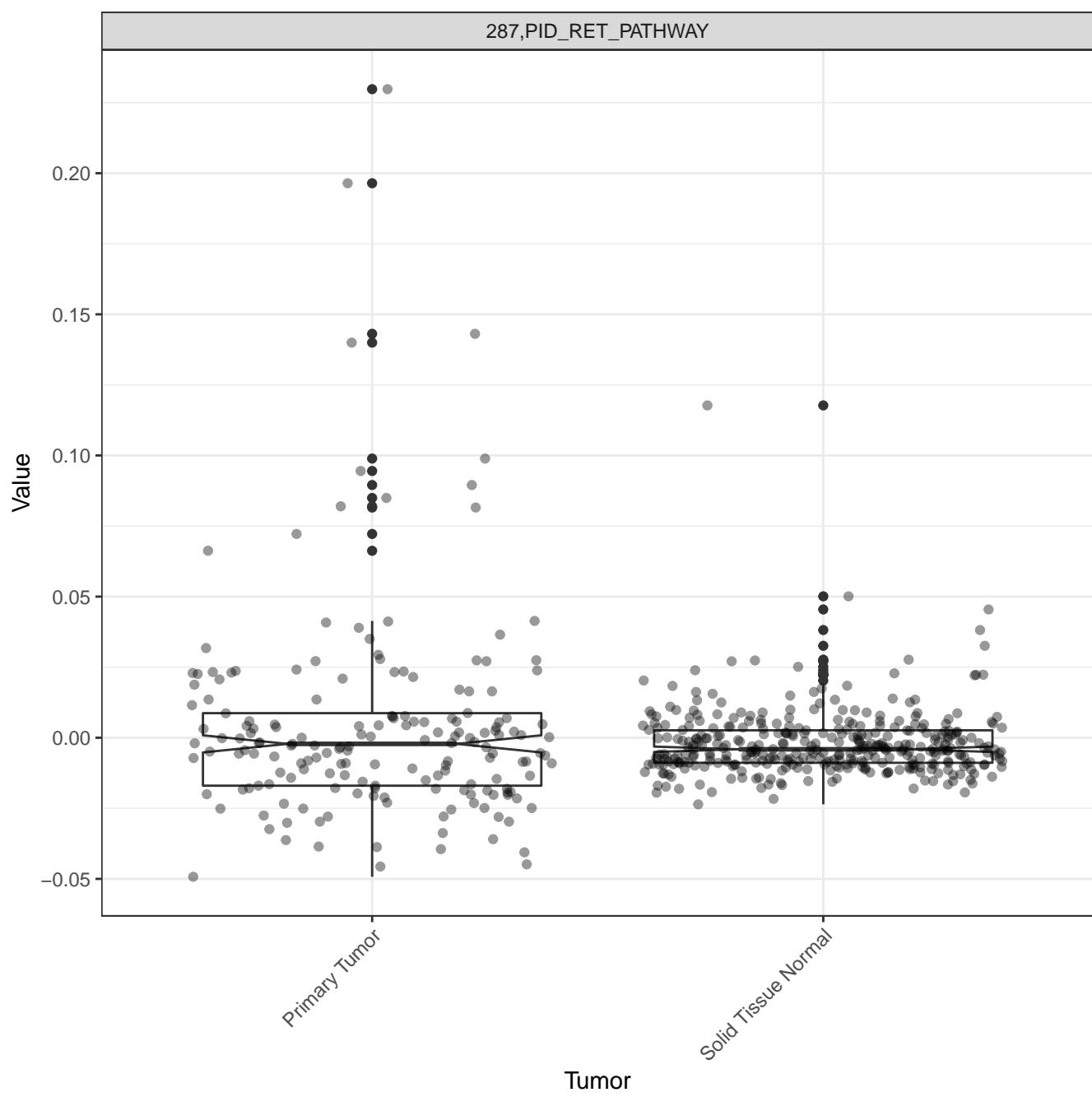


# 285,KEGG\_SNARE\_INTERACTIONS\_IN\_VESICULAR\_TRANSPORT





## 287,PID\_RET\_PATHWAY



## 288,KEGG\_PURINE\_METABOLISM

Value

0.10

0.05

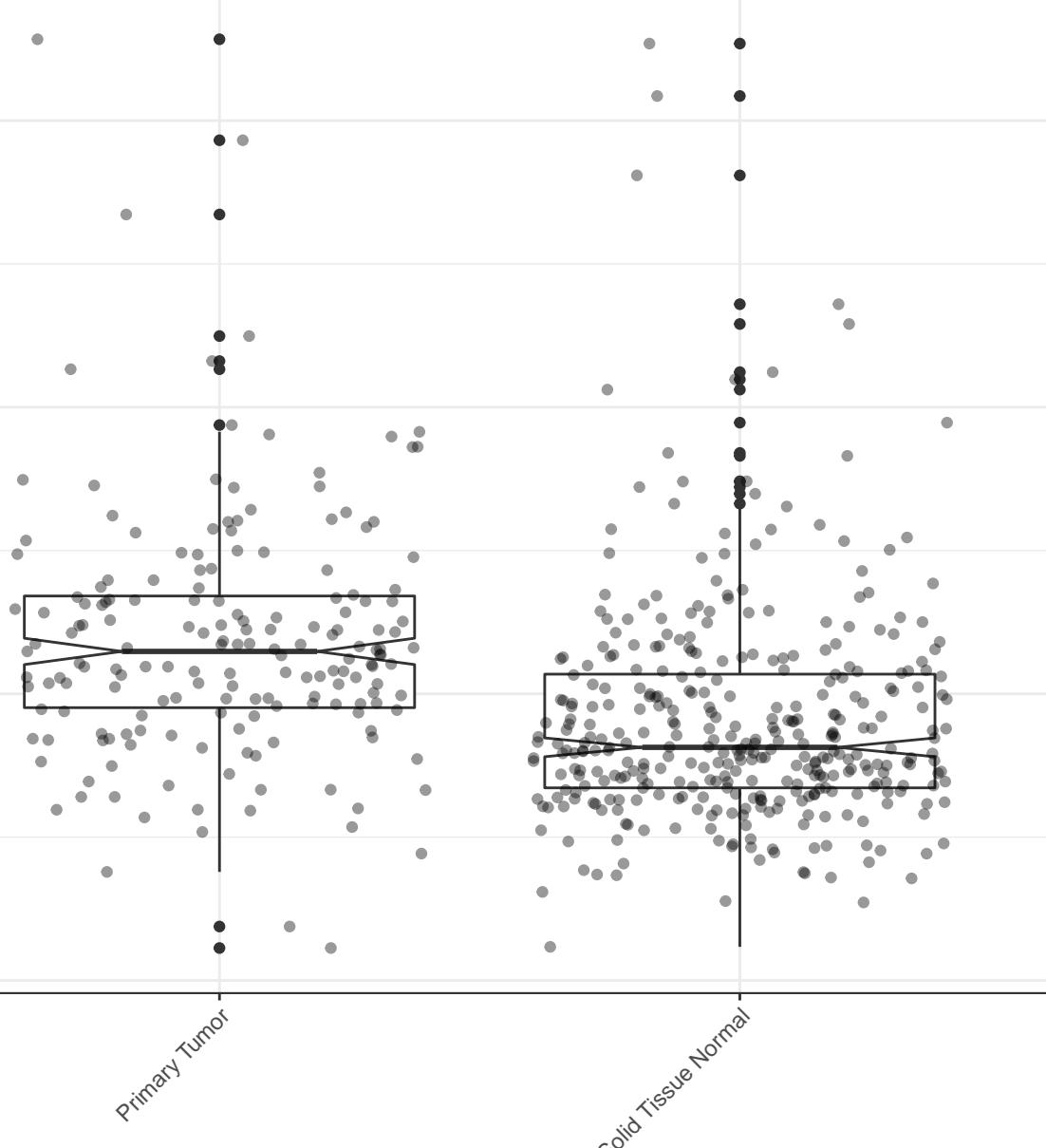
0.00

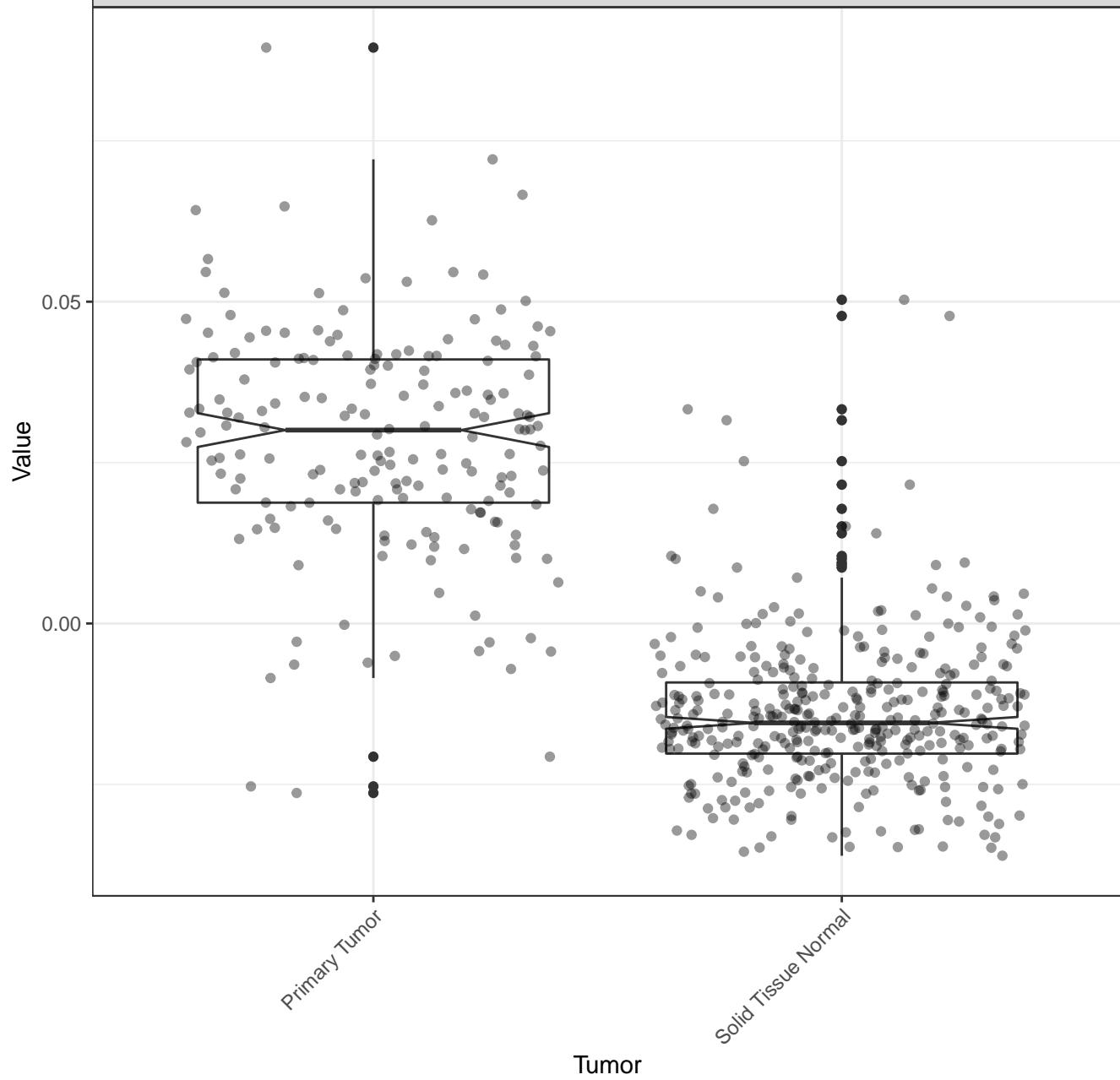
-0.05

Primary Tumor

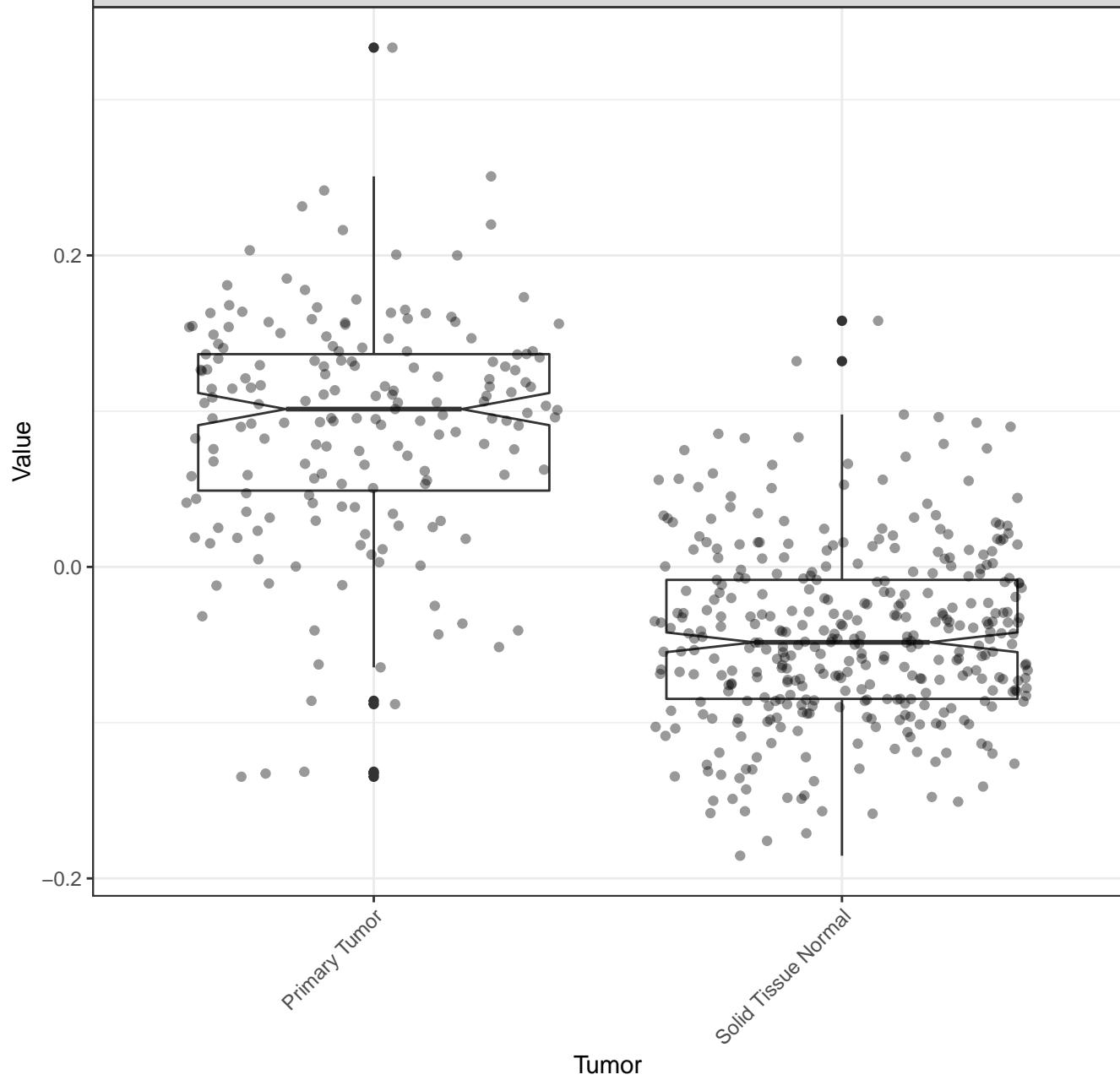
Solid Tissue Normal

Tumor





## 290,REACTOME\_TRNA\_AMINOACYLATION



Value

0.05

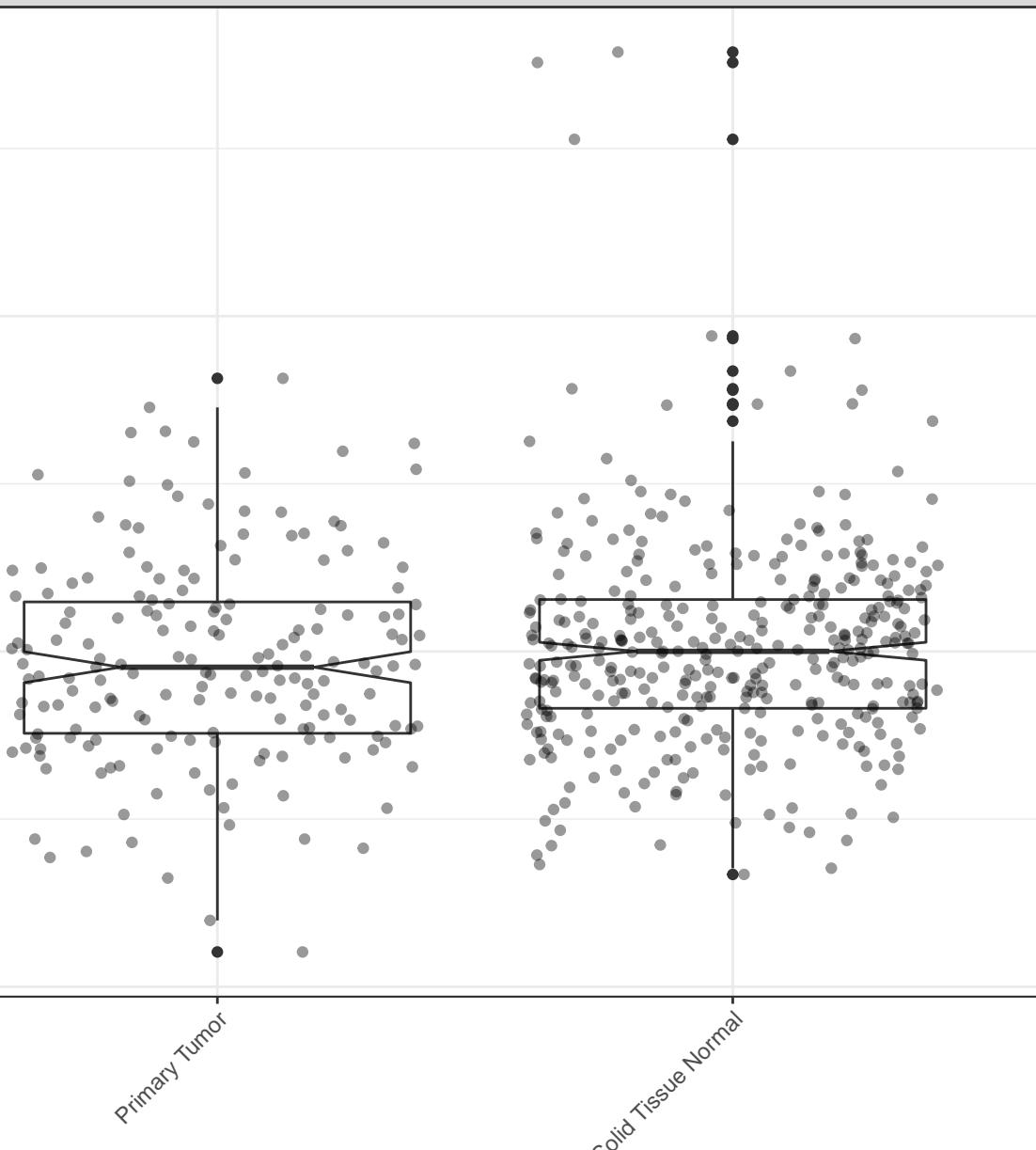
0.00

-0.05

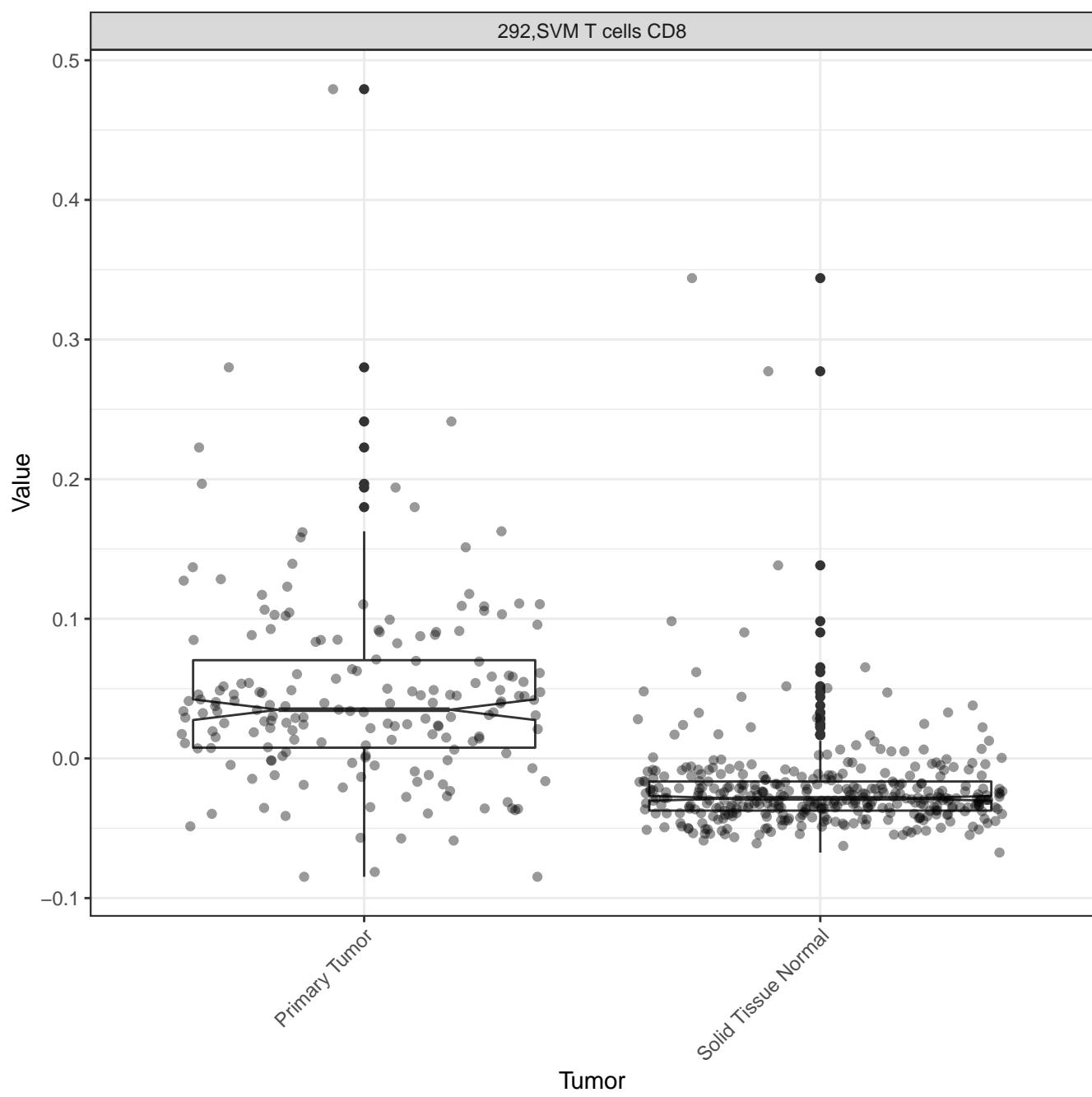
Primary Tumor

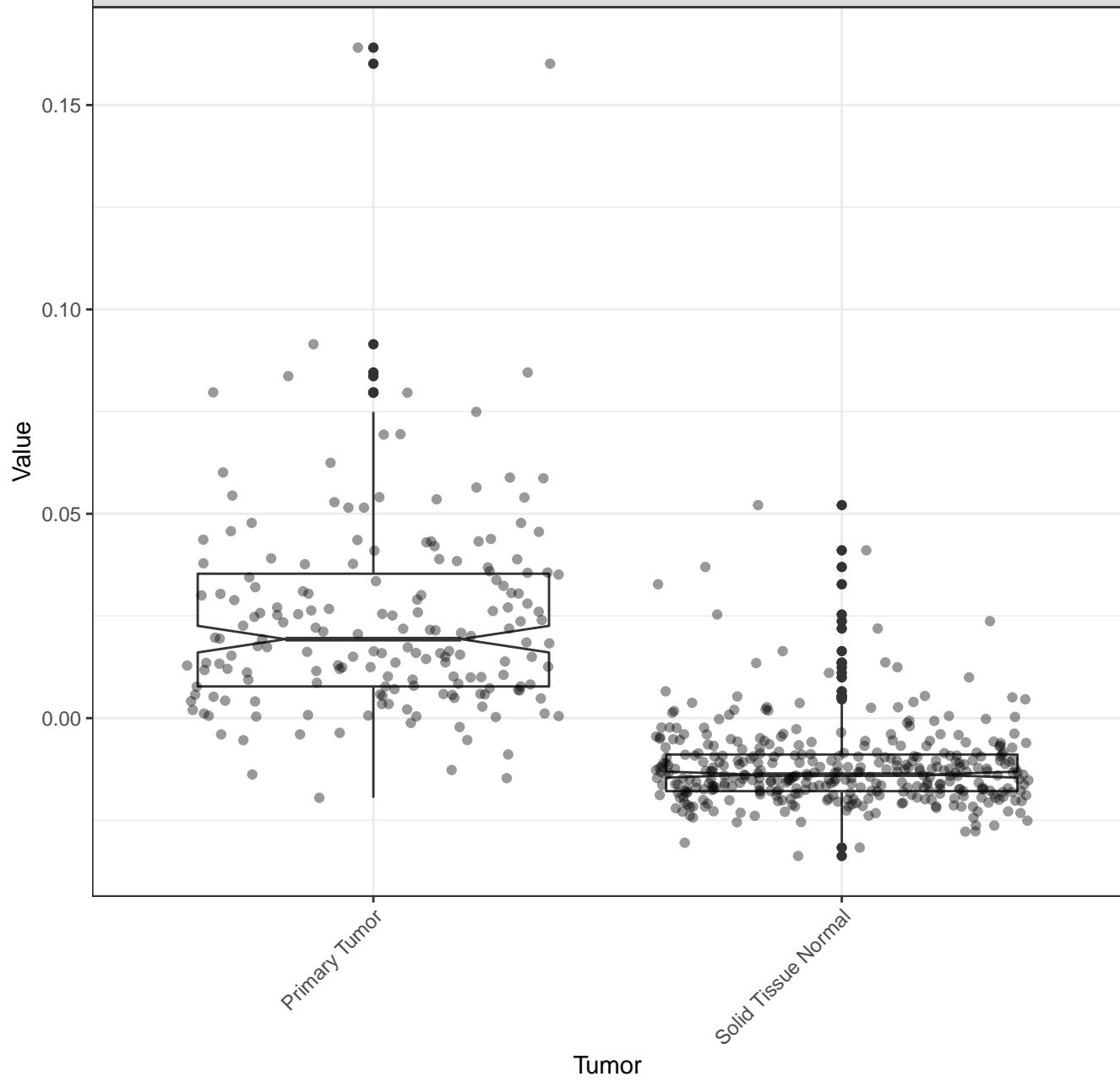
Solid Tissue Normal

Tumor

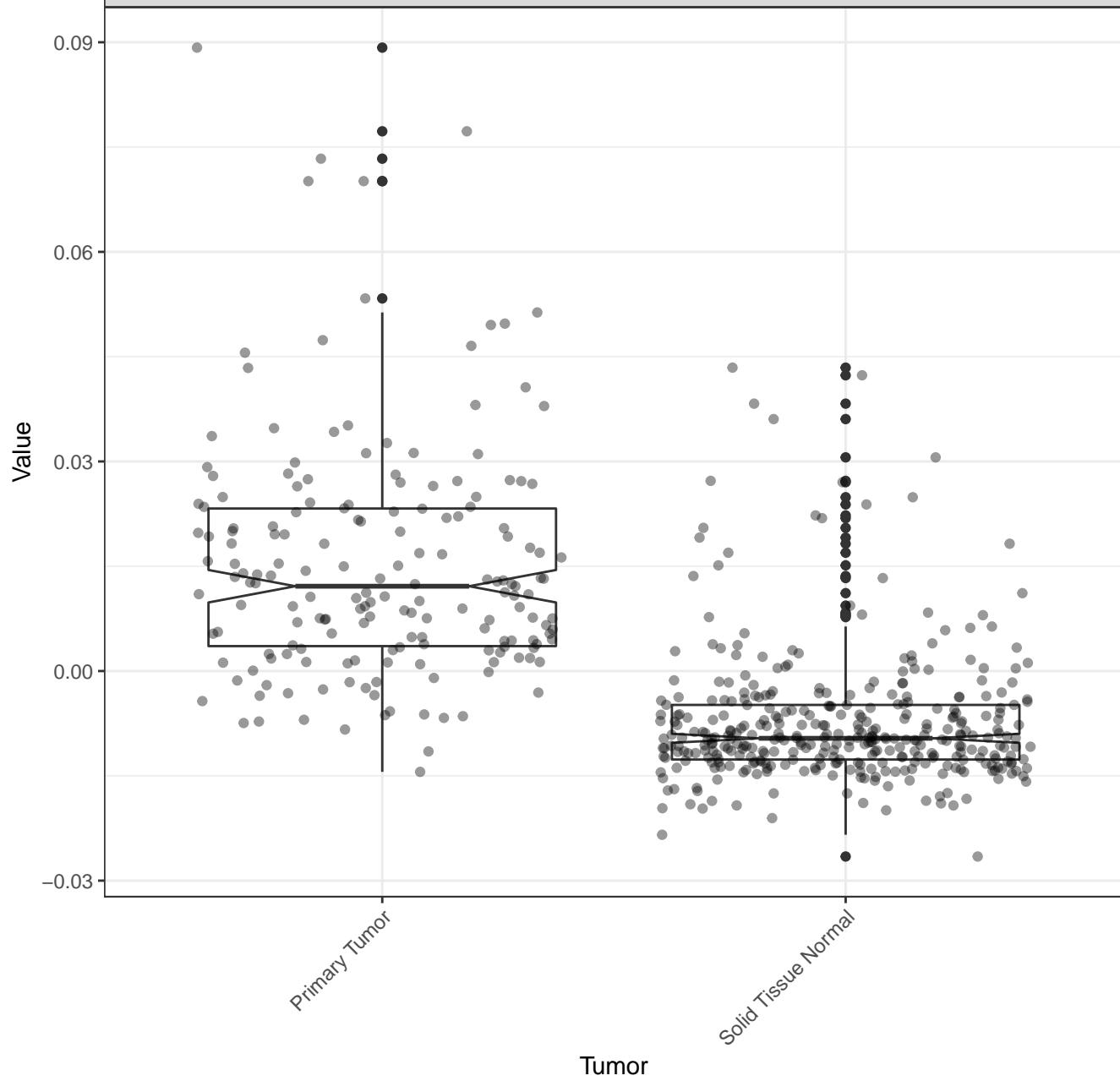


## 292,SVM T cells CD8

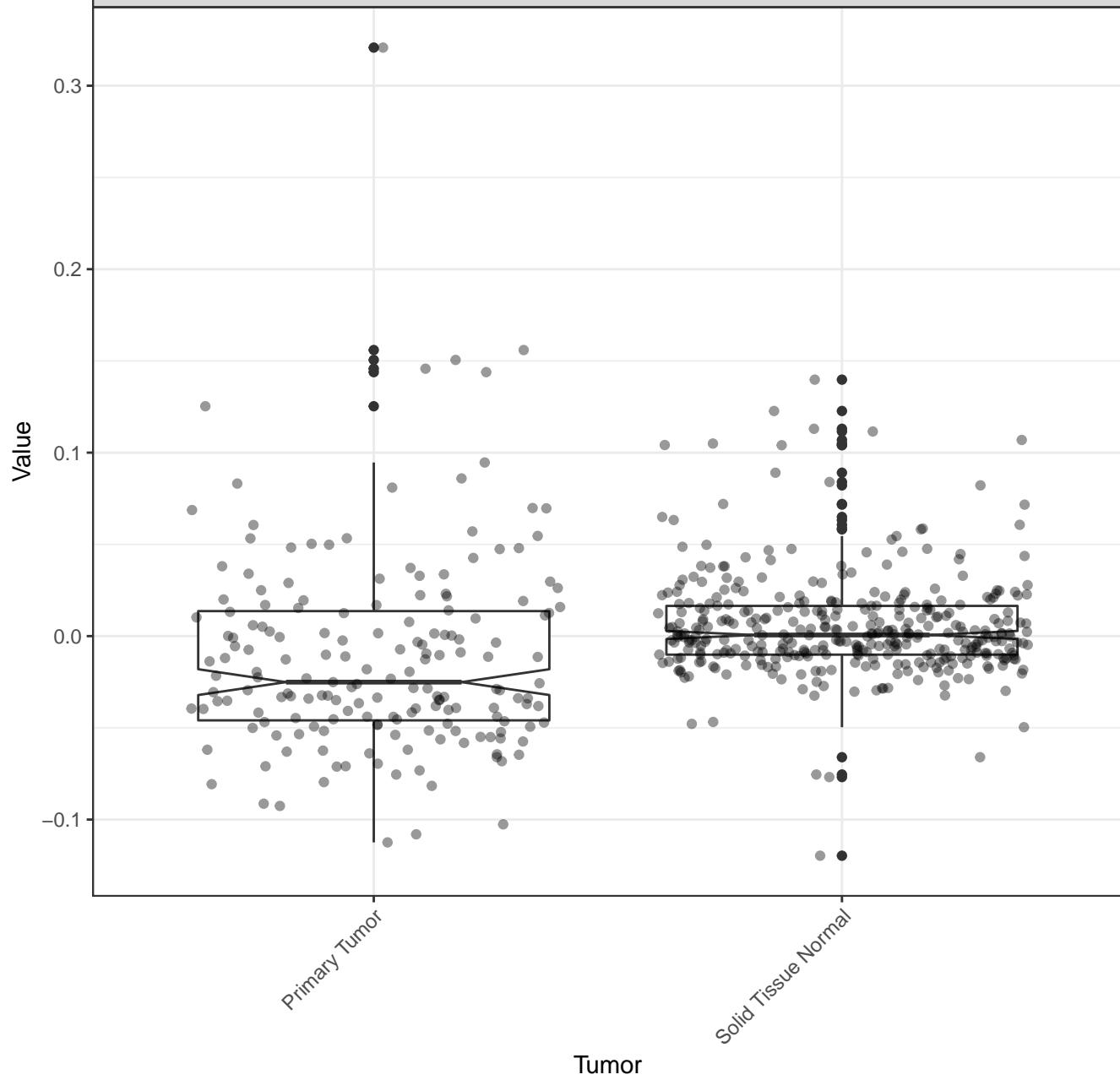




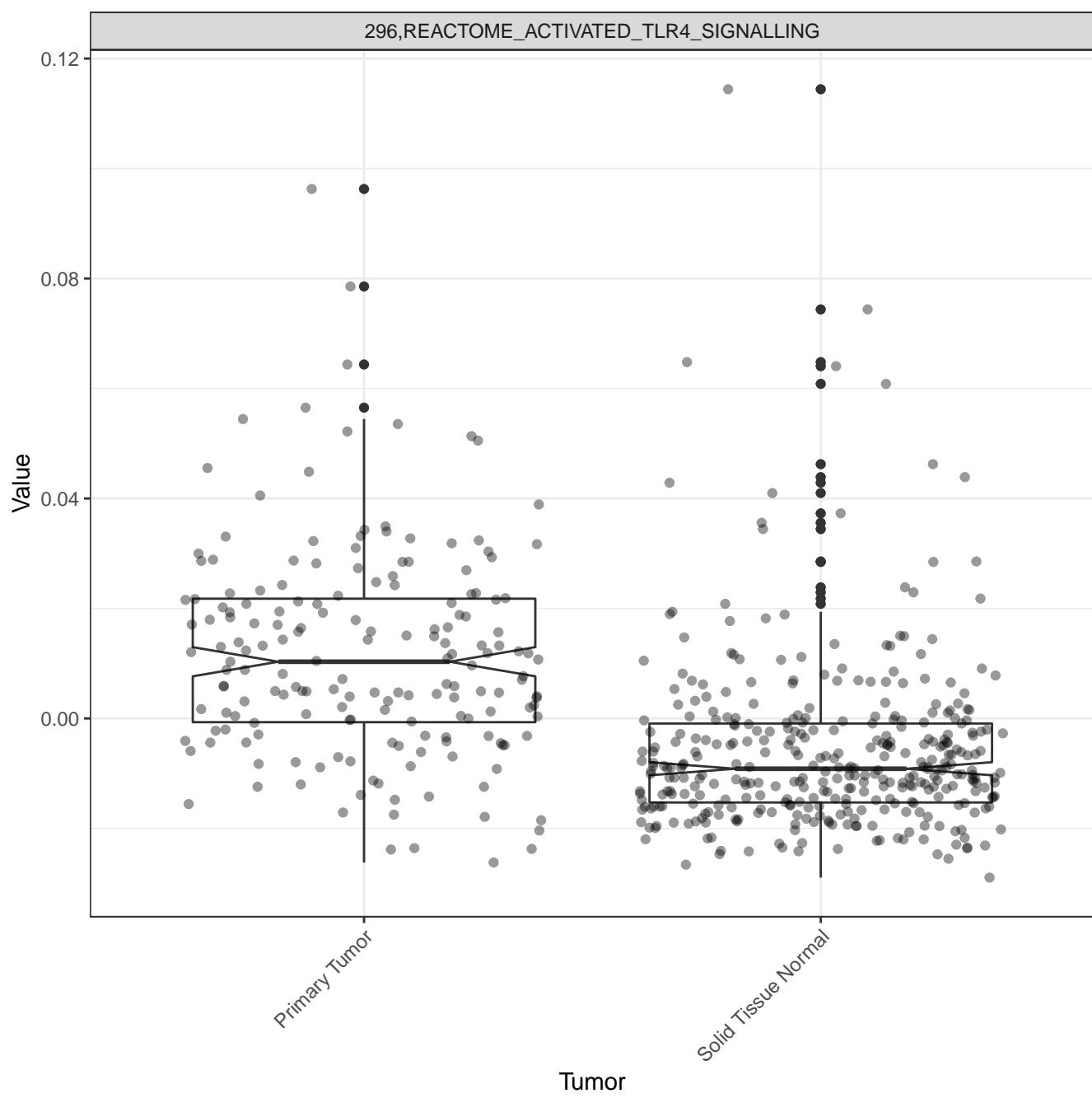
### 294,REACTOME\_METABOLISM\_OF\_PROTEINS



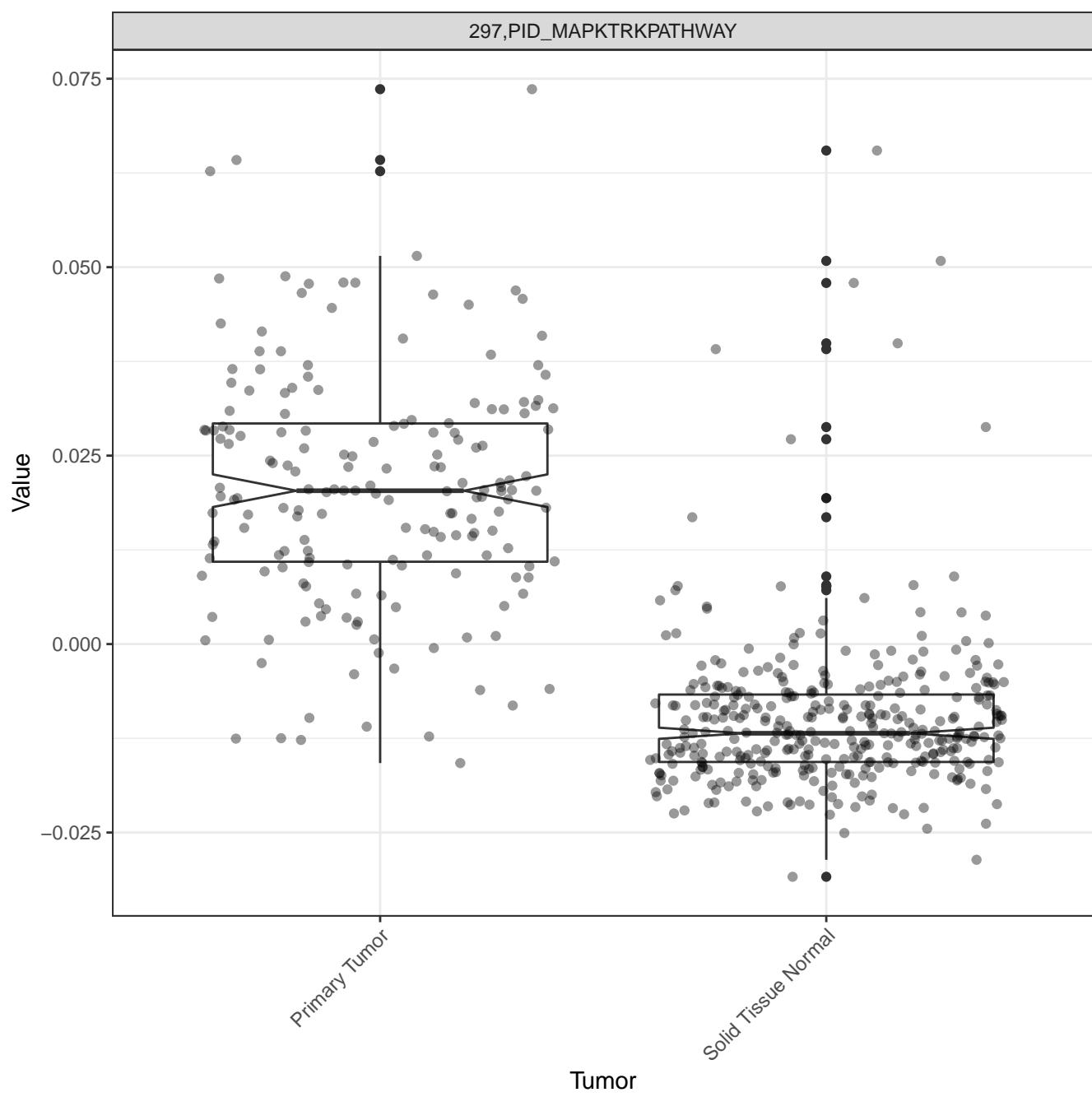
## 295,PID\_NFAT\_TFPATHWAY



## 296,REACTOME\_ACTIVATED\_TLR4\_SIGNALLING



## 297,PID\_MAPKTRKPATHWAY



LV 298

Value

0.075

0.050

0.025

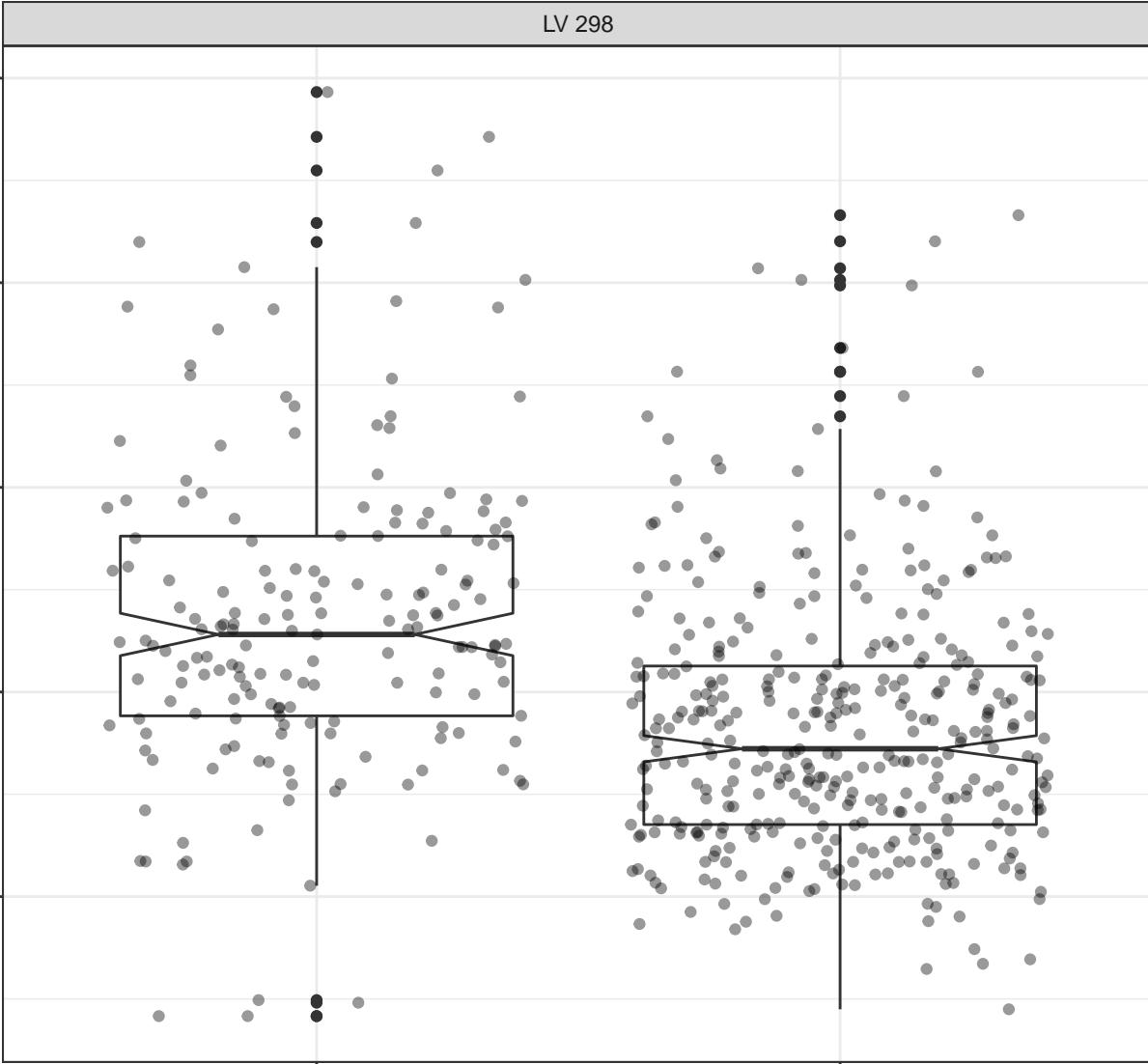
0.000

-0.025

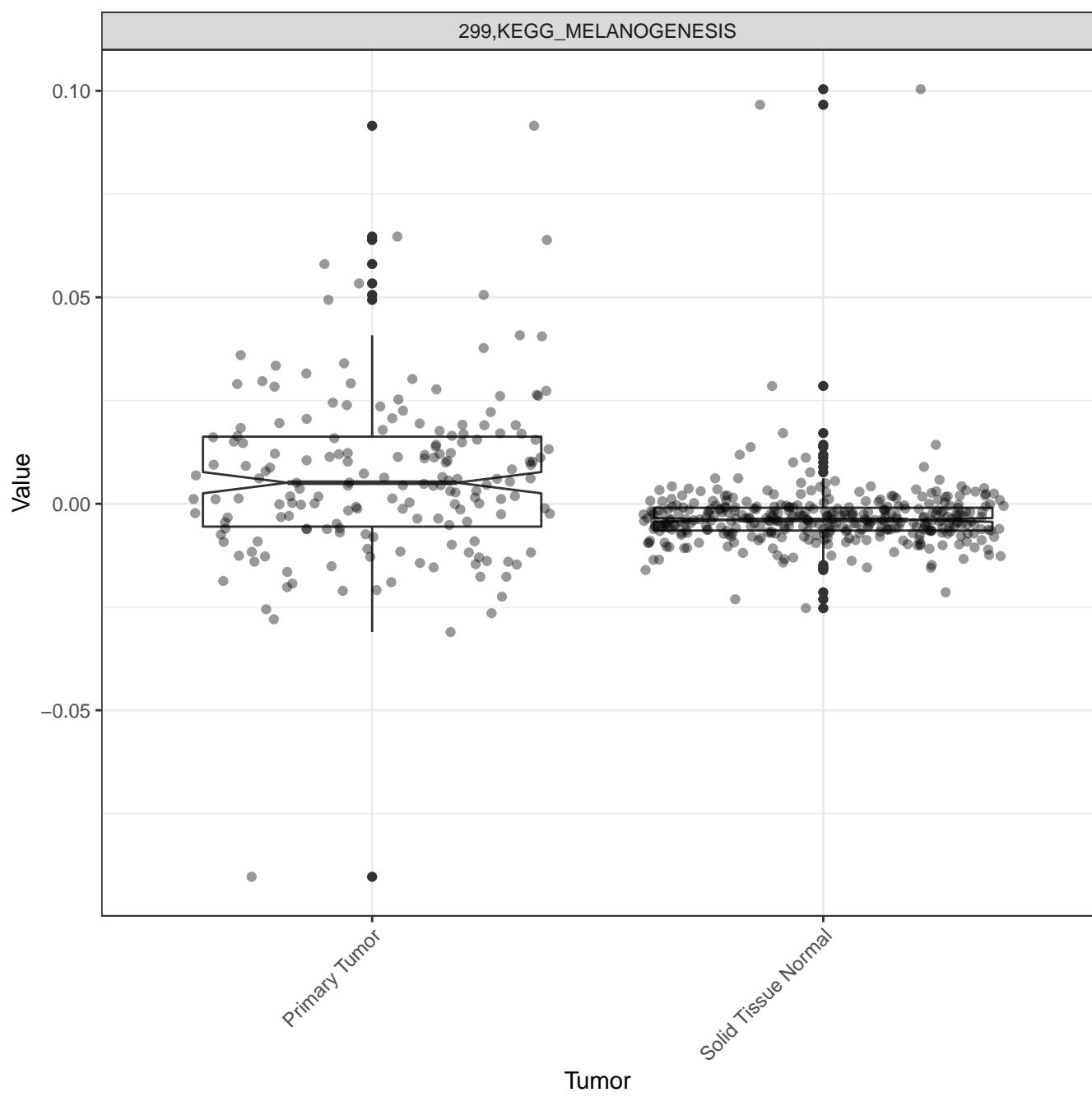
Primary Tumor

Solid Tissue Normal

Tumor



## 299,KEGG\_MELANOGENESIS



Value

0.08

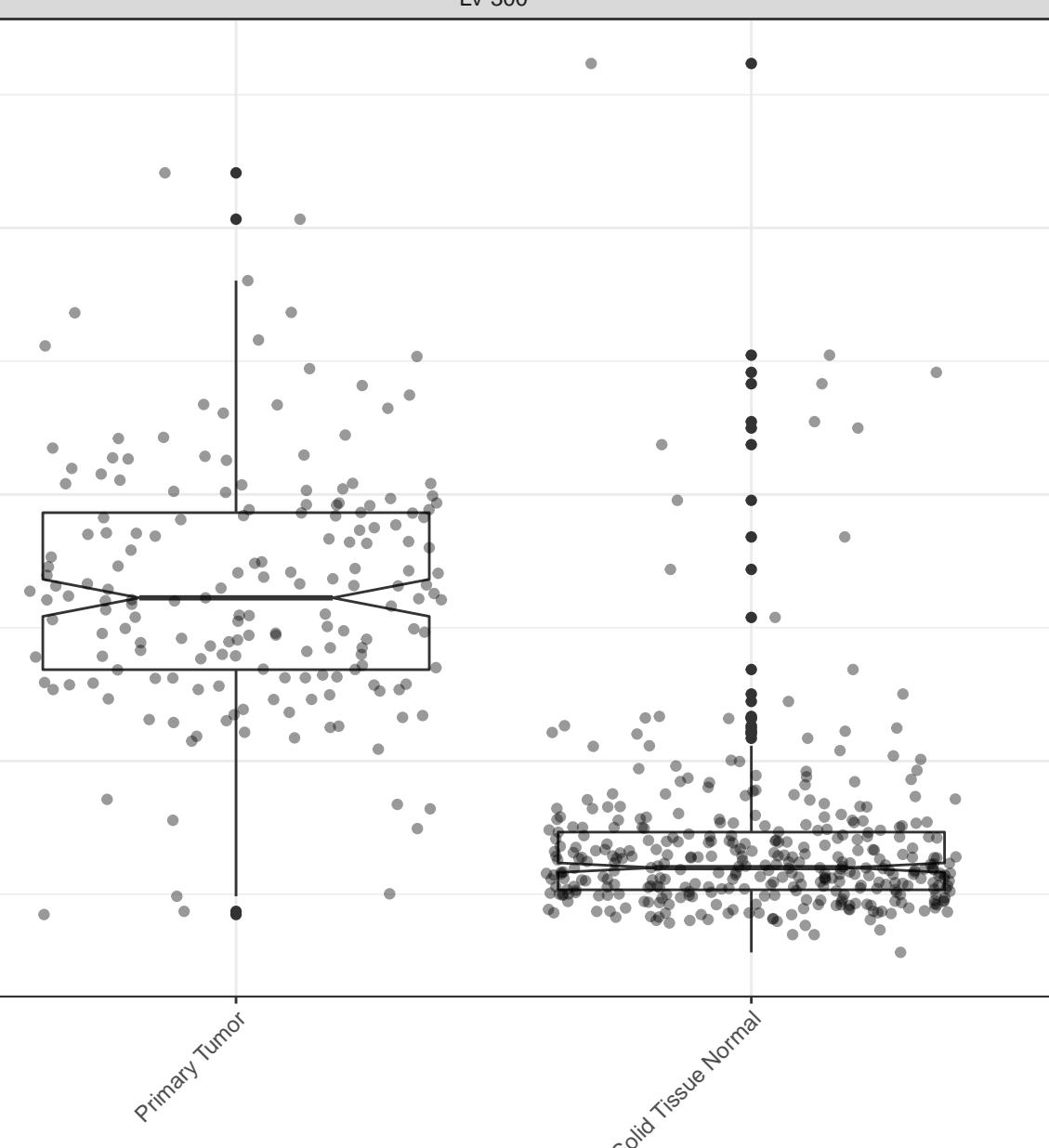
0.04

0.00

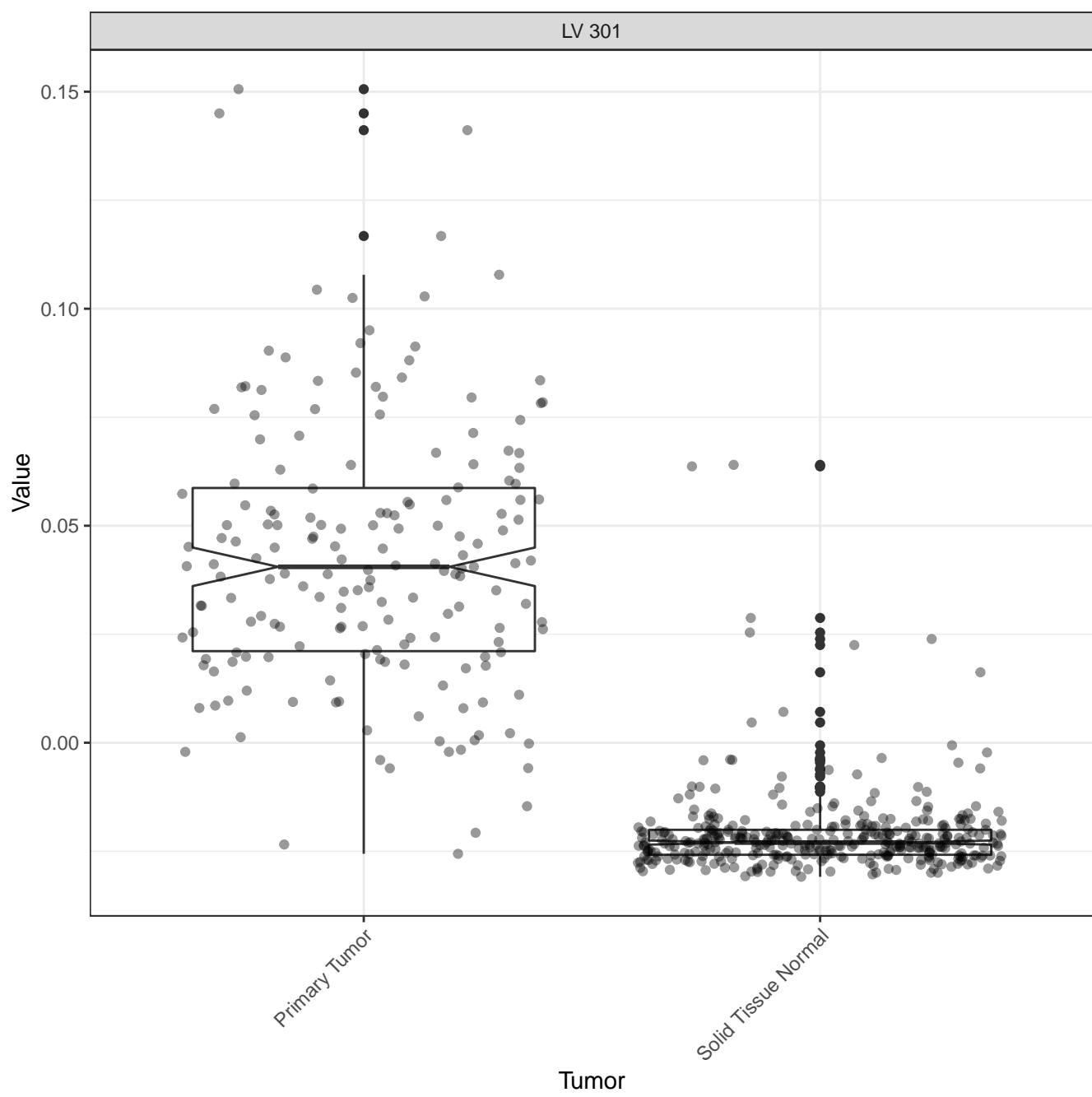
Primary Tumor

Solid Tissue Normal

Tumor



LV 301



LV 302

Value

0.09

0.06

0.03

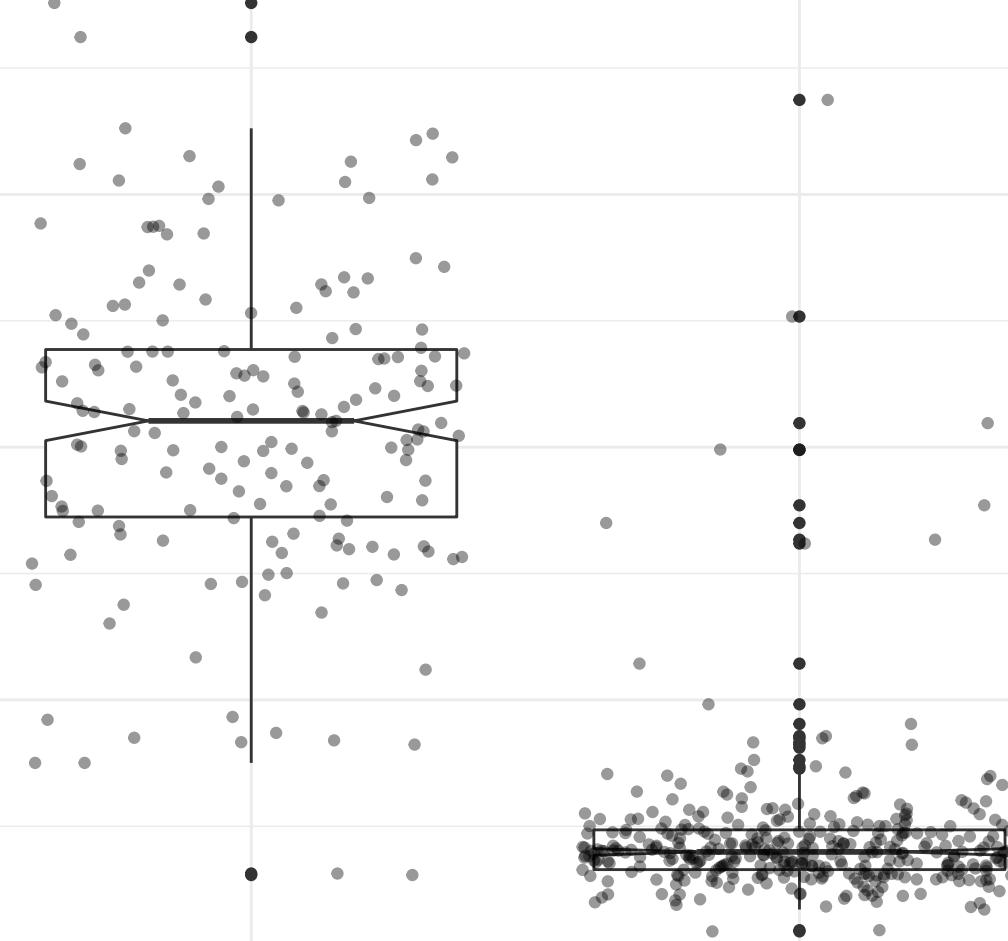
0.00

-0.03

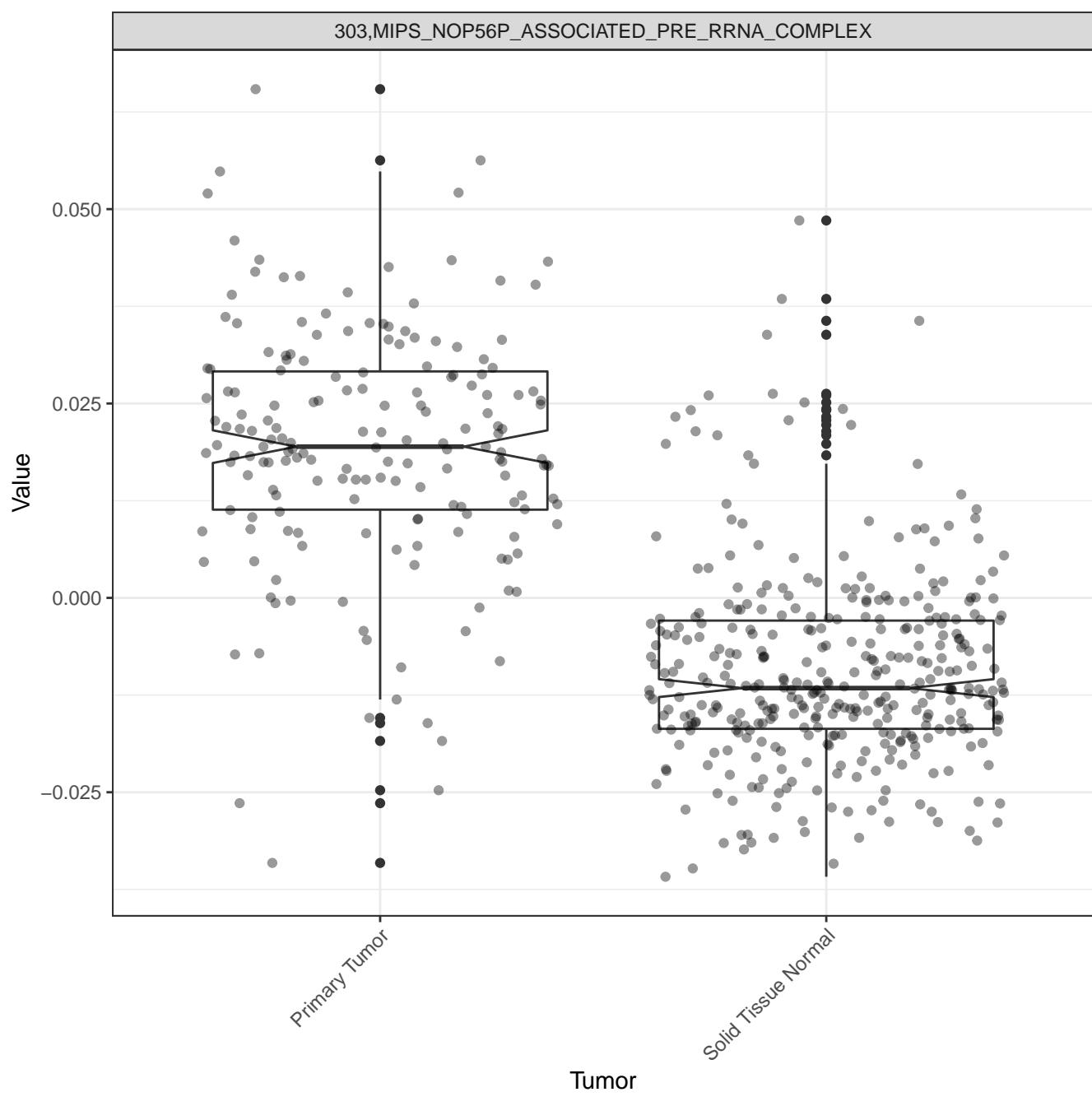
Primary Tumor

Solid Tissue Normal

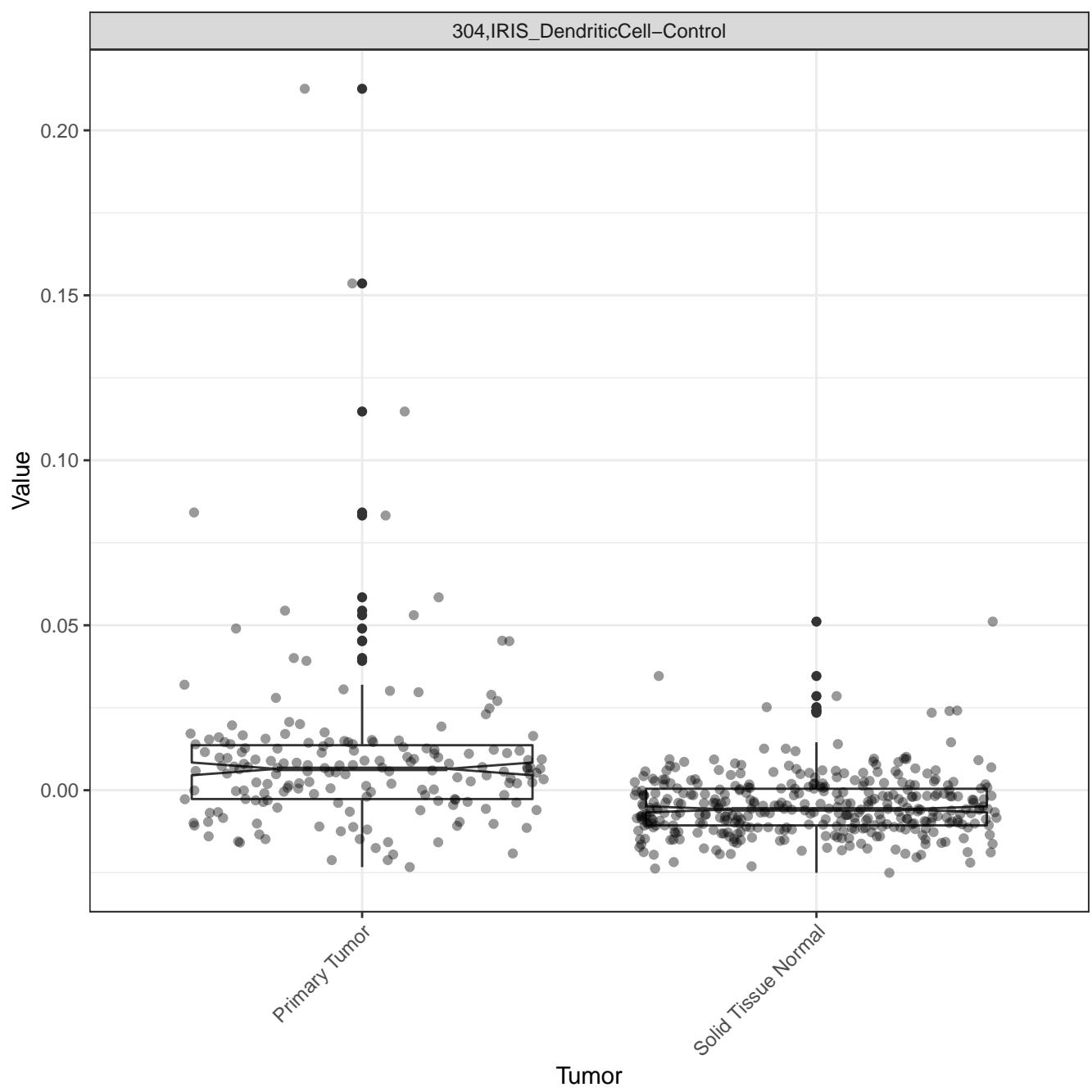
Tumor



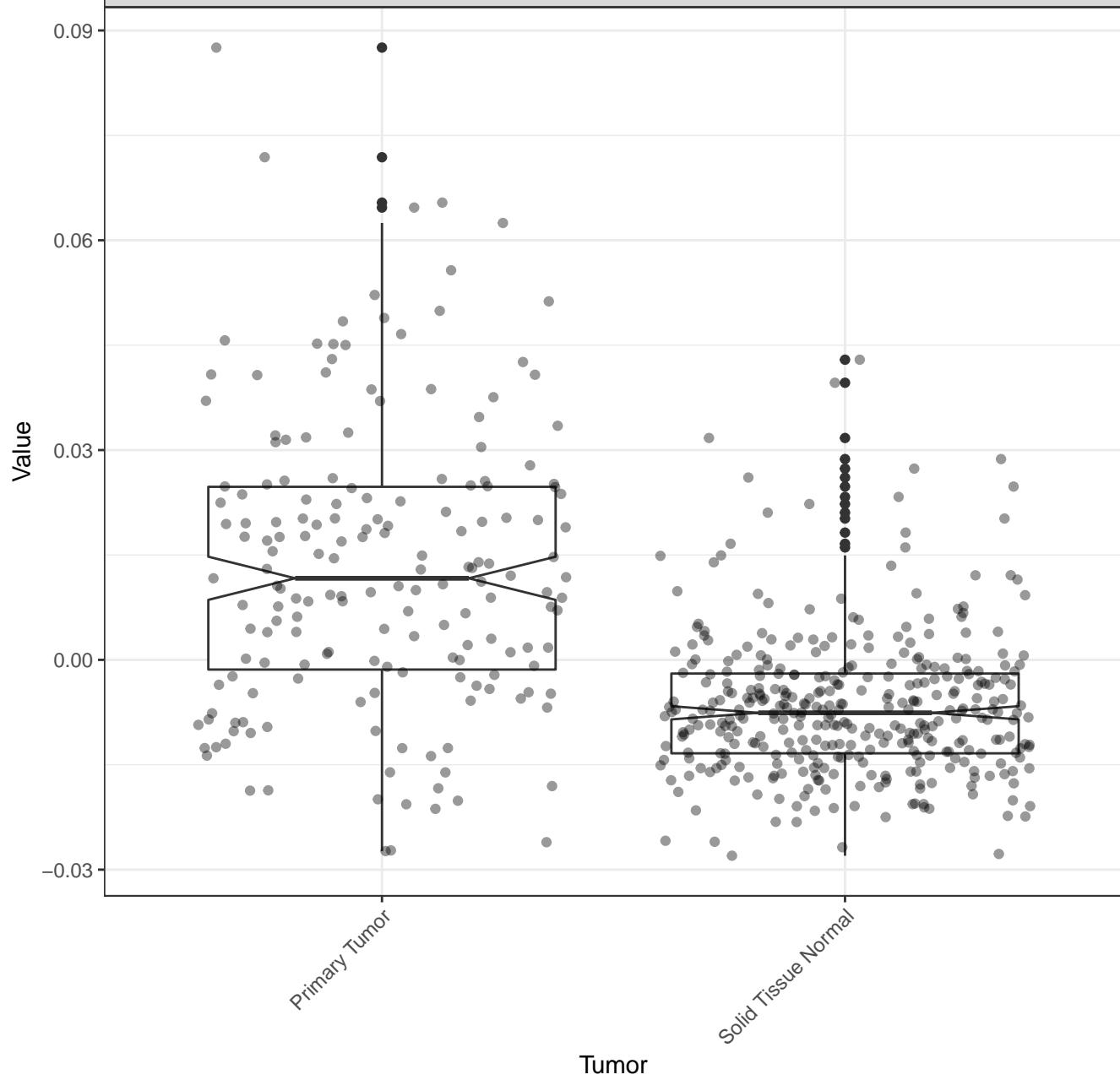
### 303,MIPS\_NOP56P\_ASSOCIATED\_PRE\_RRNA\_COMPLEX



## 304,IRIS\_DendriticCell-Control



### 305,REACTOME\_SIGNALING\_BY\_RHO\_GTPASES



Value

0.10

0.05

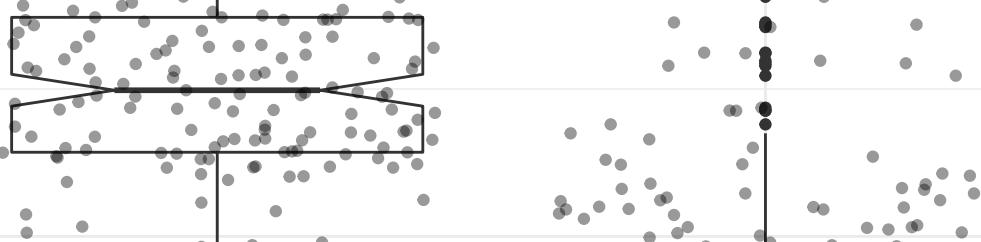
0.00

-0.05

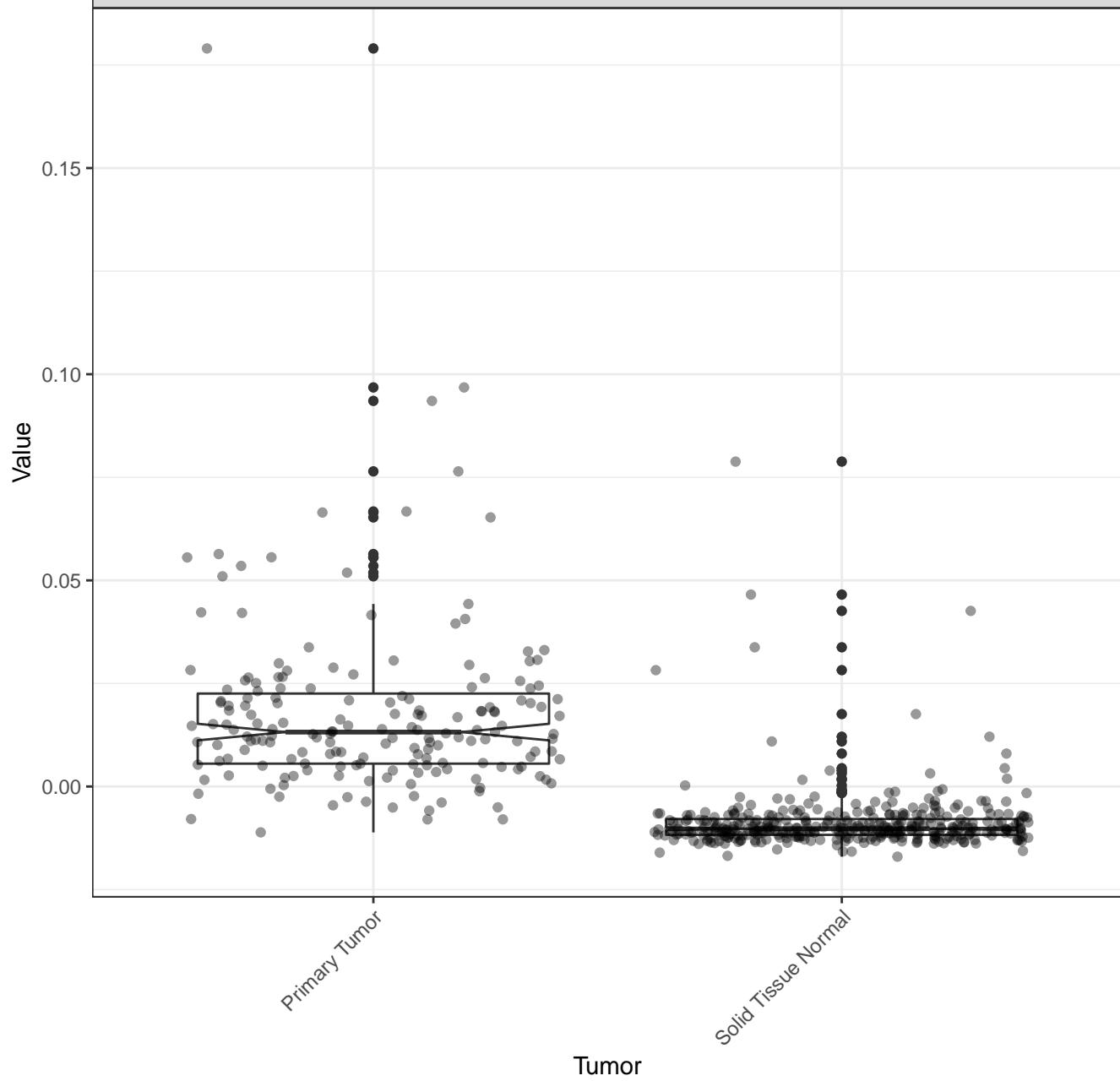
Primary Tumor

Solid Tissue Normal

Tumor



ME\_NEUROTRANSMITTER\_RECEPTOR\_BINDING\_AND\_DOWNSTREAM\_TRANSMISSION\_IN\_THE\_POSTSYN



Value

0.08

0.04

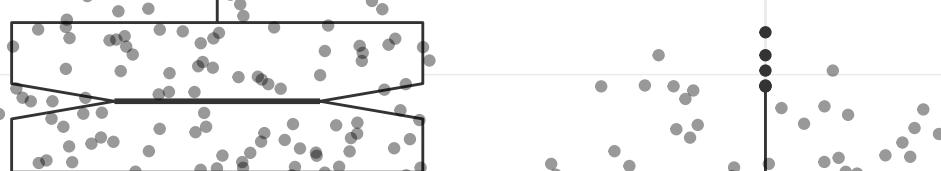
0.00

-0.04

Primary Tumor

Solid Tissue Normal

Tumor



LV 309

Value

0.15

0.10

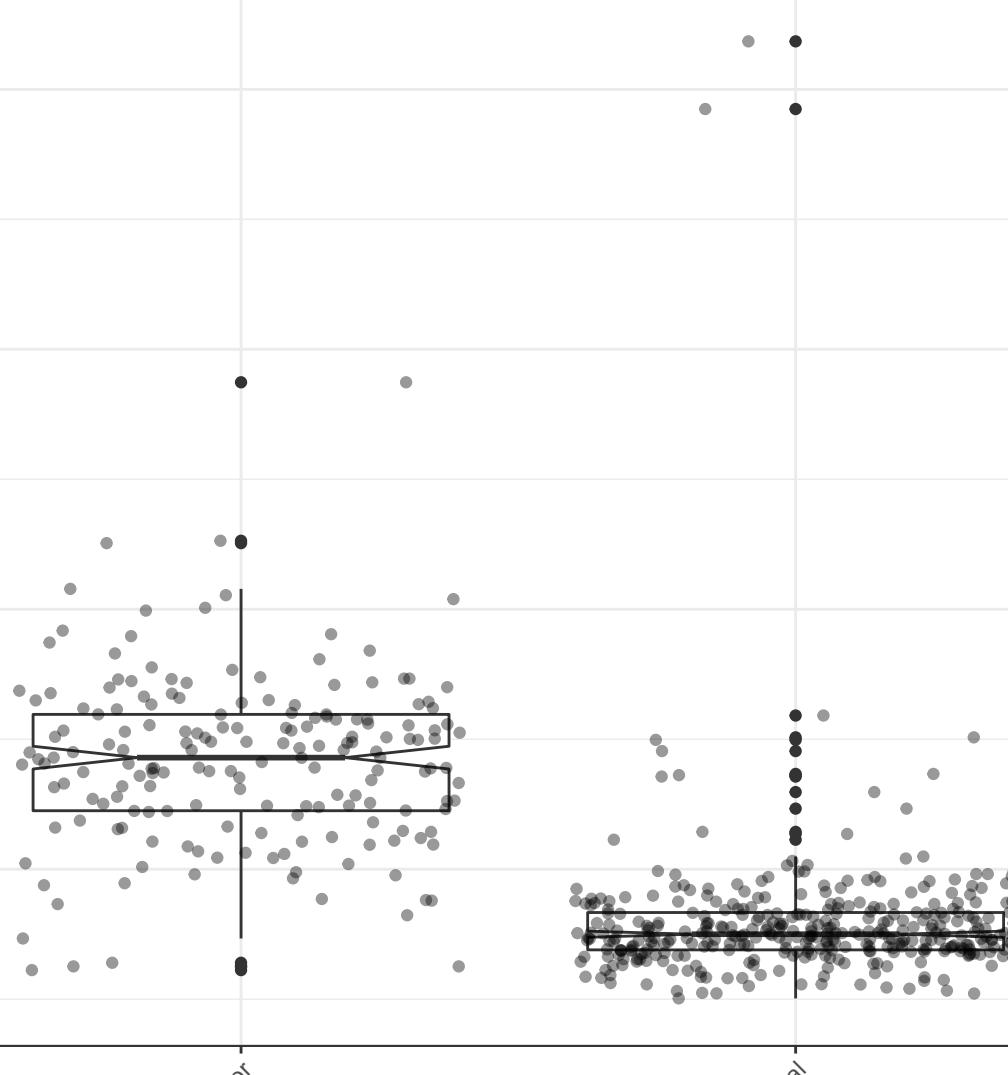
0.05

0.00

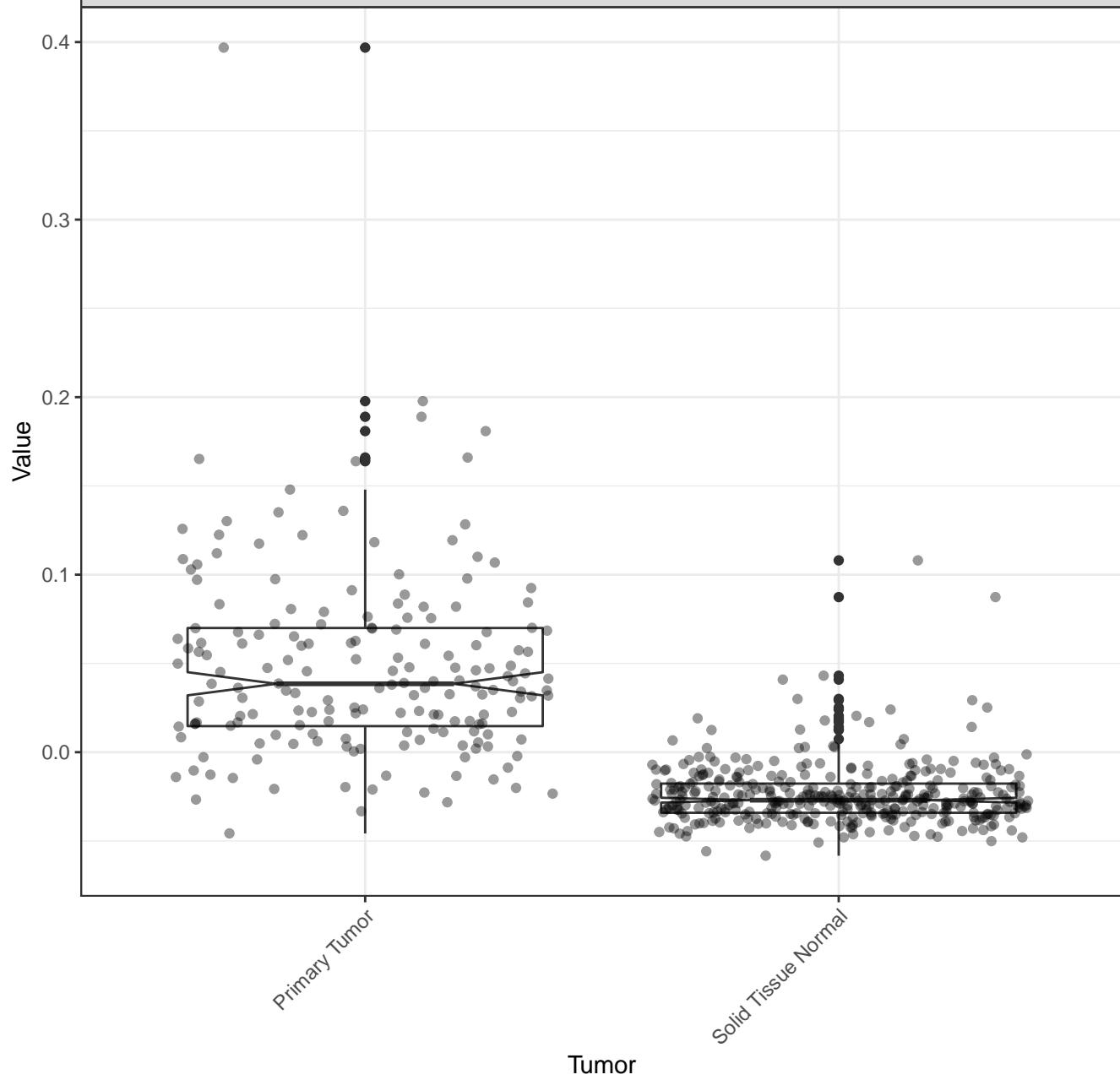
Primary Tumor

Solid Tissue Normal

Tumor



### 310,REACTOME\_DNA\_REPLICATION



### 311,REACTOME\_METABOLISM\_OF\_PROTEINS

Value

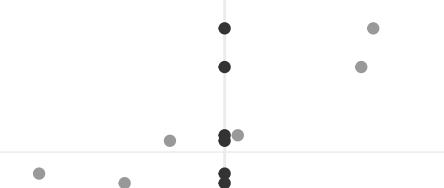
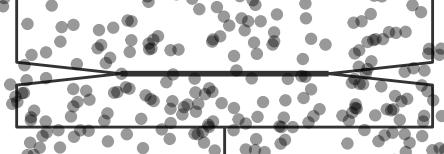
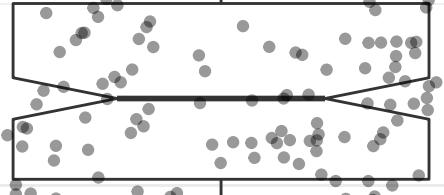
0.05

0.00

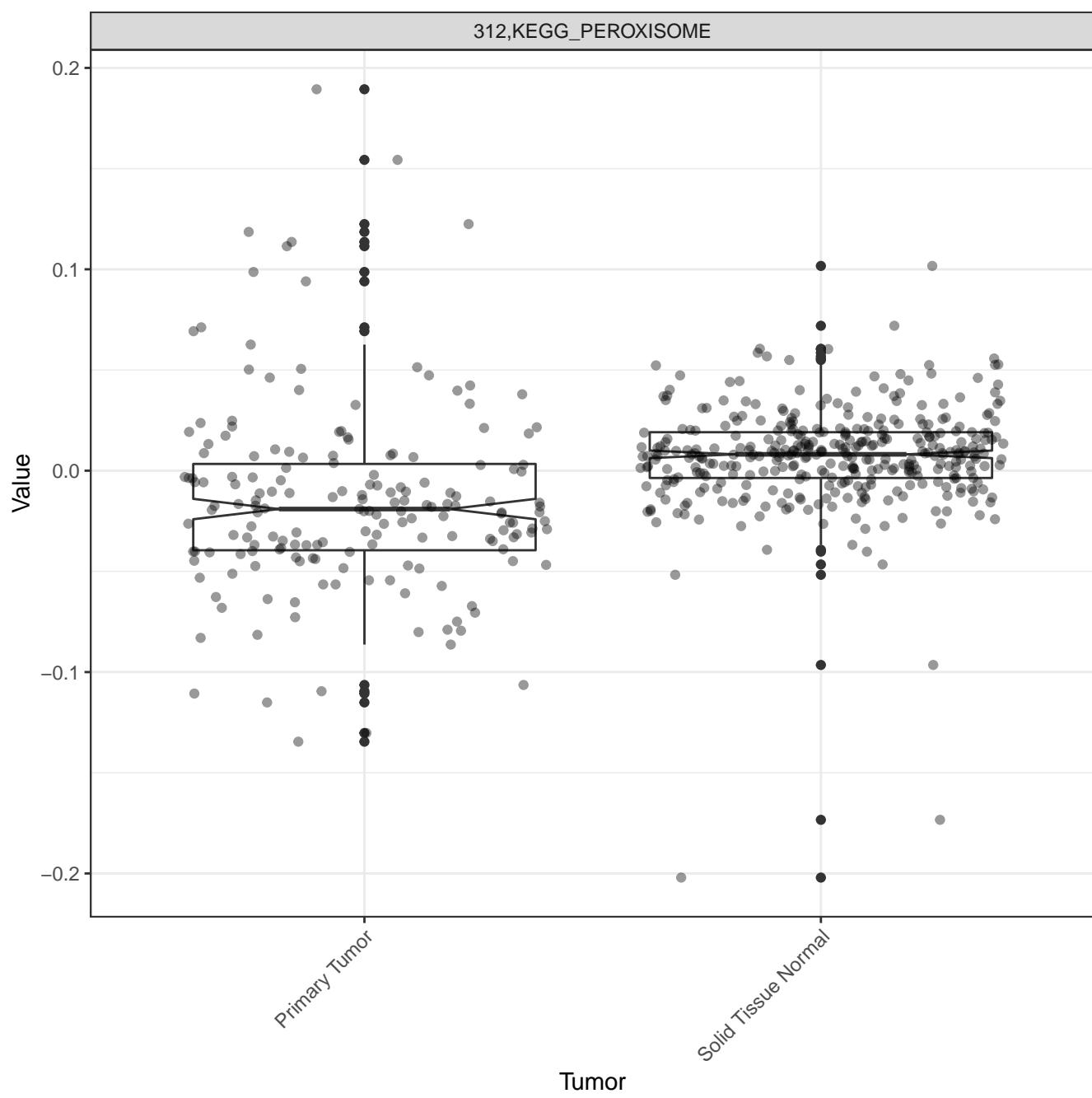
Primary Tumor

Solid Tissue Normal

Tumor



## 312,KEGG\_PEROXISOME



Value

0.15

0.10

0.05

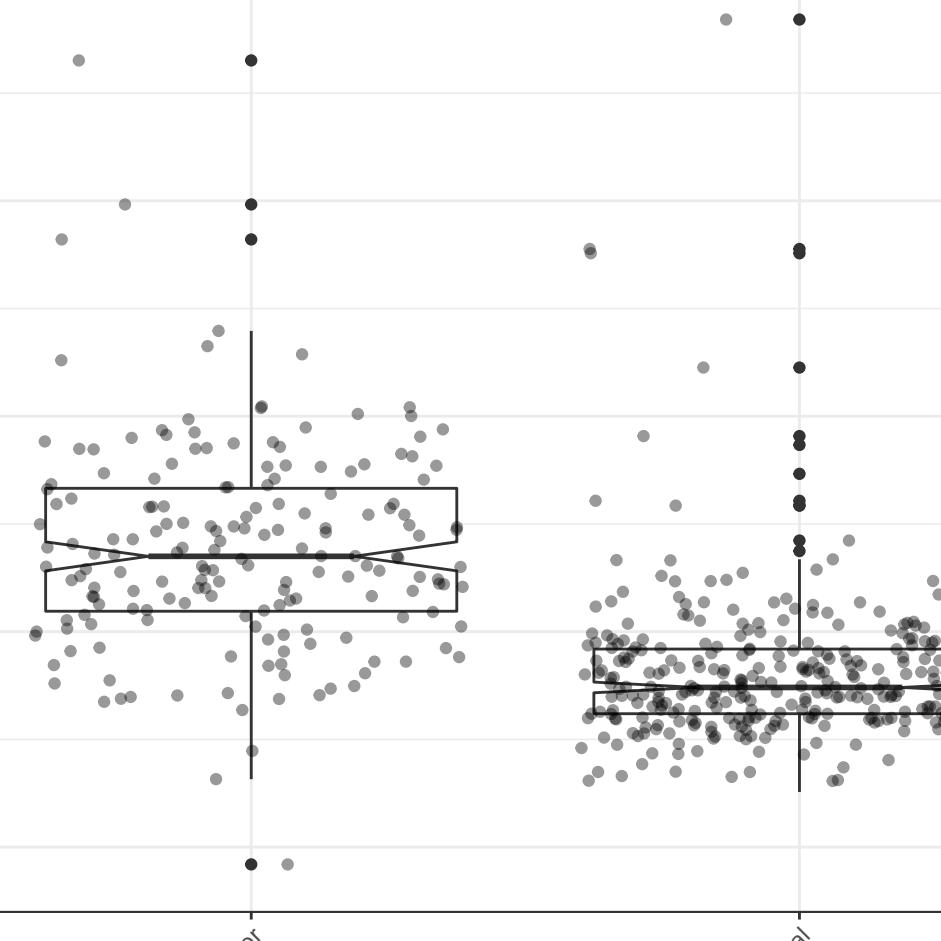
0.00

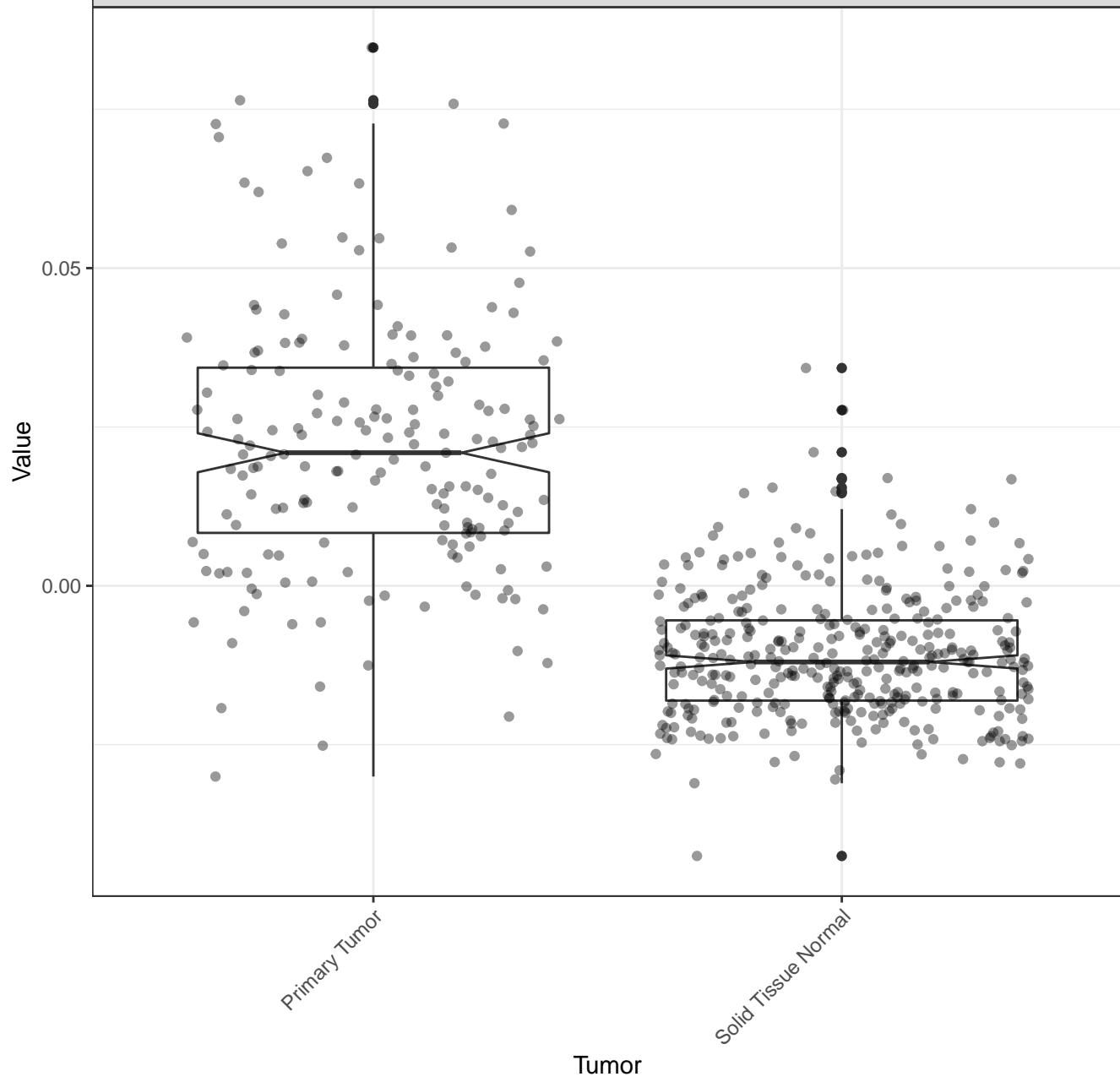
-0.05

Primary Tumor

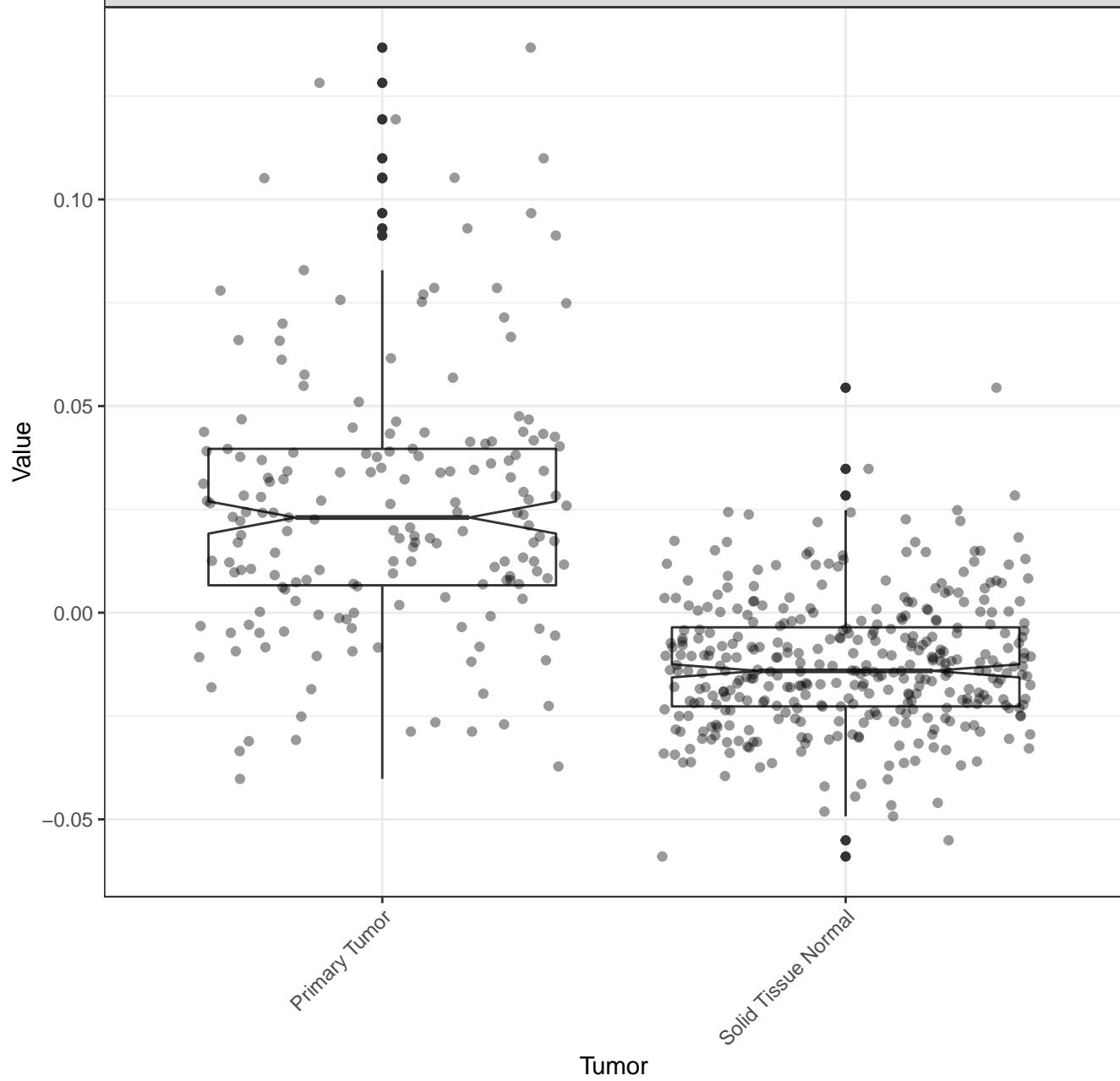
Solid Tissue Normal

Tumor



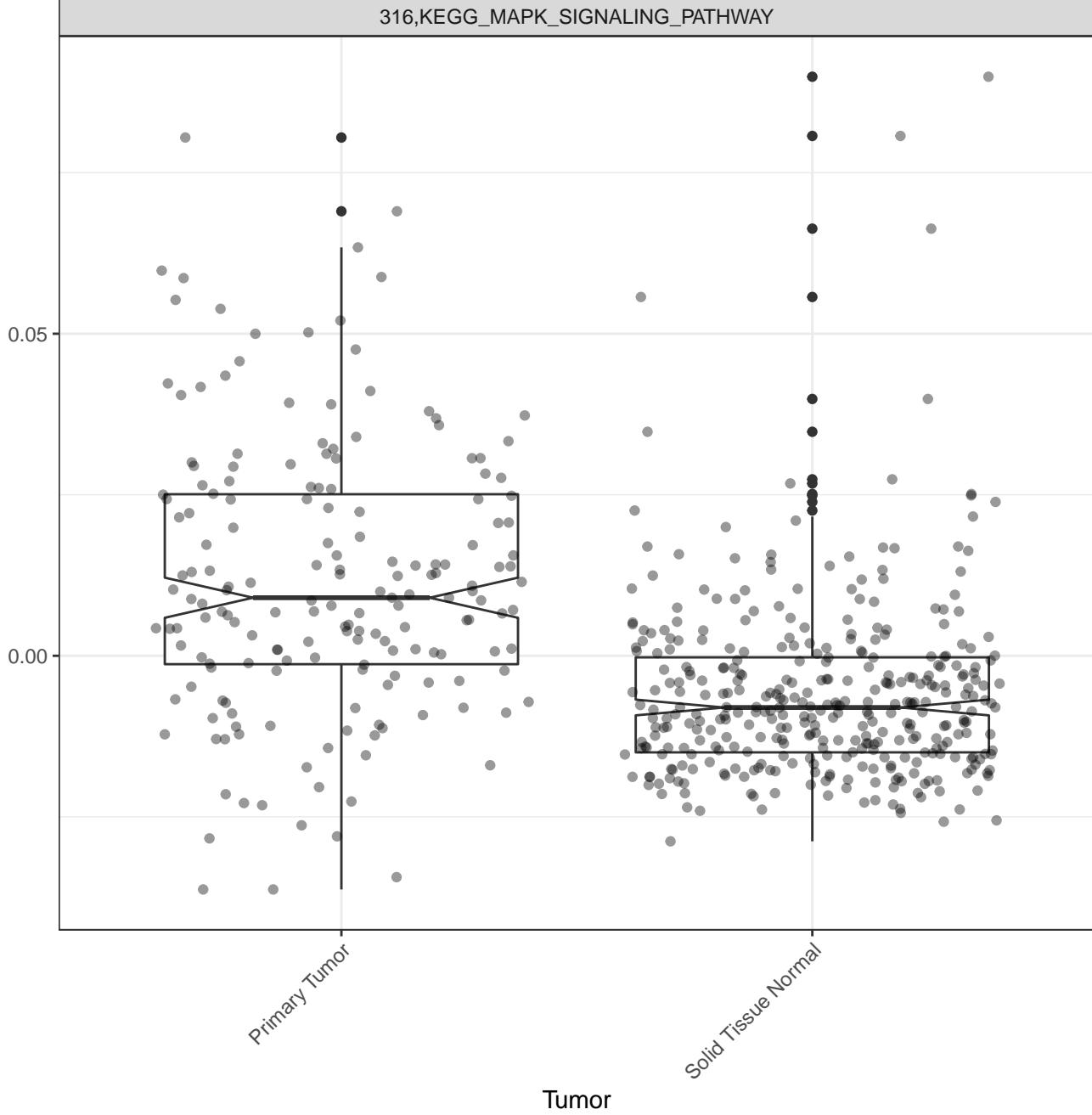


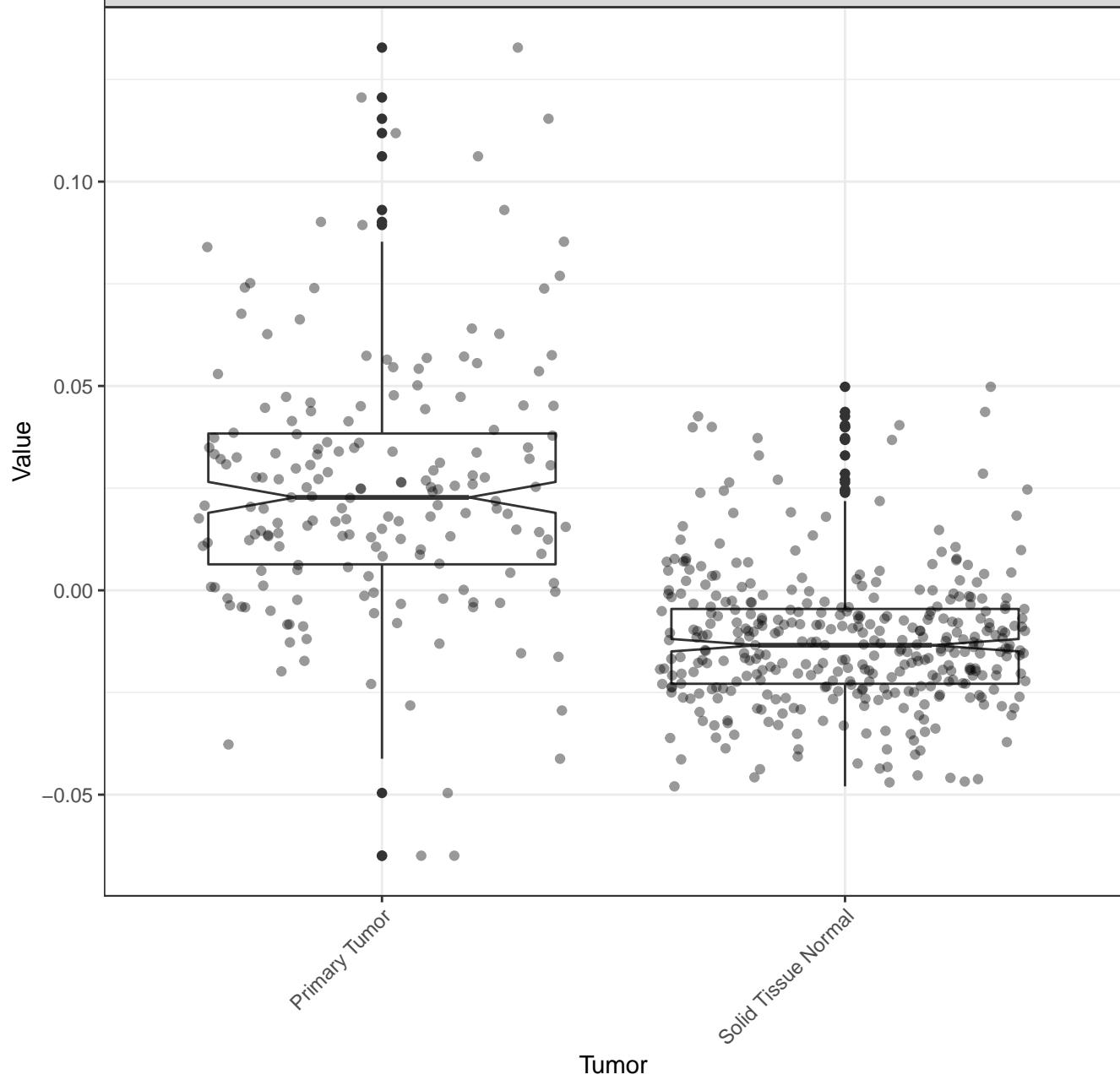
## 315,REACTOME\_POST\_TRANSLATIONAL\_PROTEIN\_MODIFICATION



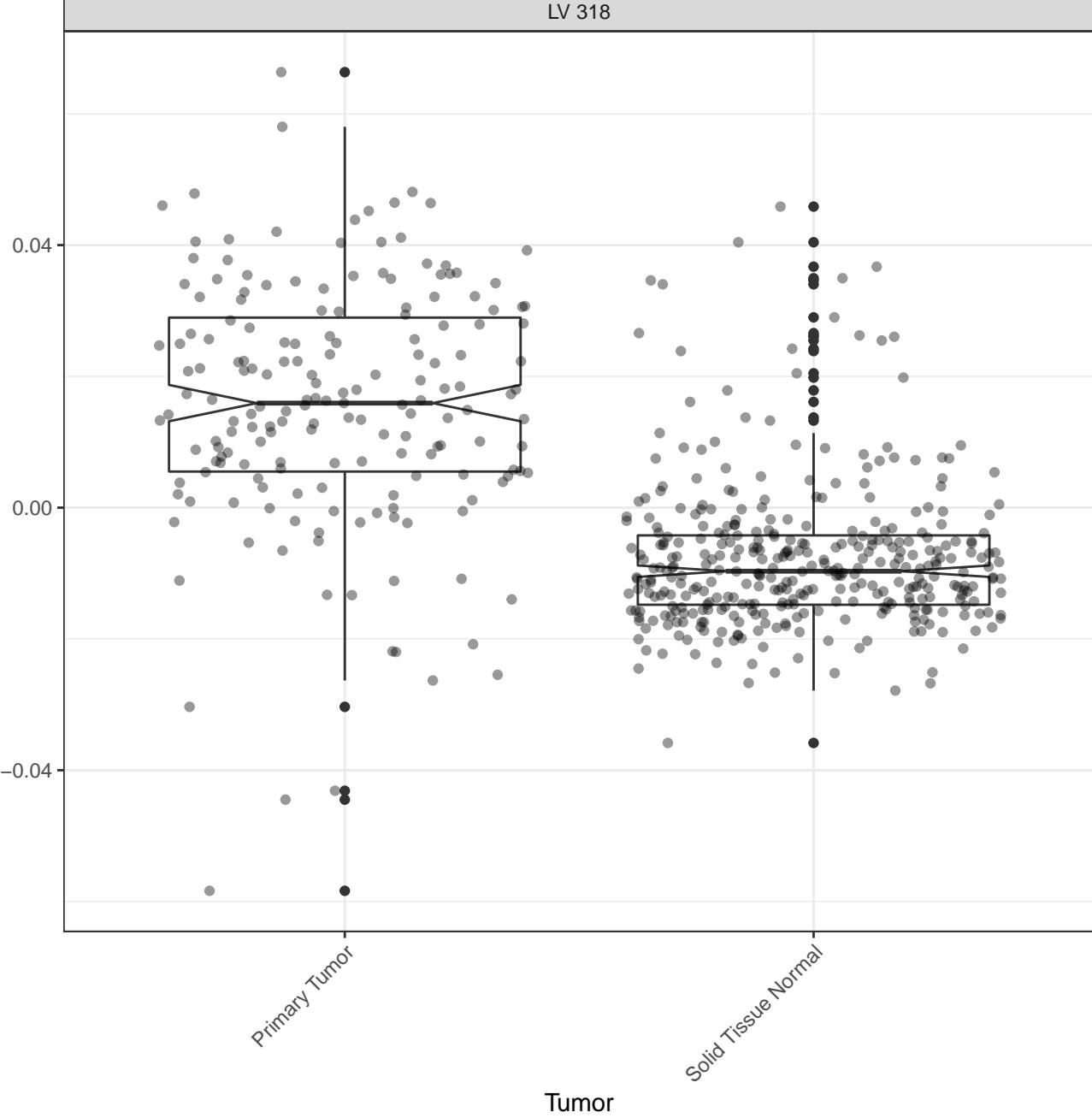
## 316,KEGG\_MAPK\_SIGNALING\_PATHWAY

Value



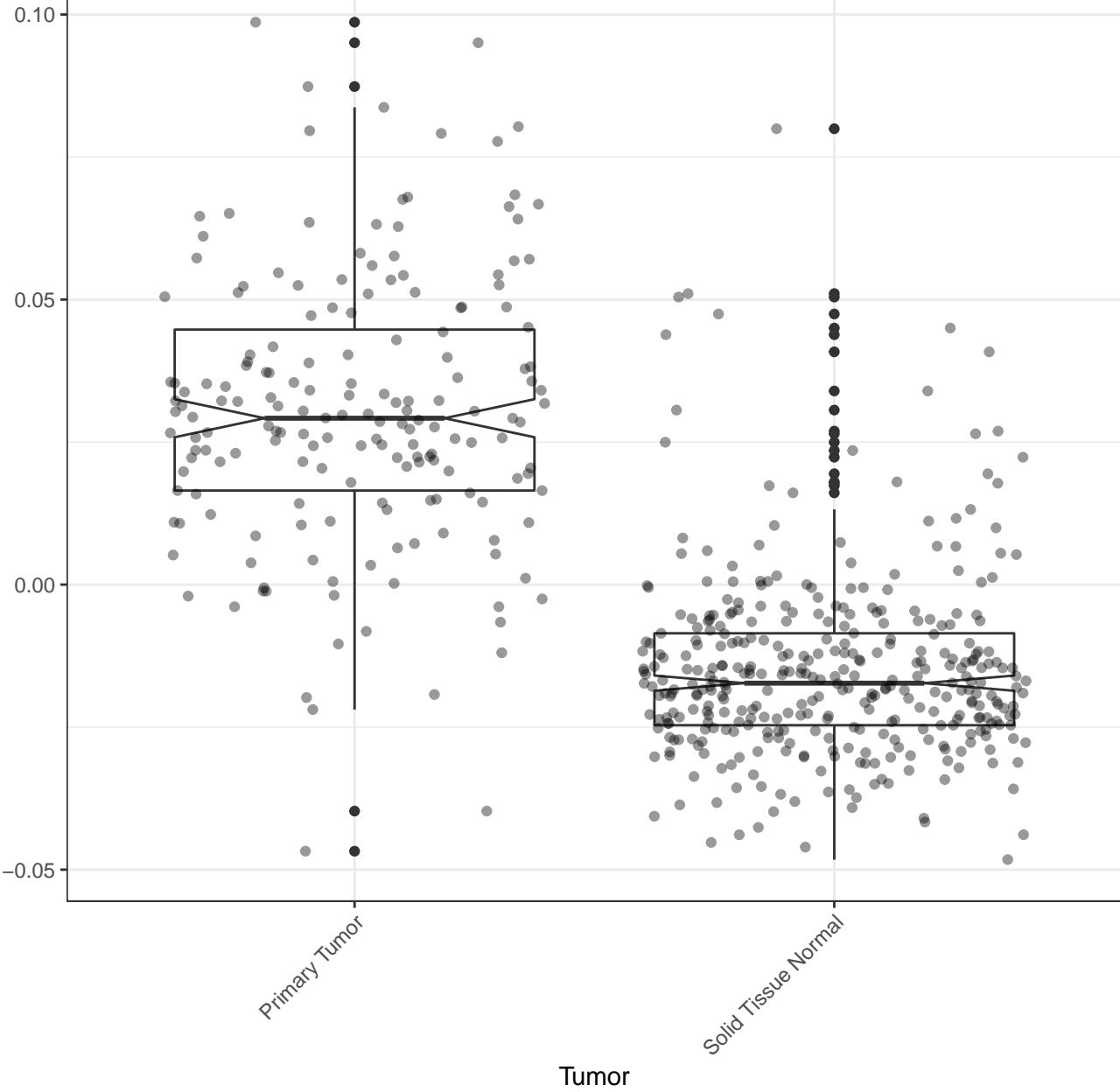


Value



LV 319

Value



## 320,REACTOME\_METABOLISM\_OF\_MRNA

Value

0.10

0.05

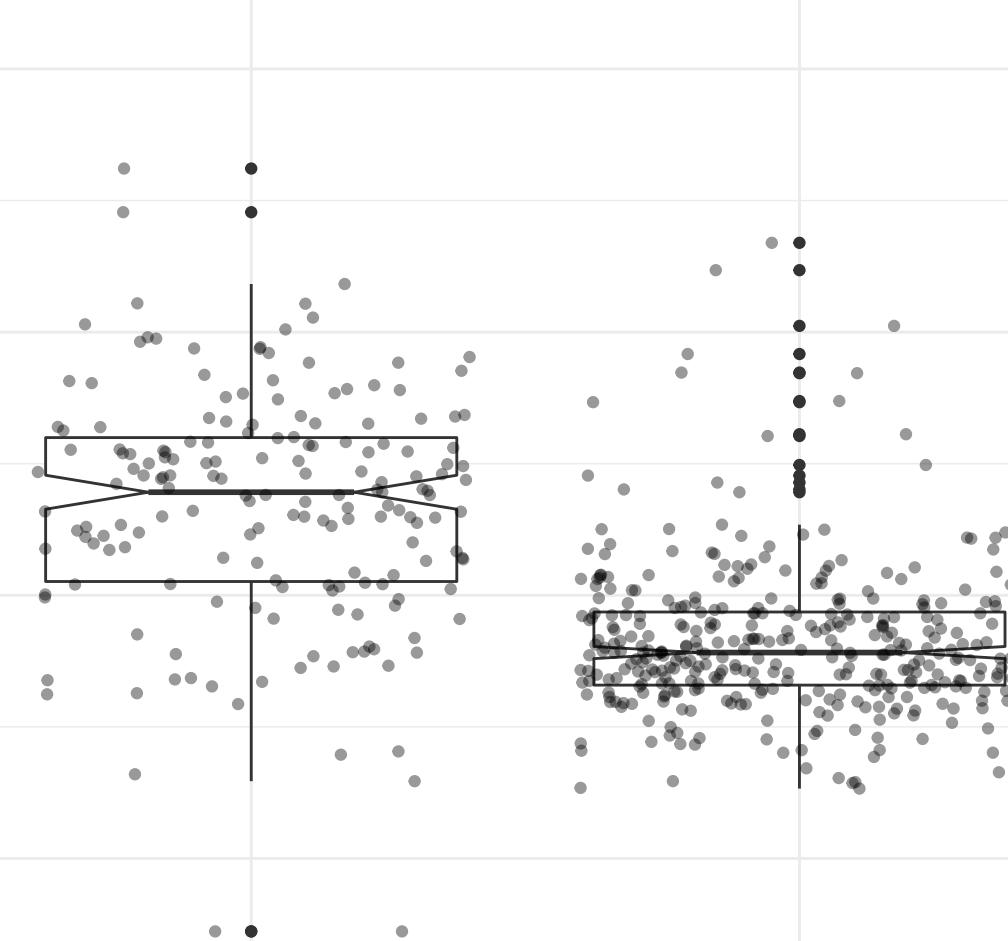
0.00

-0.05

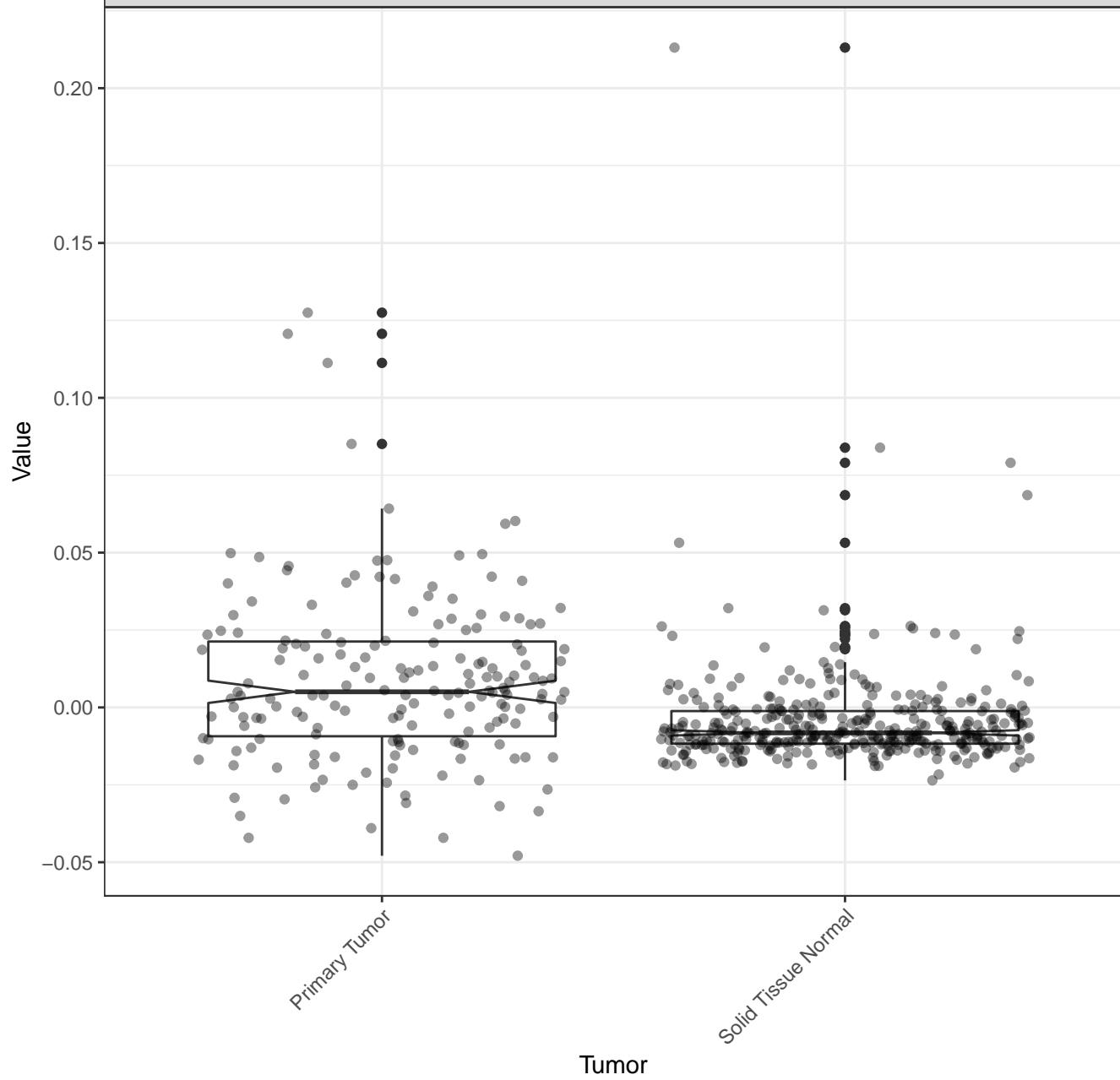
Primary Tumor

Solid Tissue Normal

Tumor



### 321,KEGG\_VASCULAR\_SMOOTH\_MUSCLE\_CONTRACTION



Value

0.06

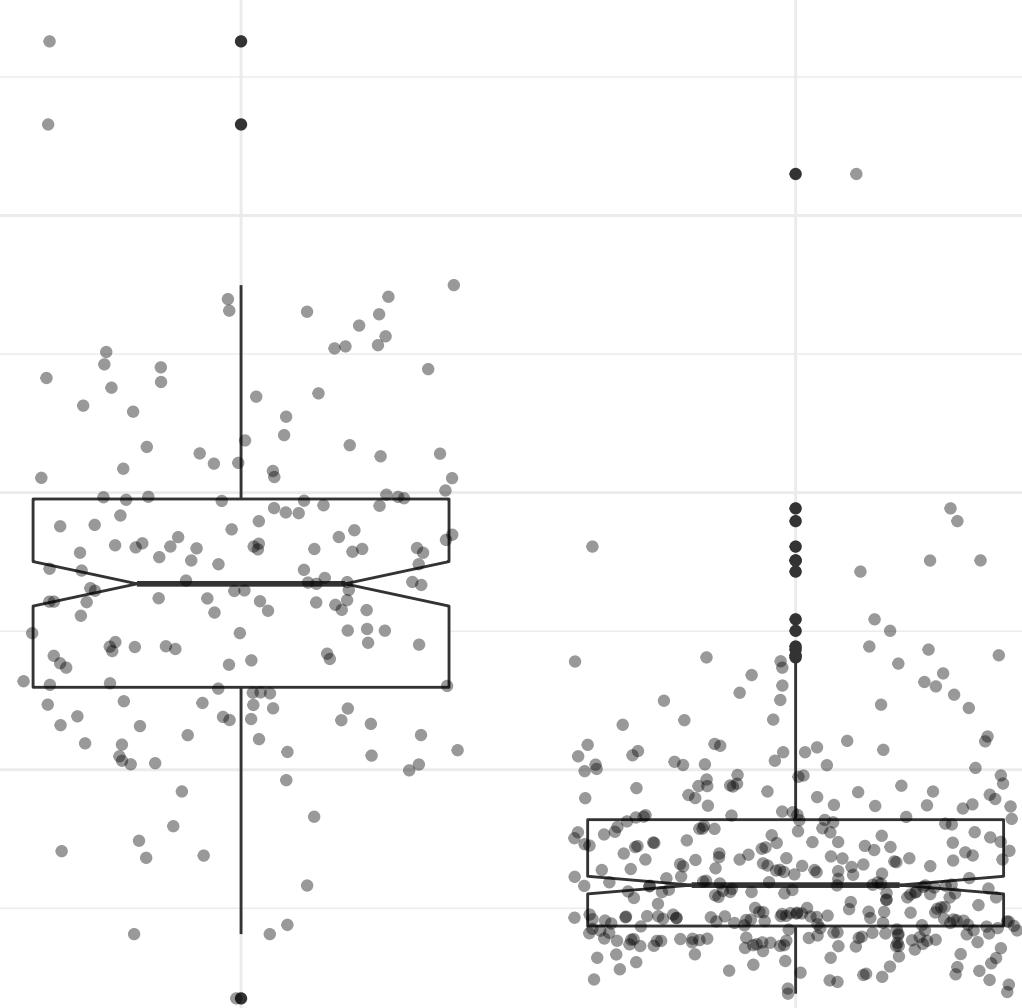
0.03

0.00

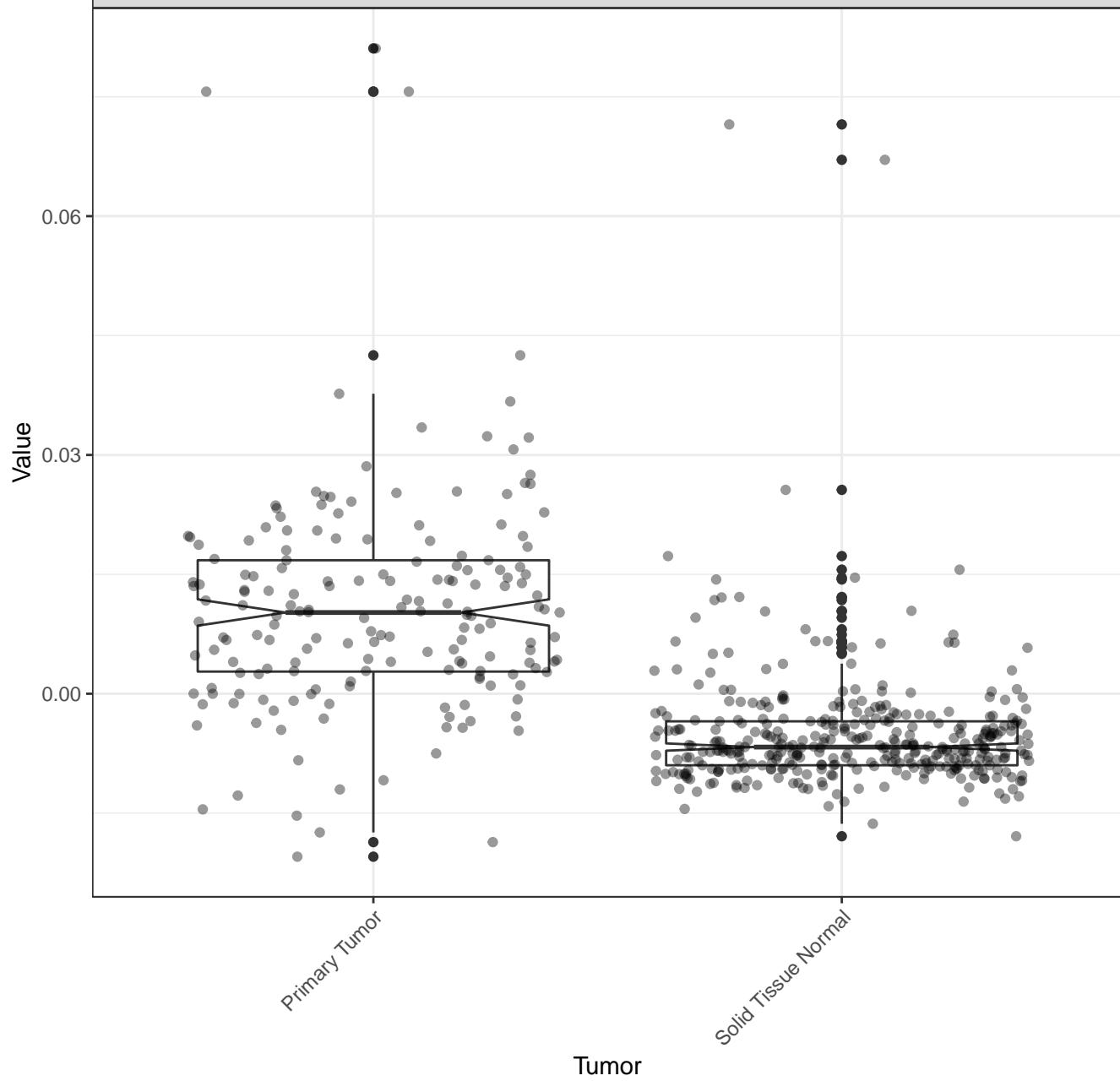
Primary Tumor

Solid Tissue Normal

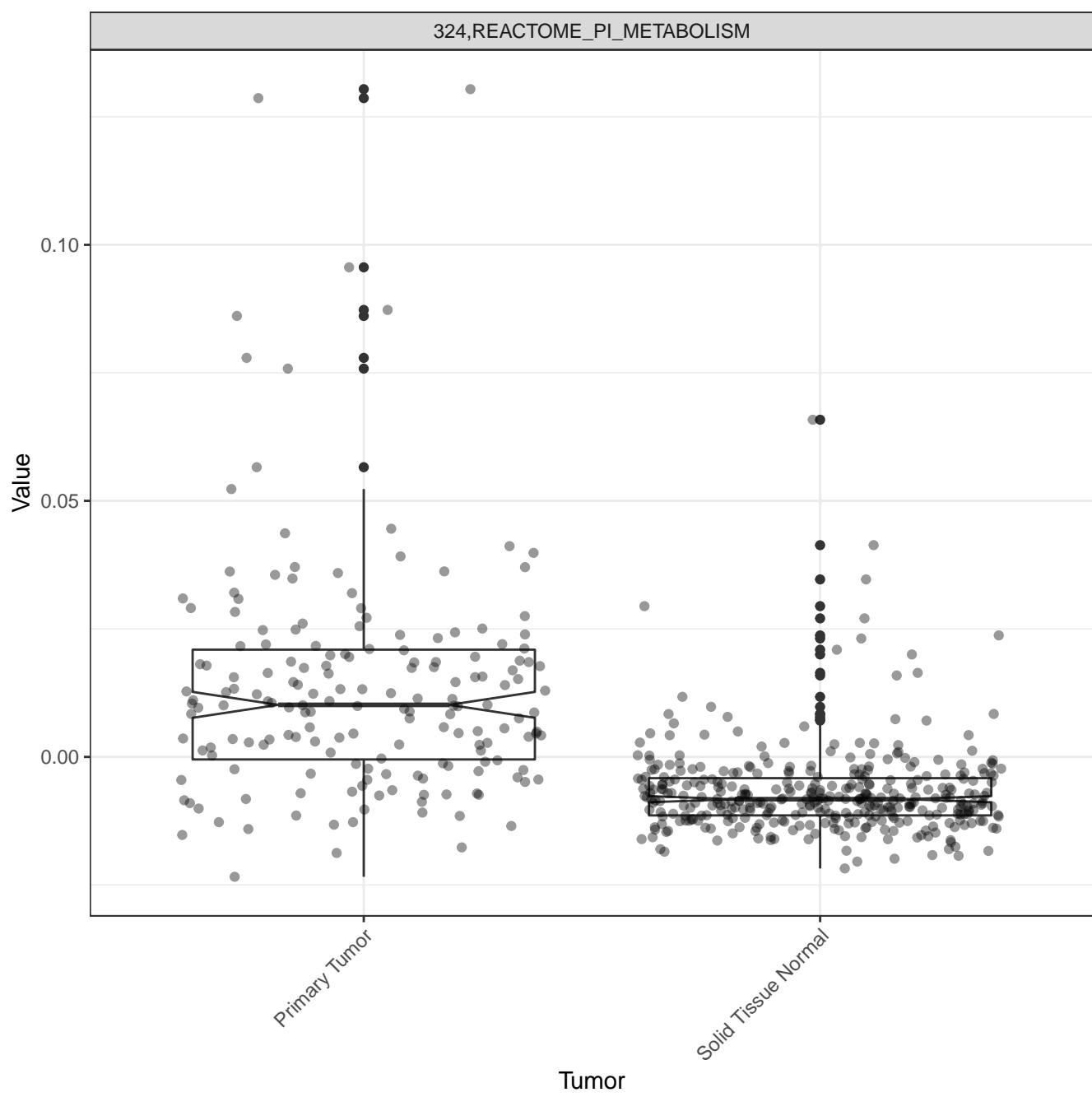
Tumor



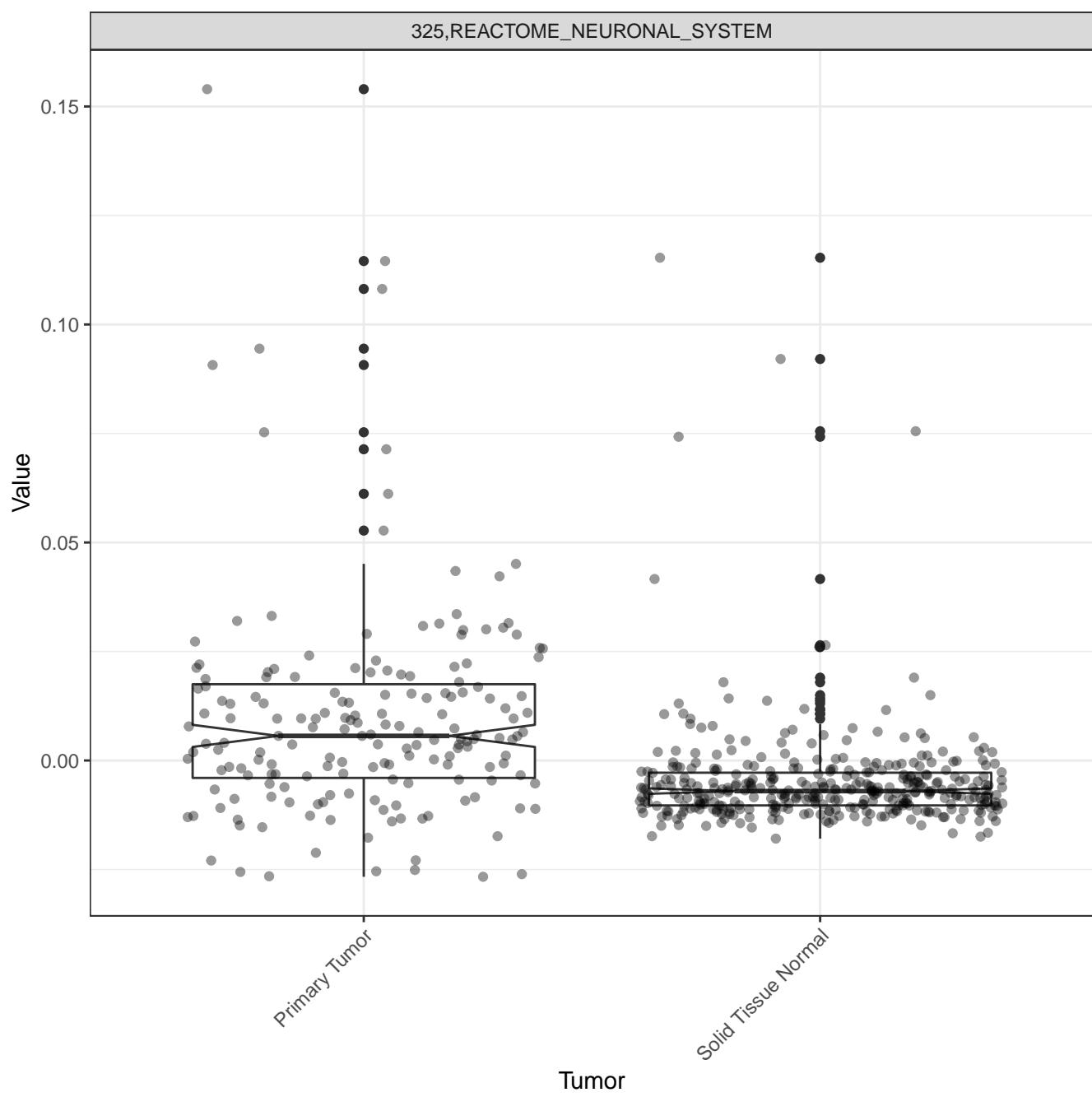
## 323,KEGG\_LYSOSOME



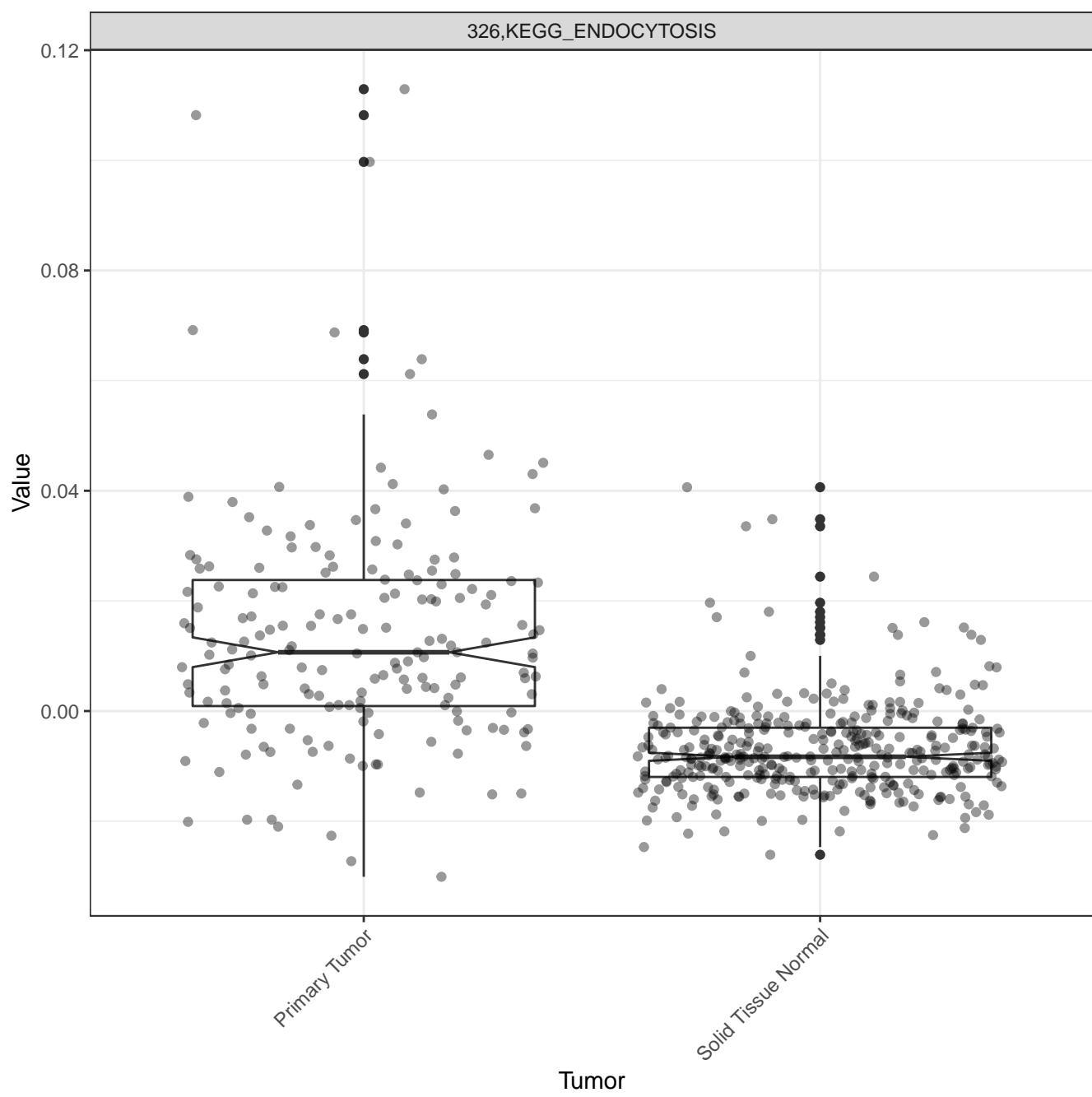
## 324,REACTOME\_PI\_METABOLISM



325,REACTOME\_NEURONAL\_SYSTEM



## 326,KEGG-ENDOCYTOSIS



Value

0.08

0.04

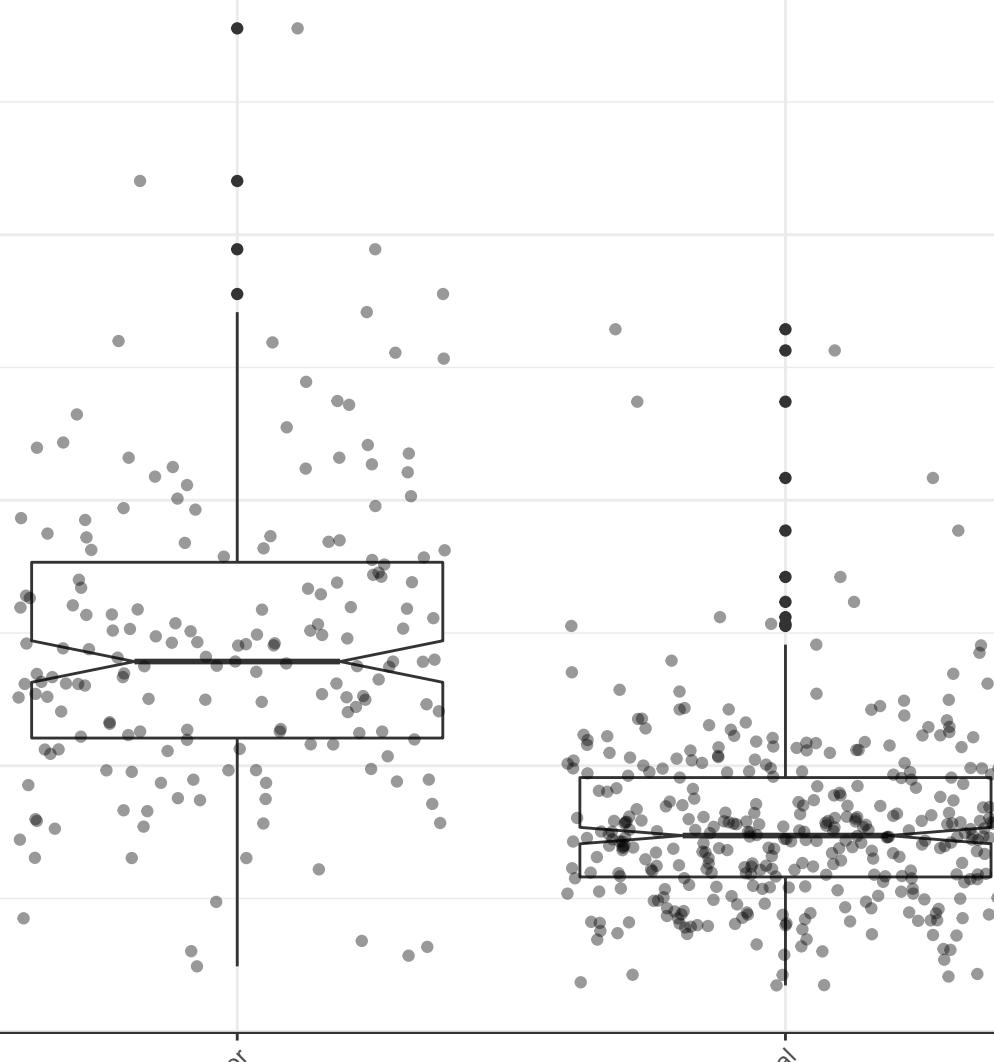
0.00

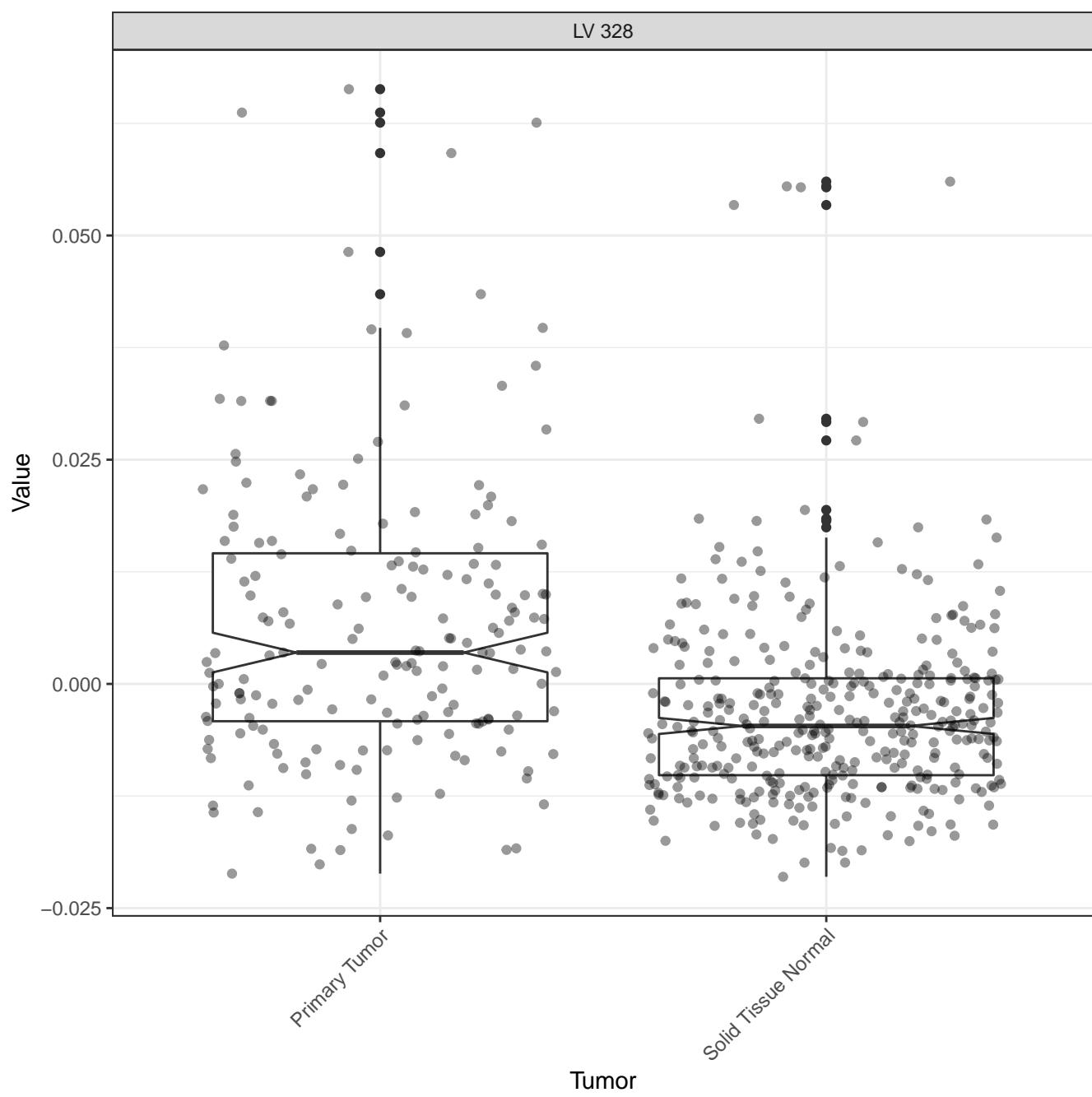
-0.04

Primary Tumor

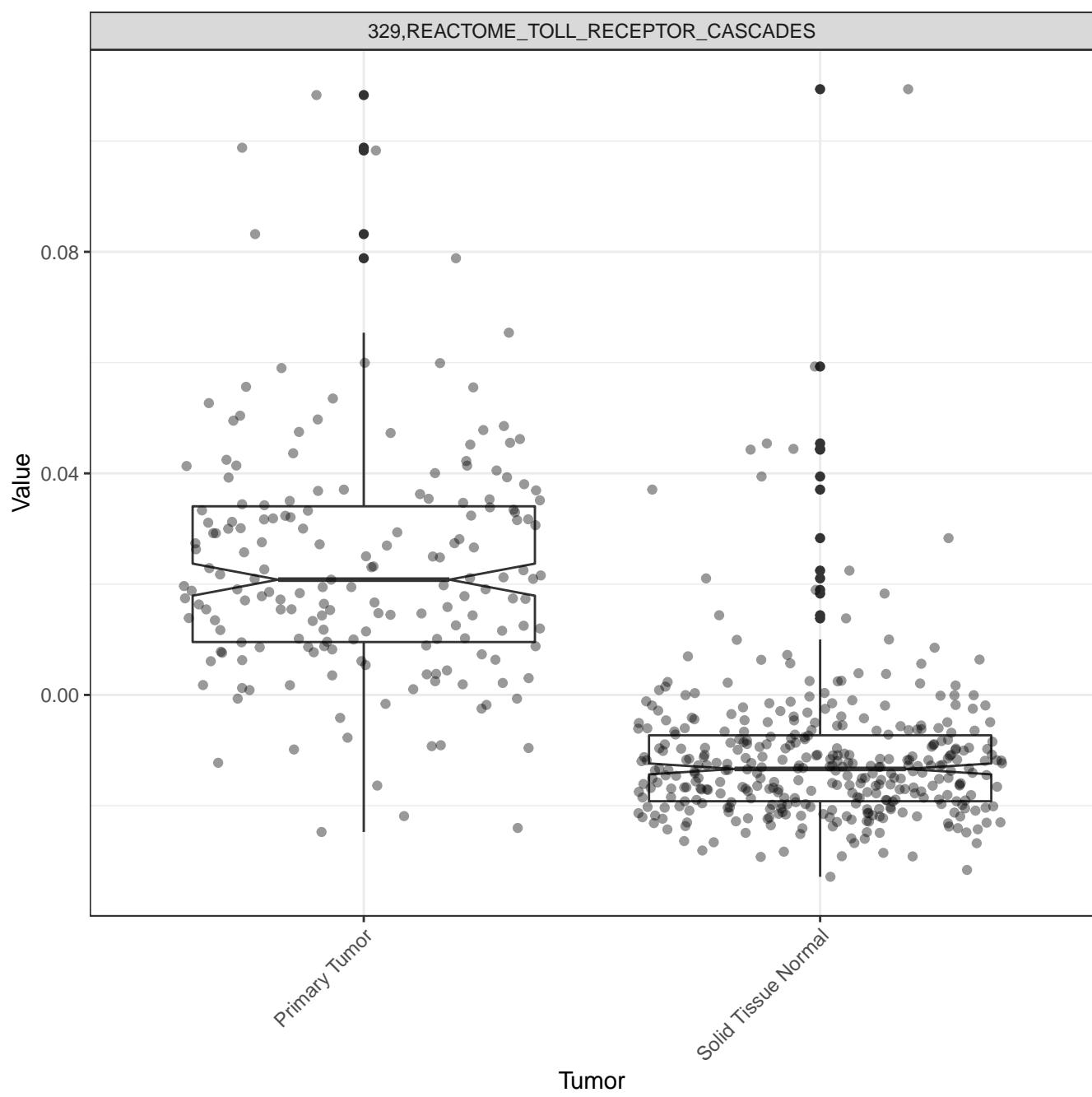
Solid Tissue Normal

Tumor

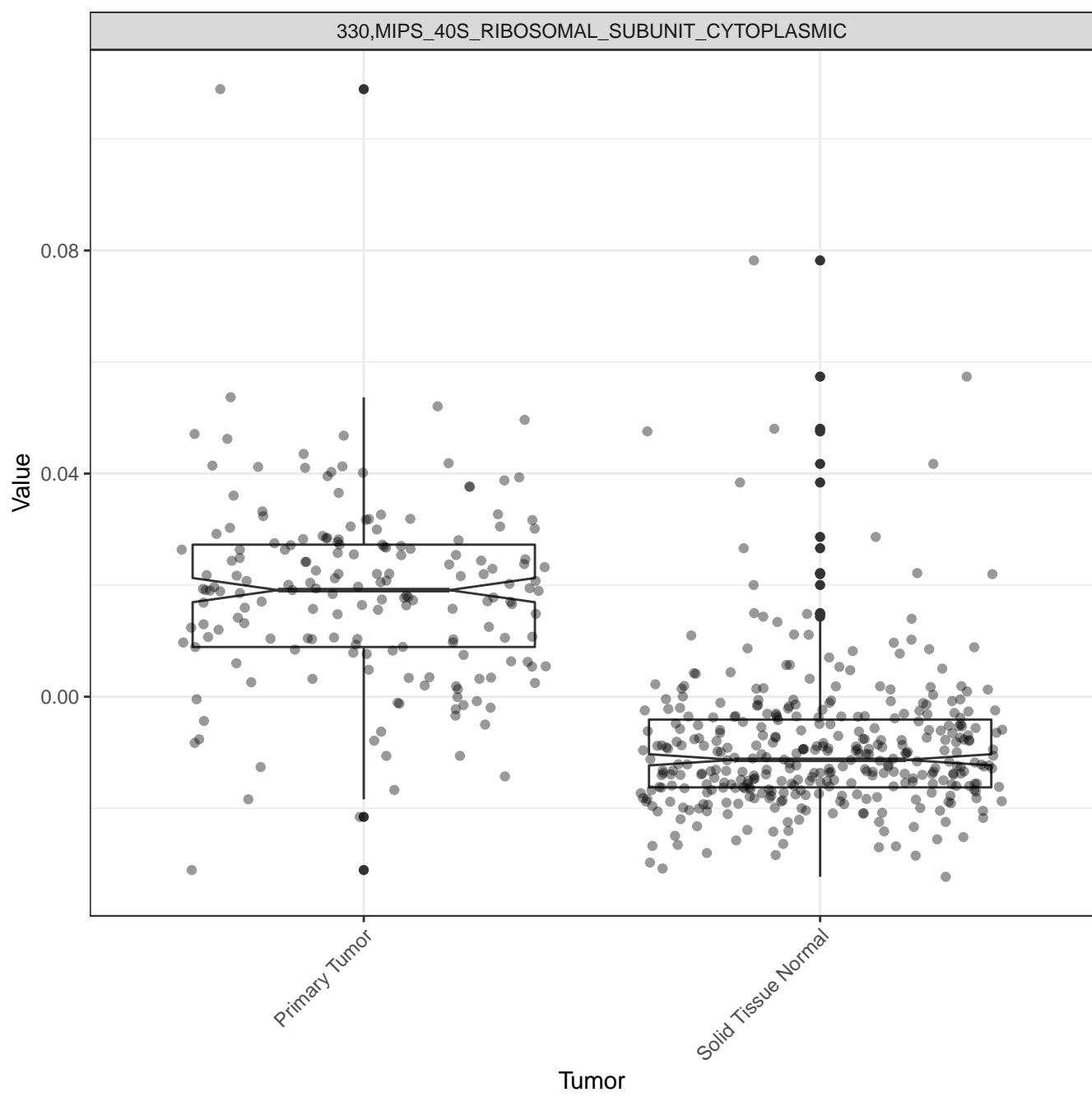




## 329,REACTOME\_TOLL\_RECEPтор\_CASCADES



330,MIPS\_40S\_RIBOSOMAL\_SUBUNIT\_CYTOPLASMIC



## 331,DMAP\_ERY3

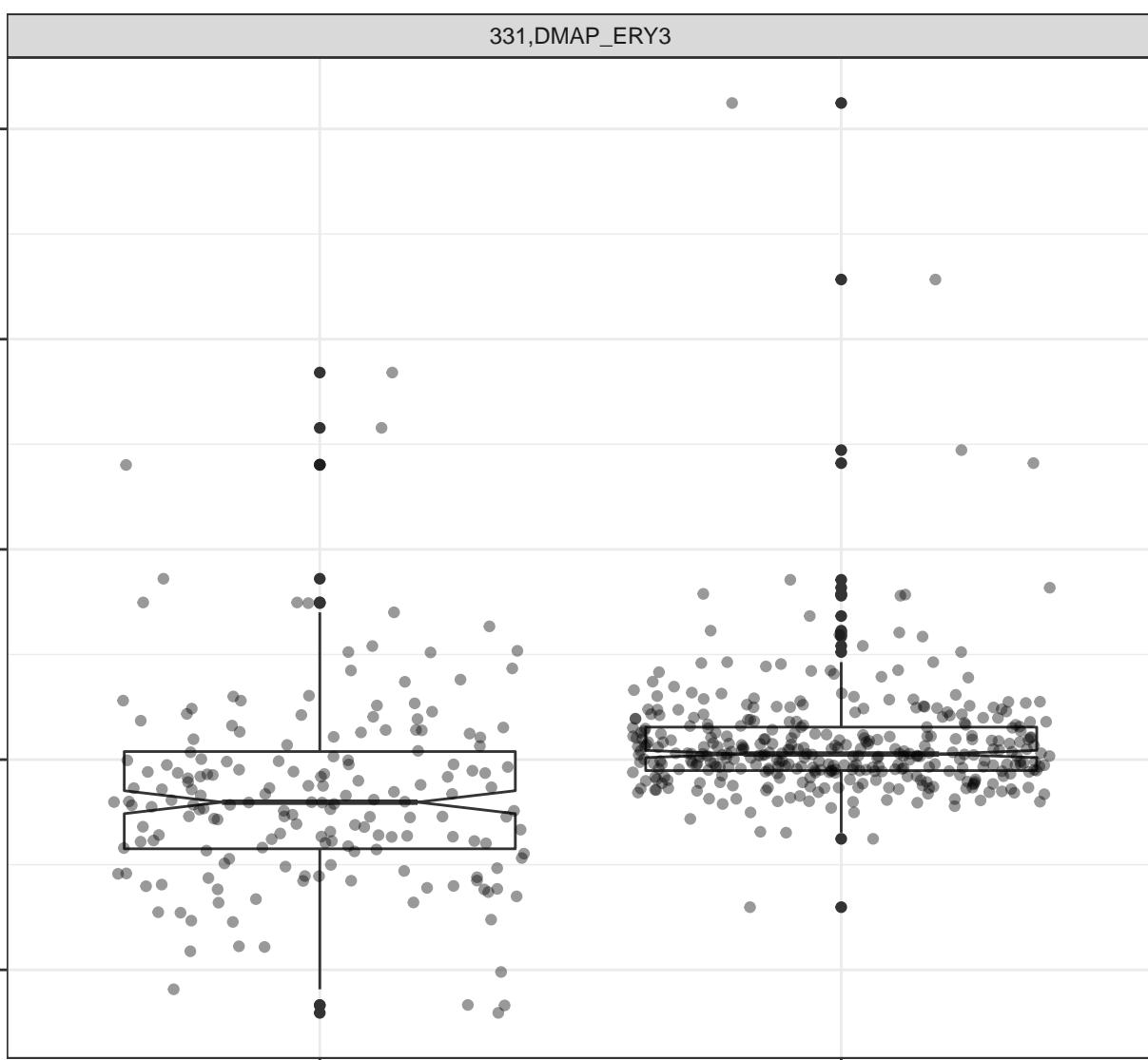
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

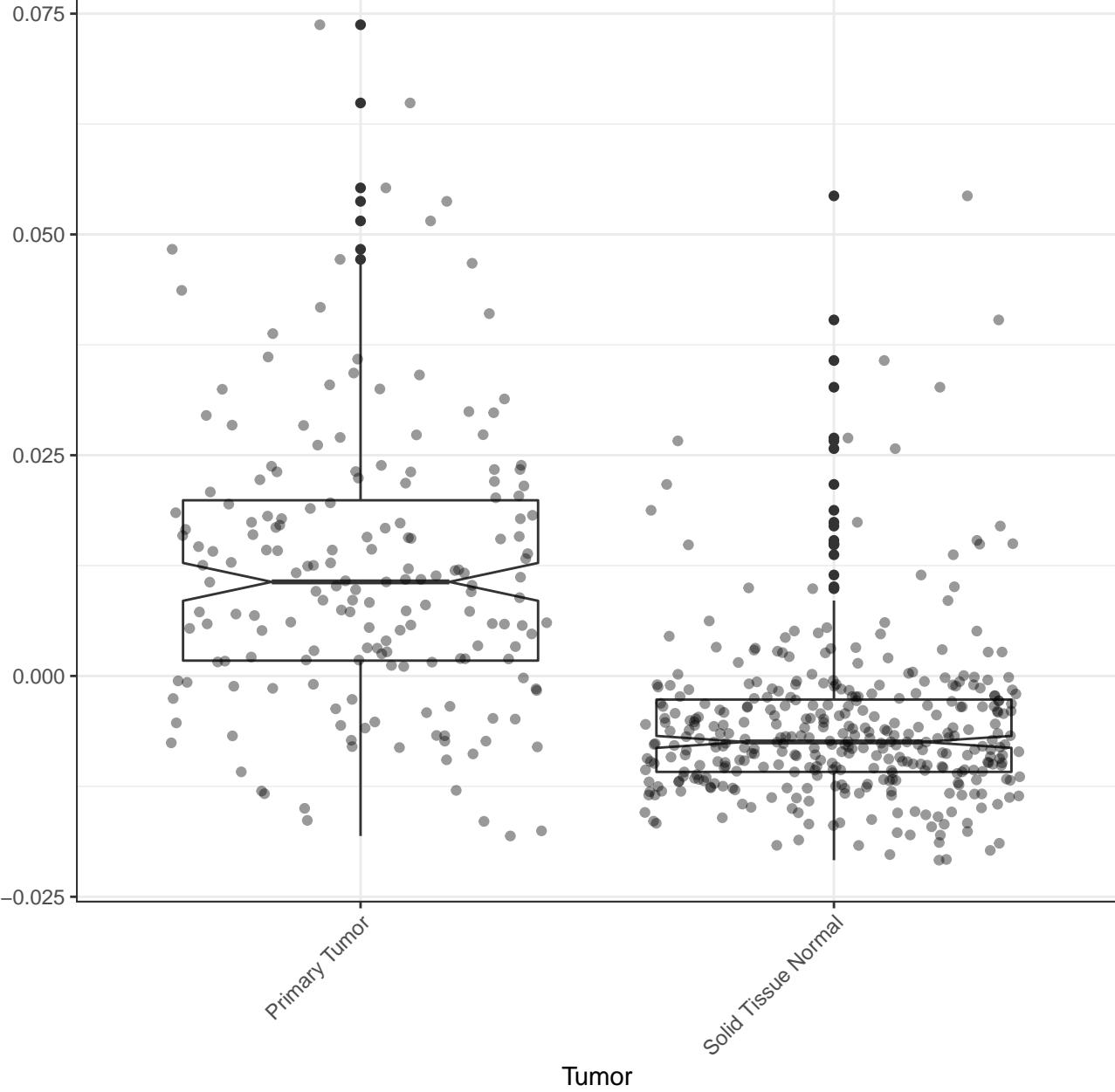
Solid Tissue Normal

Tumor



332,REACTOME\_DOWNSTREAM\_SIGNALING\_EVENTS\_OF\_B\_CELL\_RECEPATOR\_BCR

Value



### 333,KEGG\_SYSTEMIC\_LUPUS\_ERYTHEMATOSUS

Value

0.04

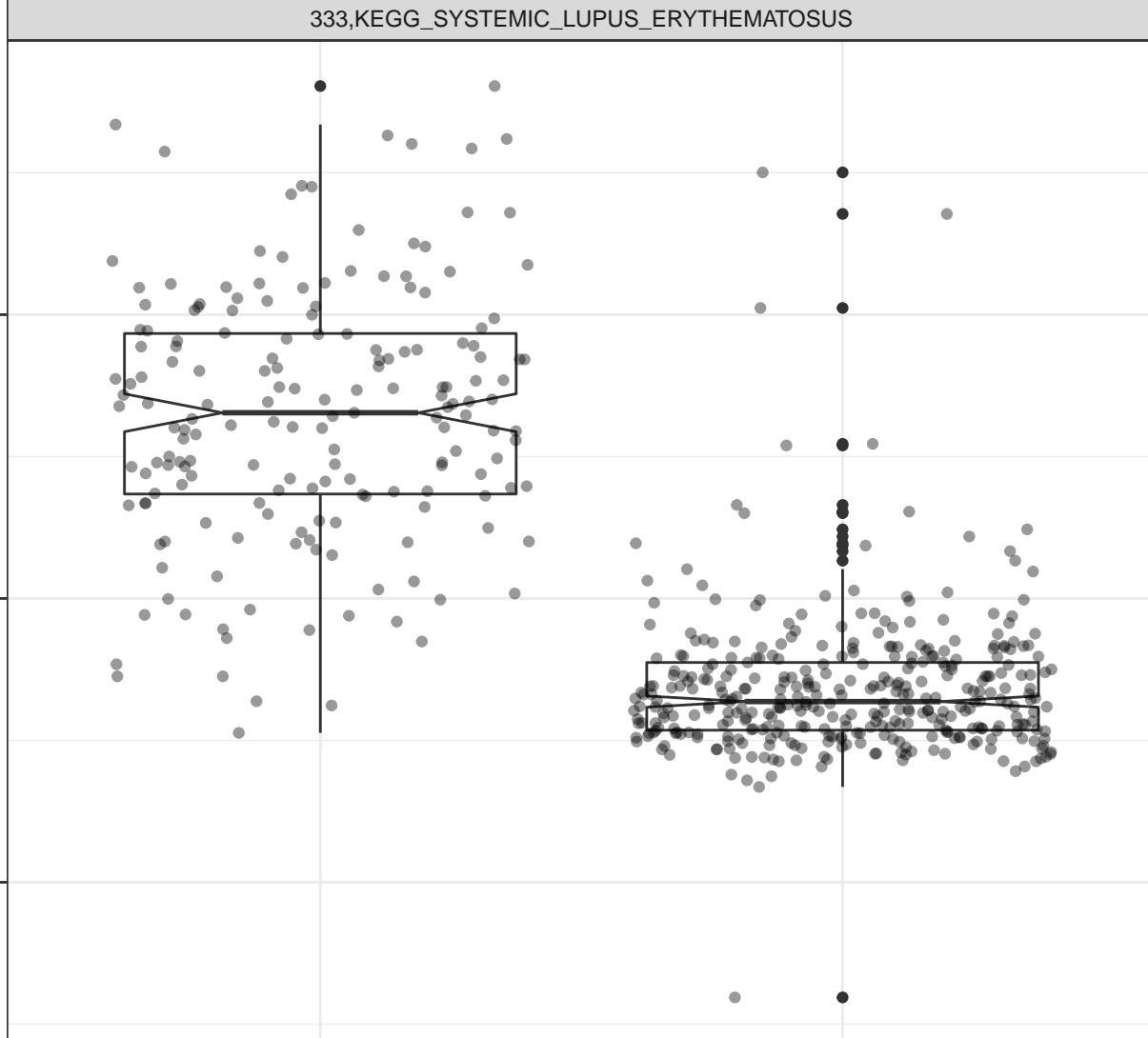
0.00

-0.04

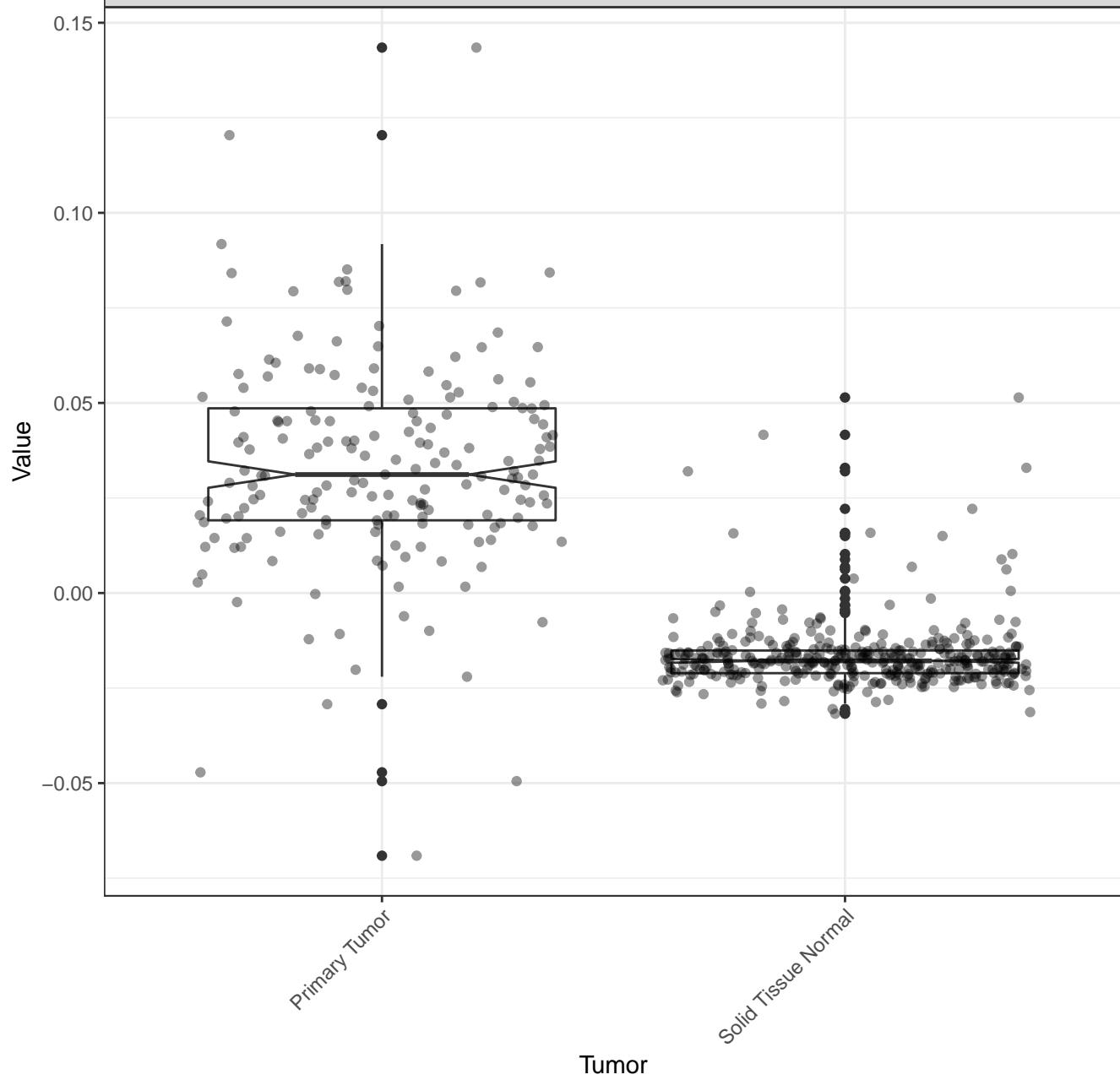
Primary Tumor

Solid Tissue Normal

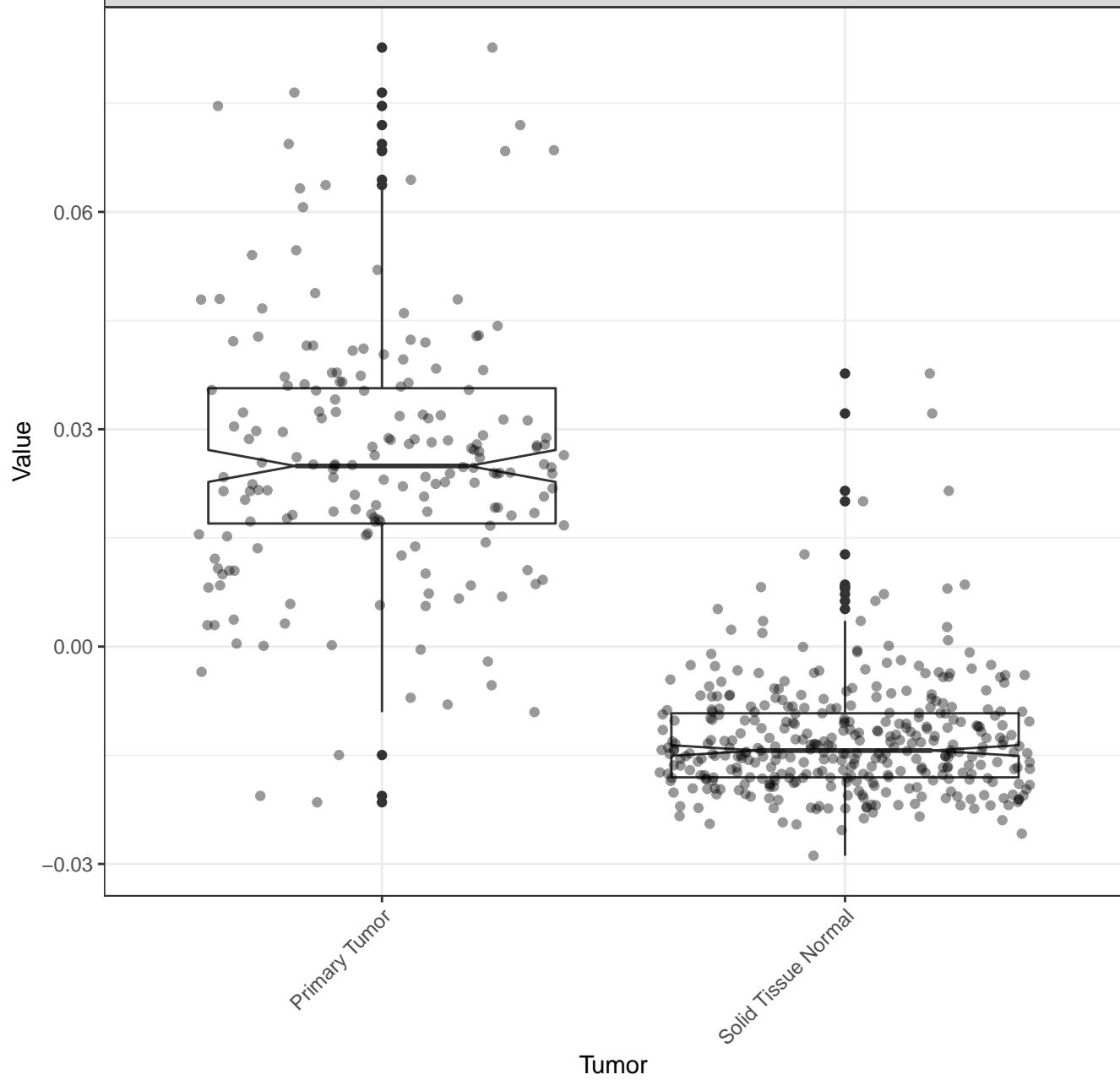
Tumor



### 334,REACTOME\_AXON\_GUIDANCE



## 335,KEGG\_ADHERENS\_JUNCTION



Value

0.10

0.05

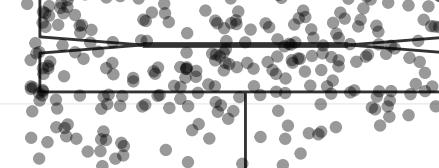
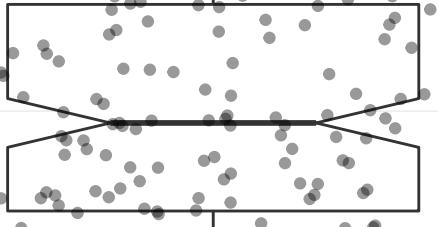
0.00

-0.05

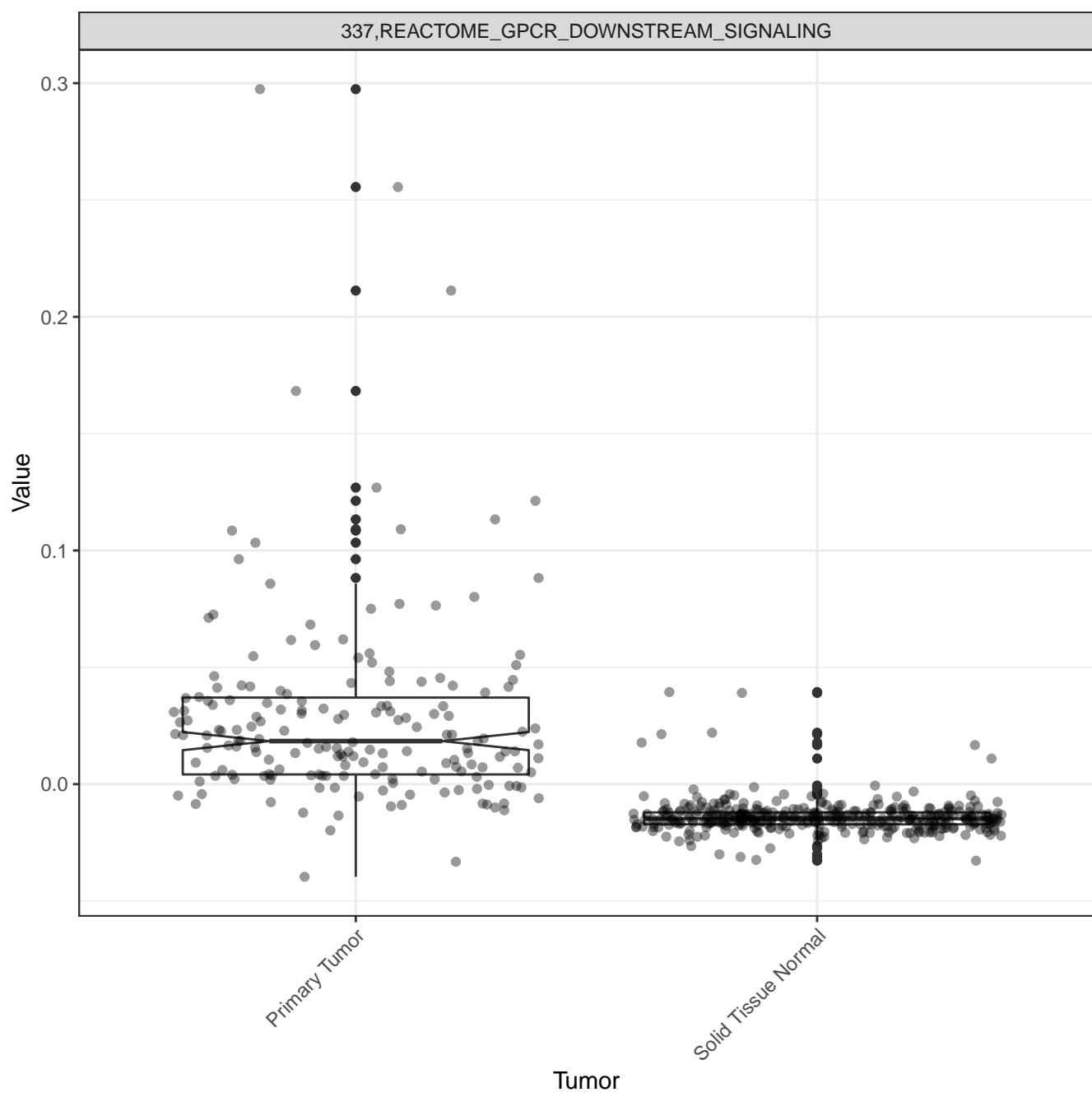
Primary Tumor

Solid Tissue Normal

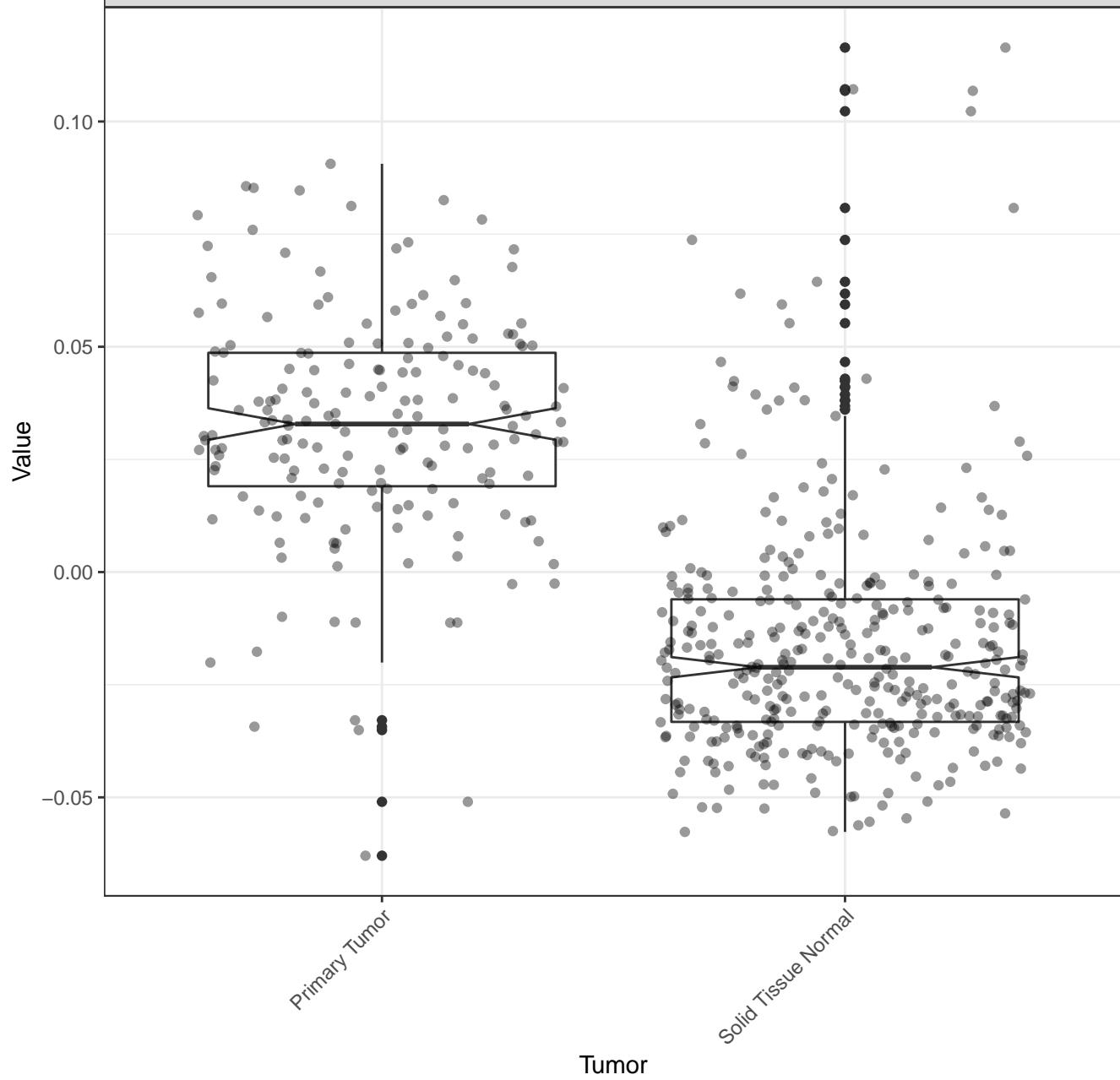
Tumor



337,REACTOME\_GPCR\_DOWNSTREAM\_SIGNALING



## 338,KEGG\_SPLICEOSOME



### 339,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS

Value

0.2

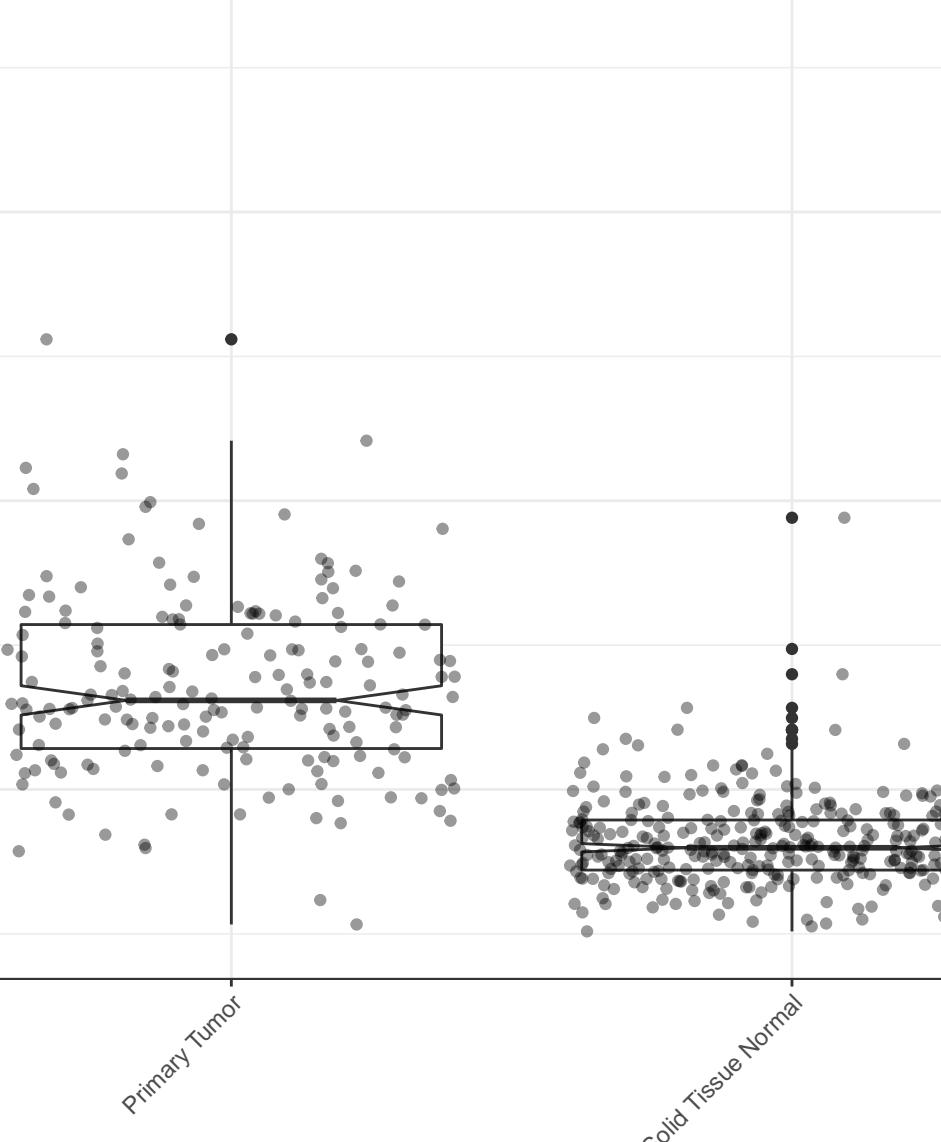
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



## 340,REACTOME\_PLATELET\_ACTIVATION\_SIGNALING\_AND\_AGGREGATION

Value

0.05

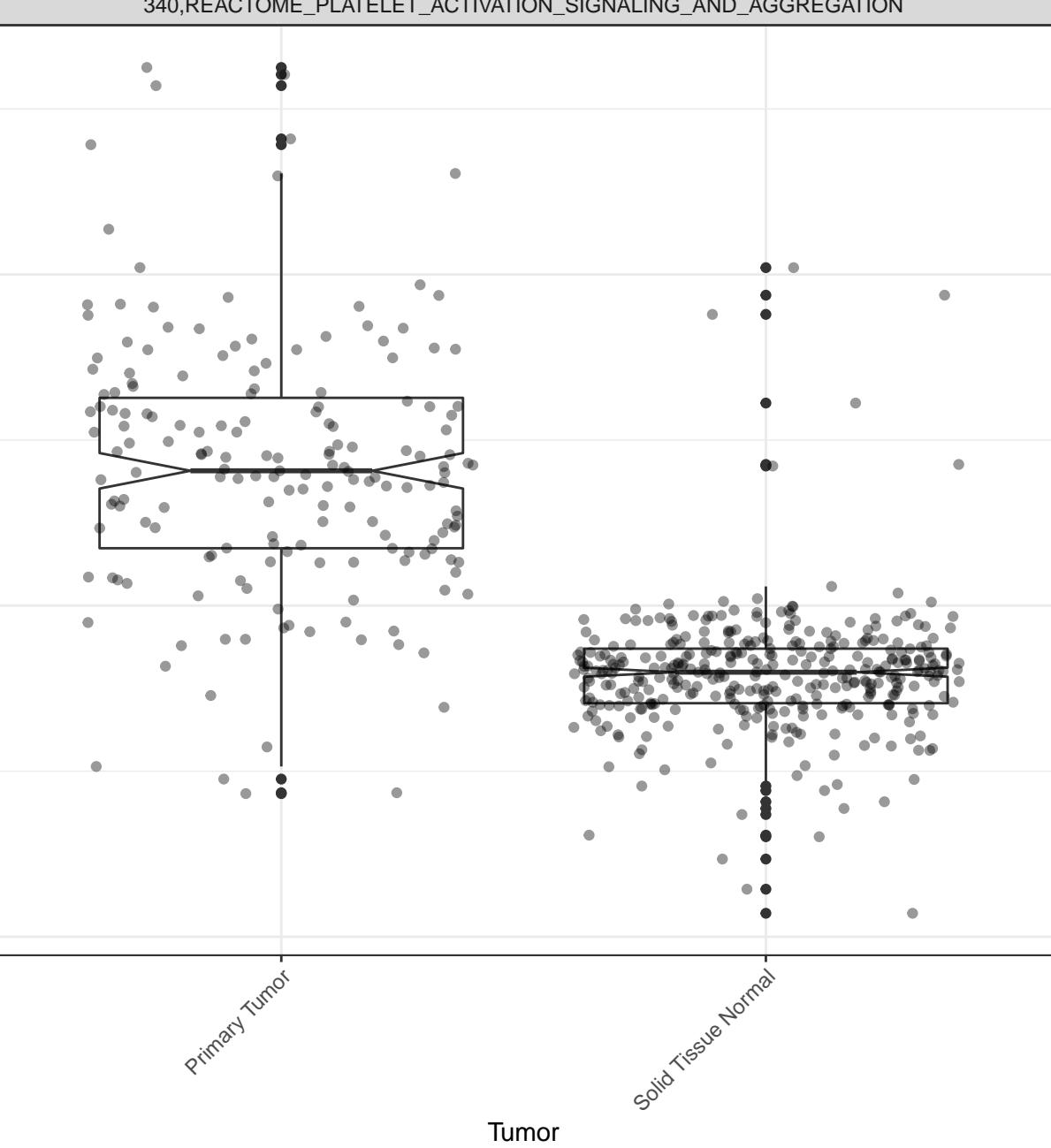
0.00

-0.05

Primary Tumor

Tumor

Solid Tissue Normal



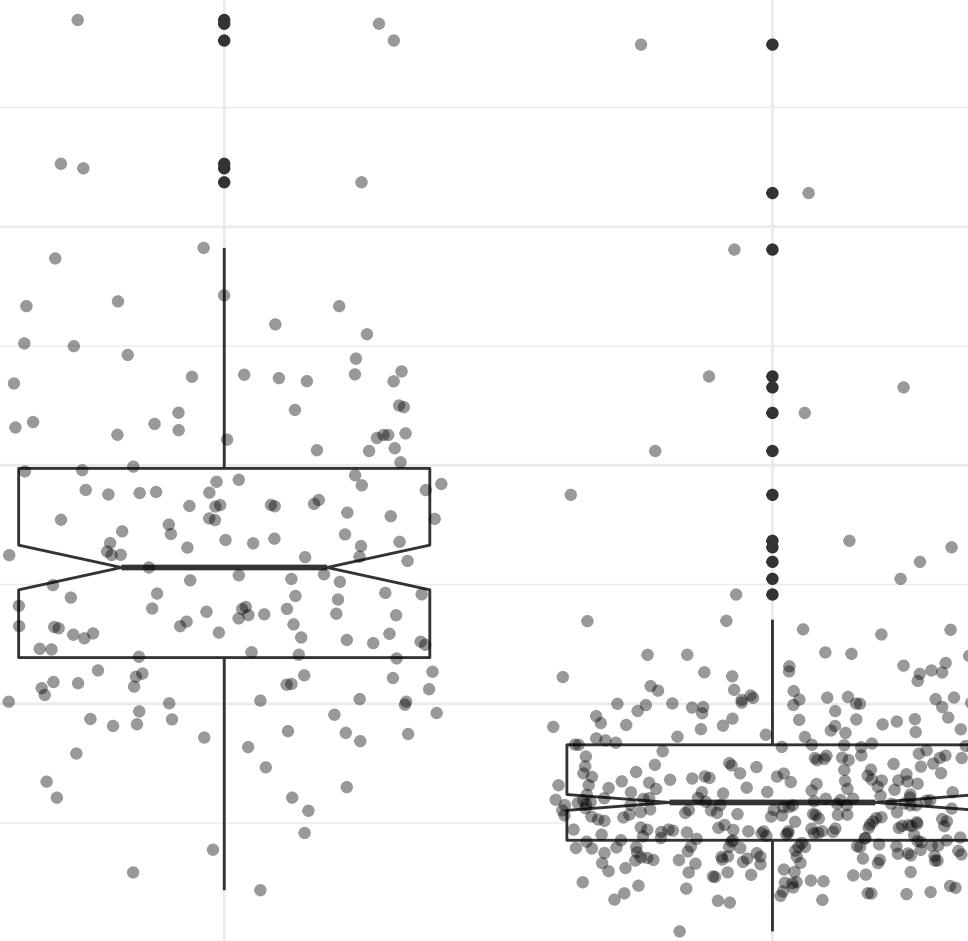
Value

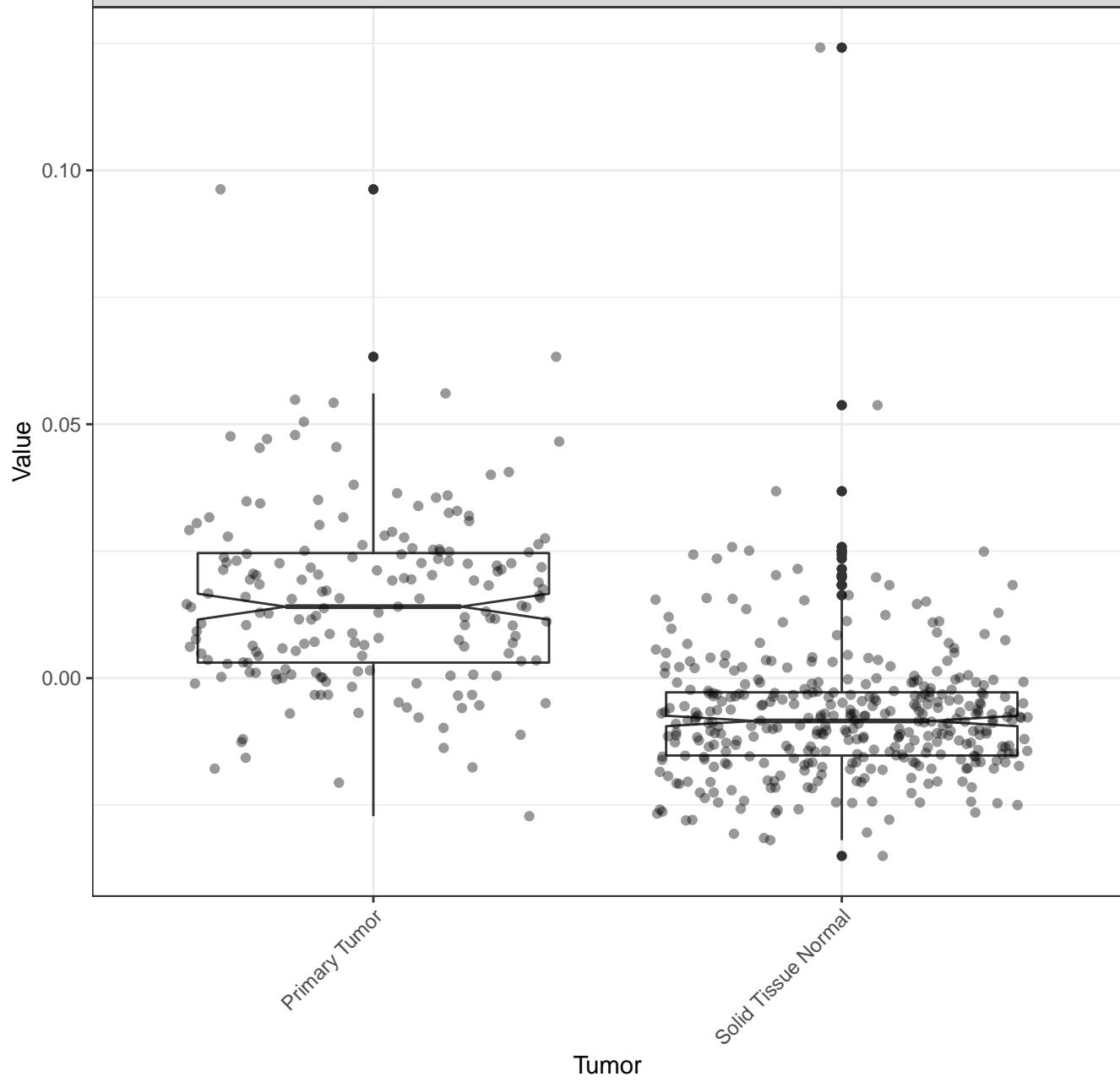
0.09  
0.06  
0.03  
0.00  
-0.03

Primary Tumor

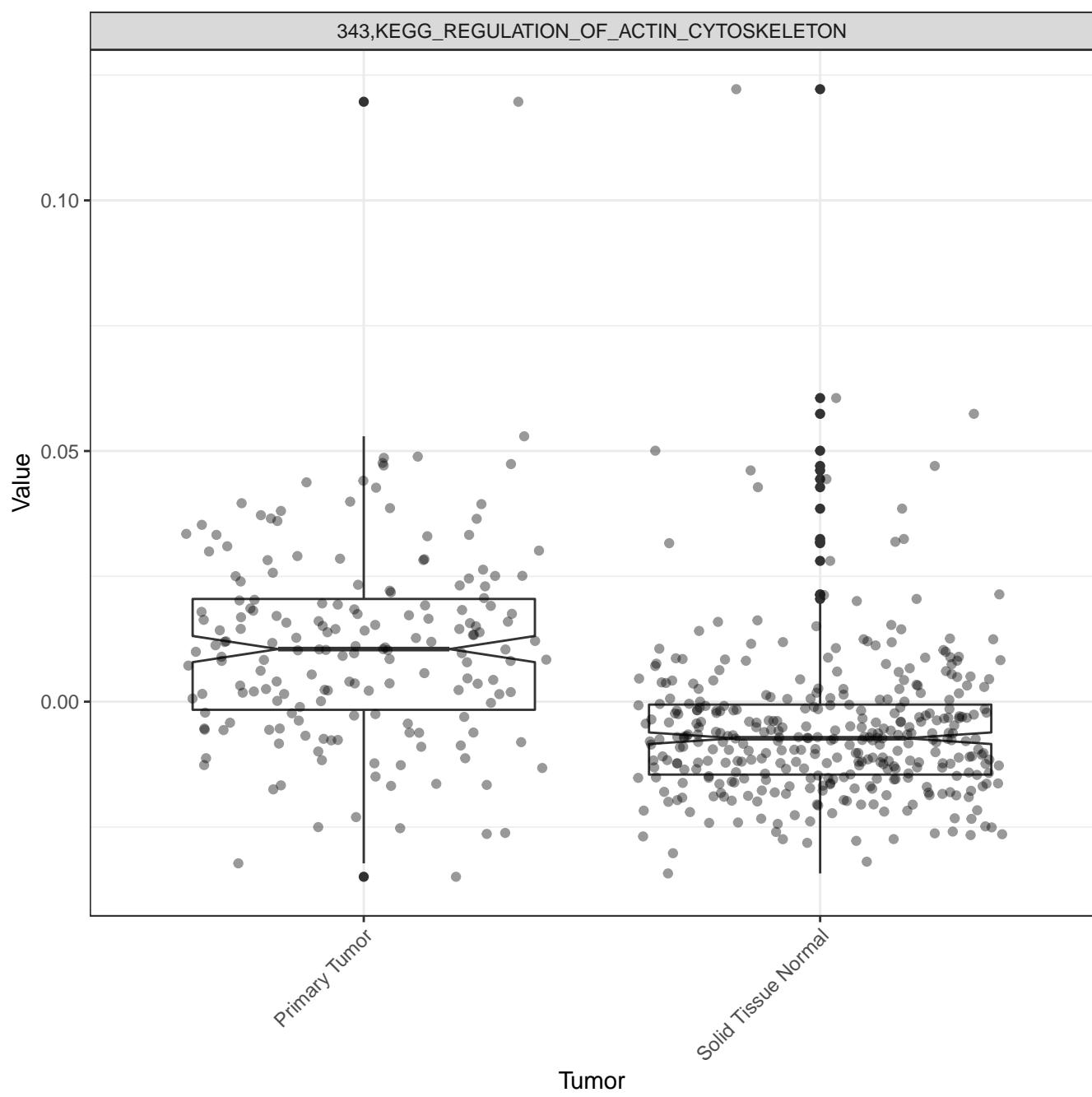
Solid Tissue Normal

Tumor



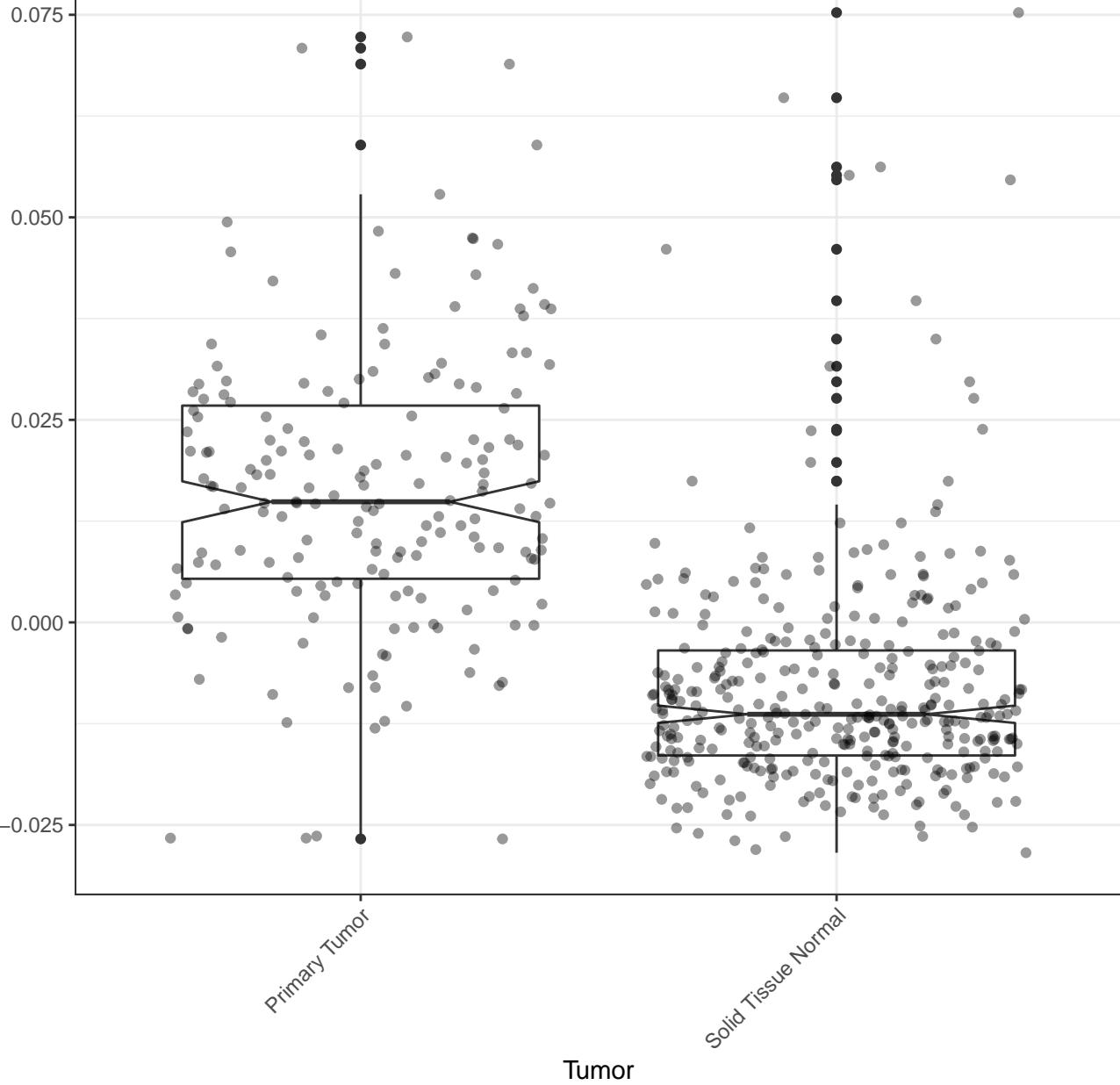


### 343,KEGG\_REGULATION\_OF\_ACTIN\_CYTOSKELETON

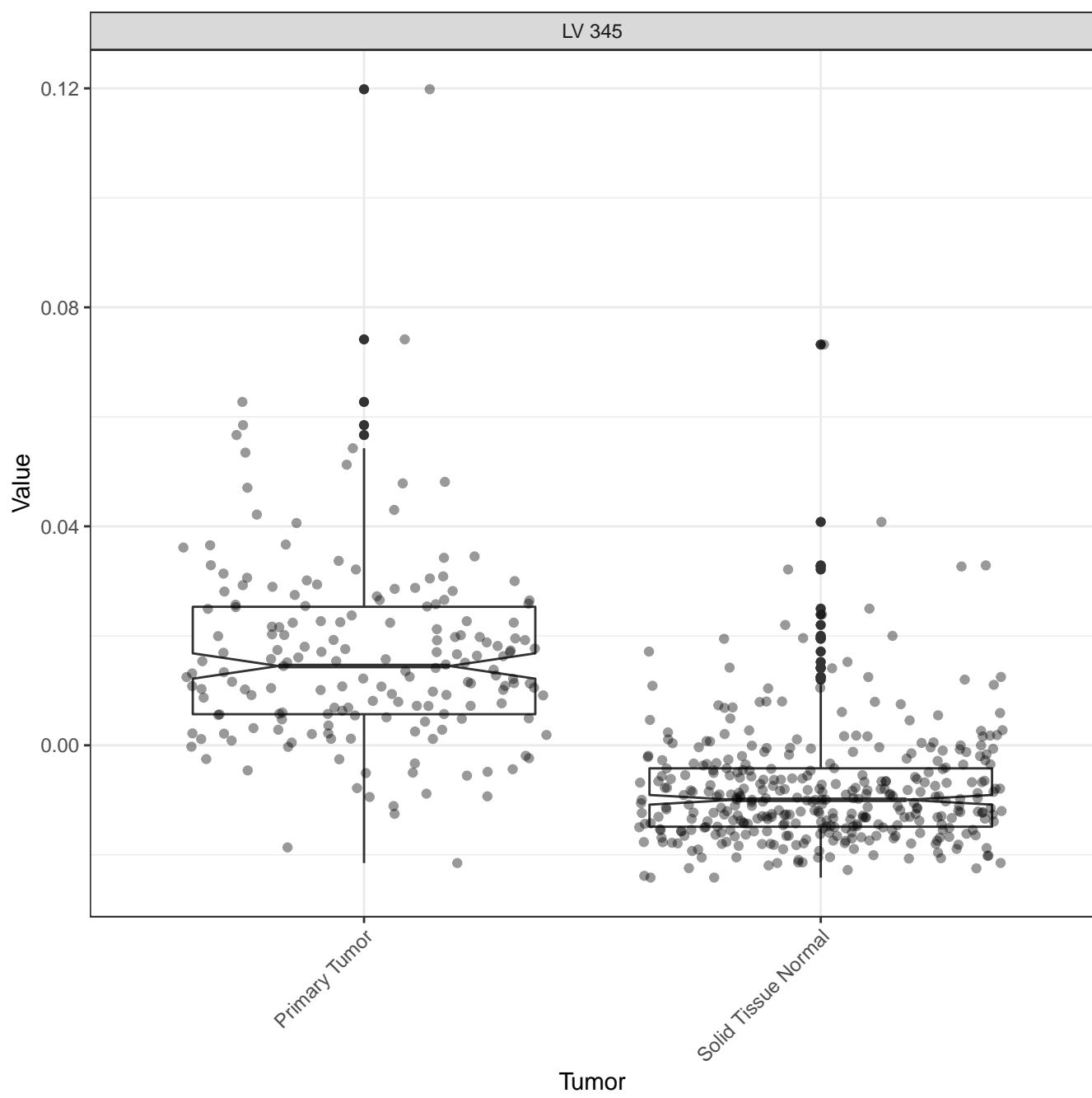


### 344,REACTOME\_TRANSPORT\_OF\_MATURE\_TRANSCRIPT\_TO\_CYTOPLASM

Value



LV 345



LV 346

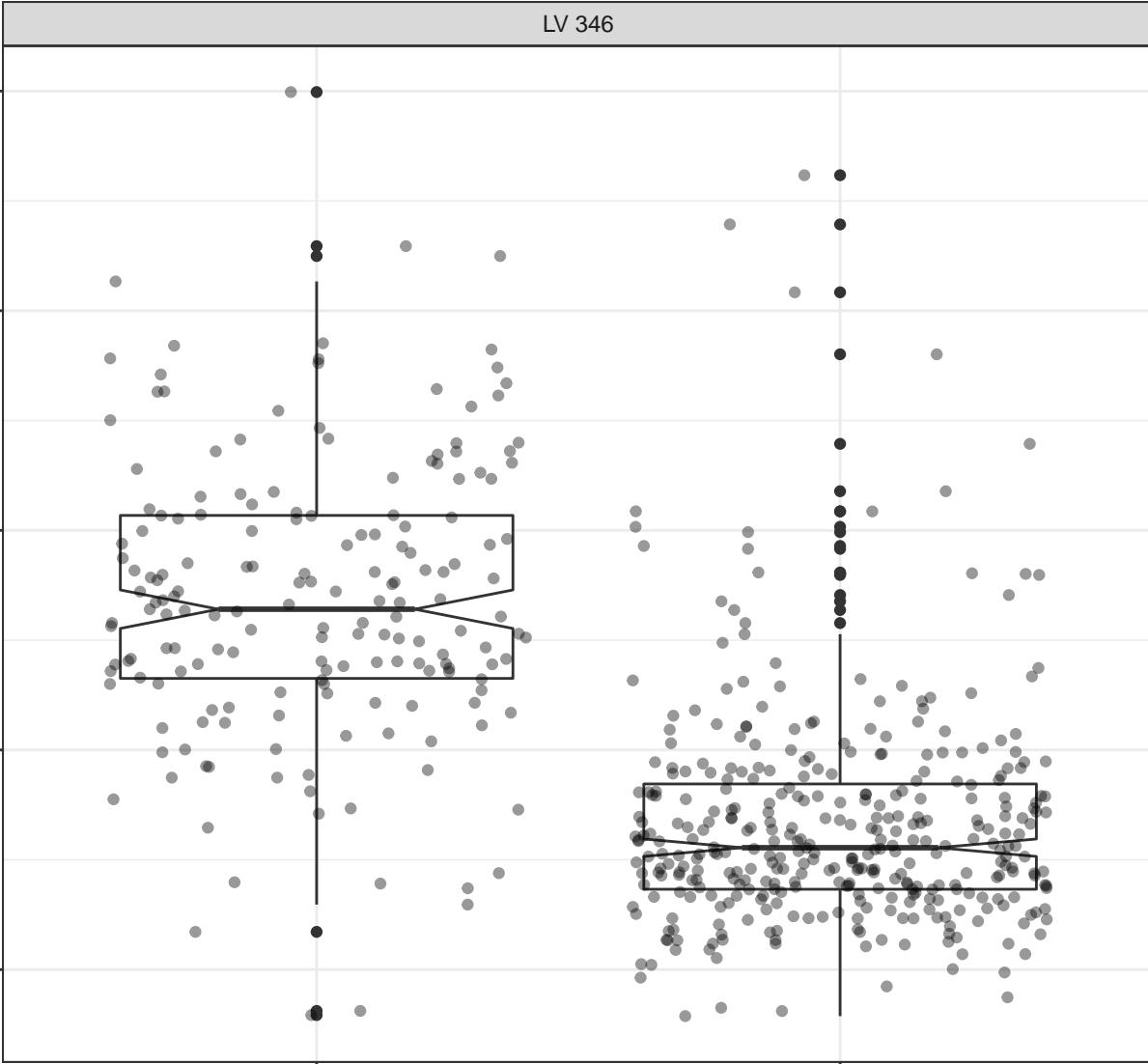
Value

0.075  
0.050  
0.025  
0.000  
-0.025

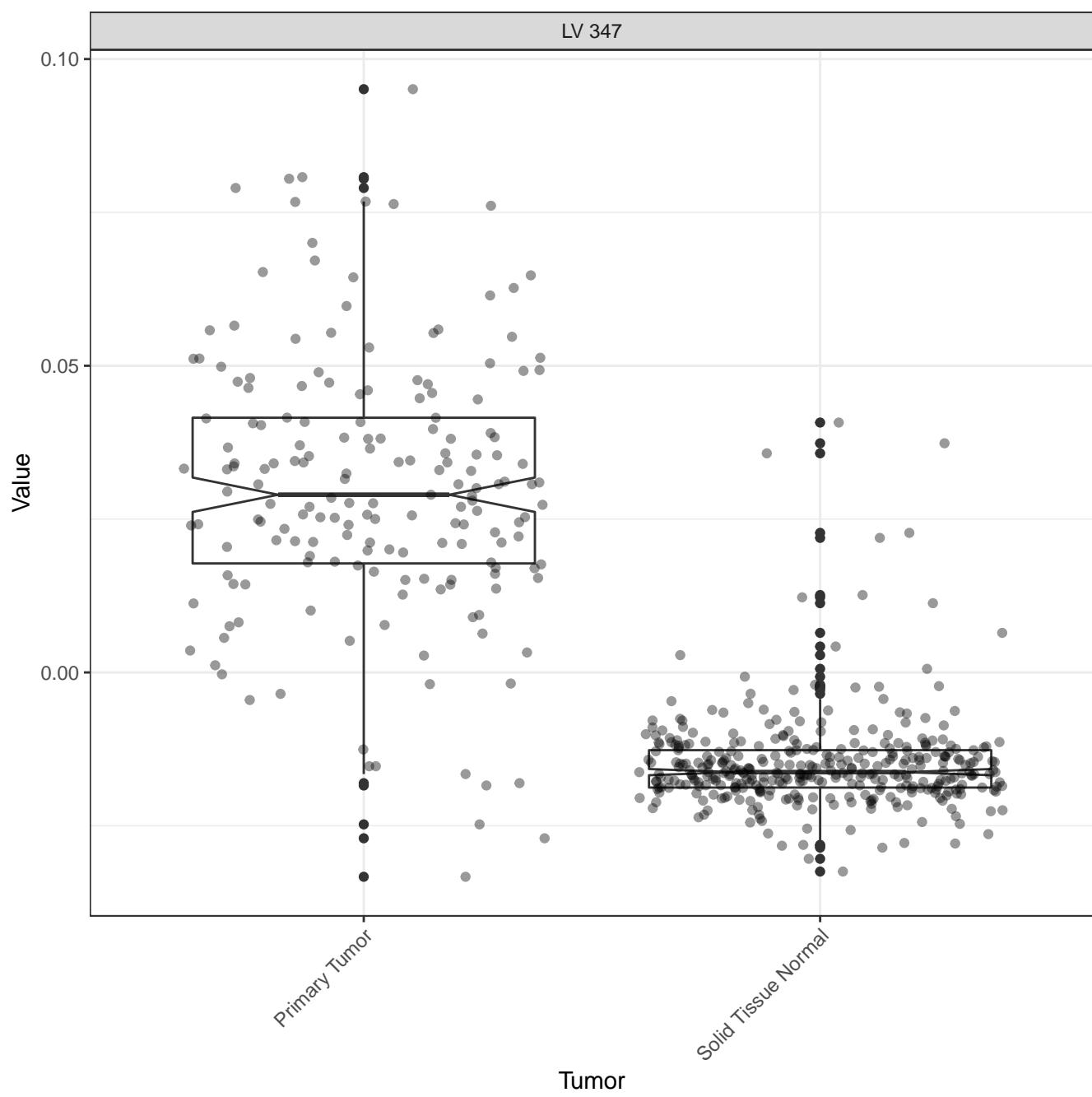
Primary Tumor

Solid Tissue Normal

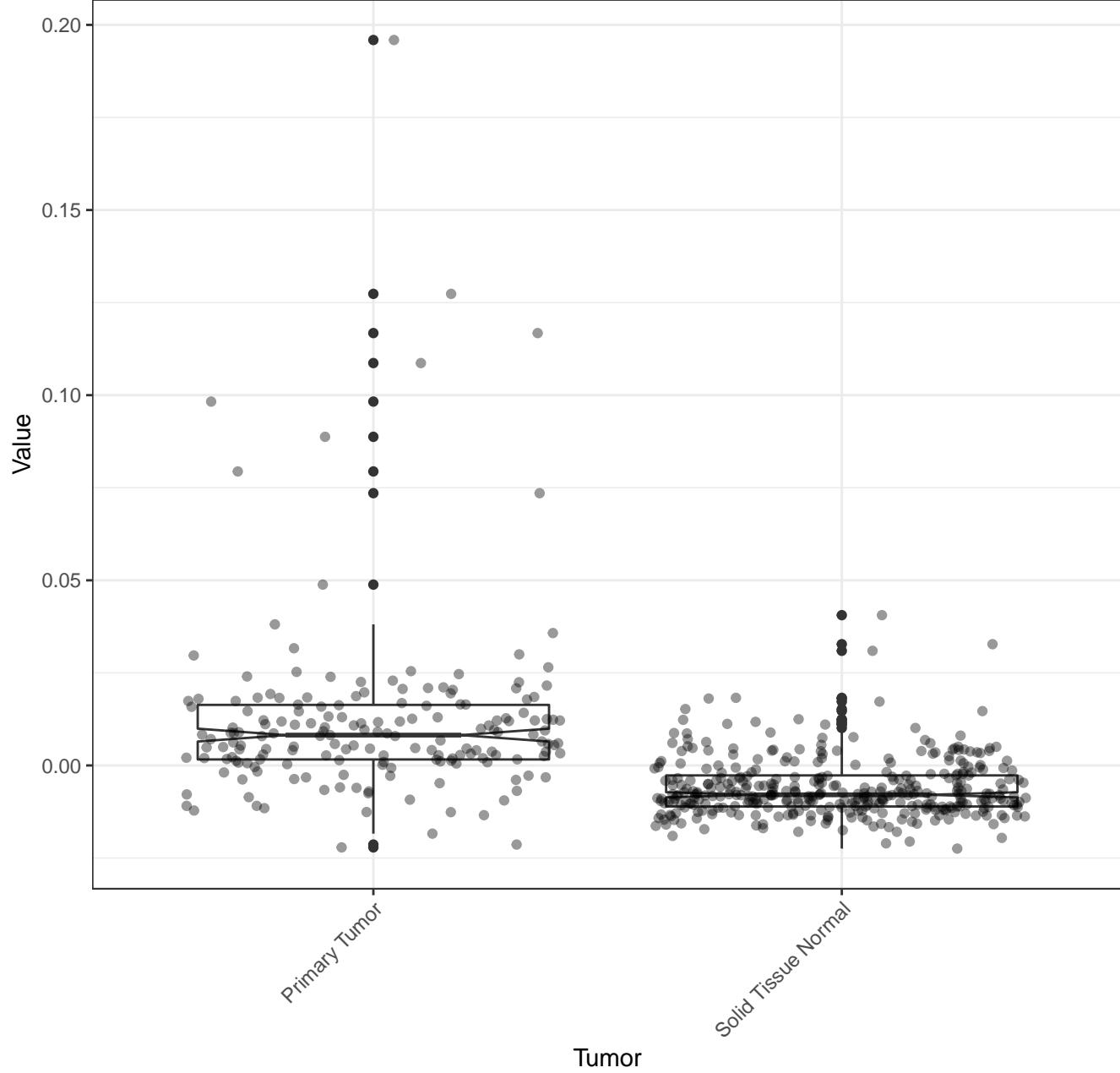
Tumor

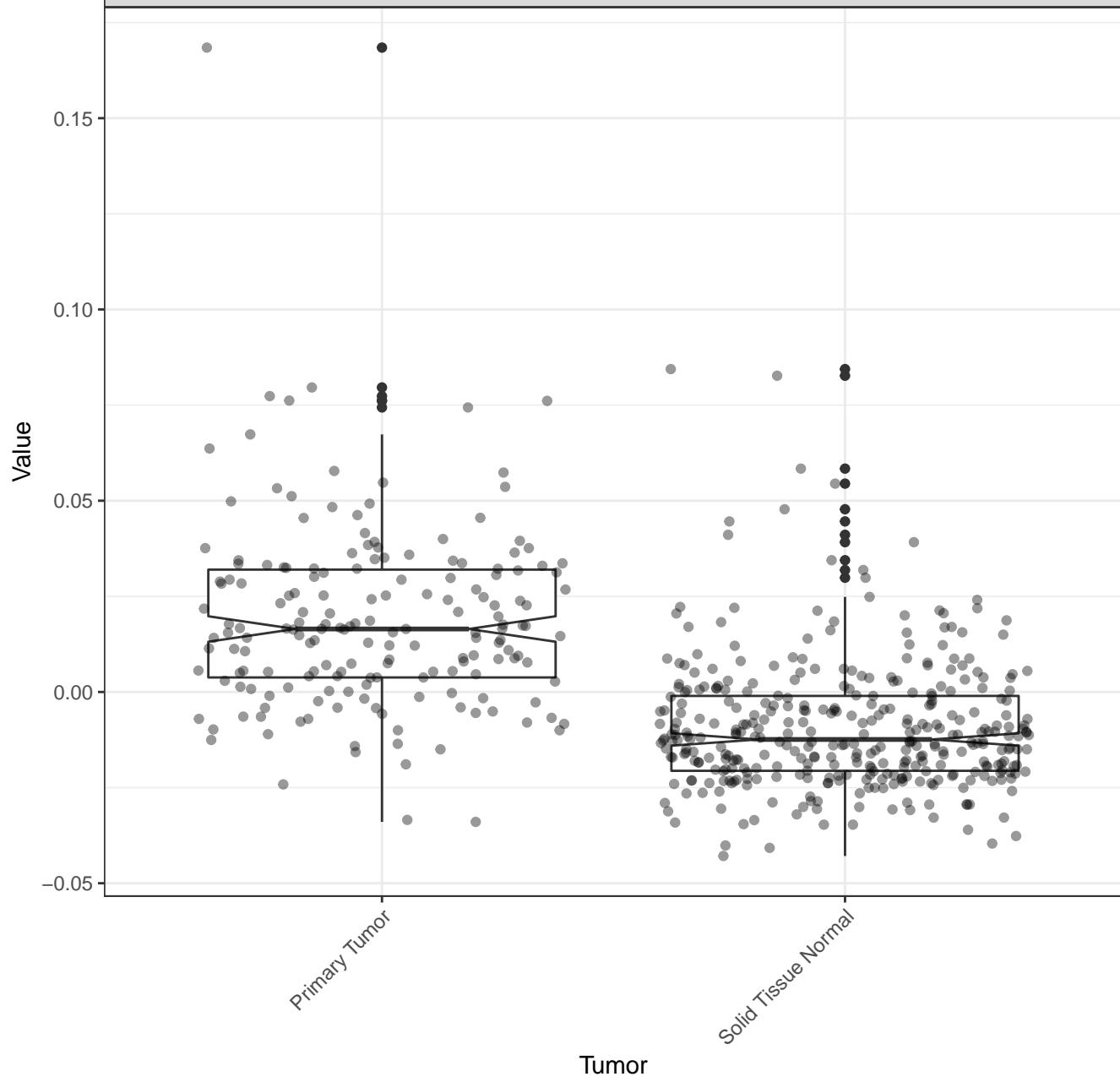


LV 347



348,KEGG\_EPITHELIAL\_CELL\_SIGNALING\_IN\_Helicobacter\_pylori\_INFECTIOn





350,REACTOME\_METABOLISM\_OF\_AMINO\_ACIDS\_AND\_DERIVATIVES

Value

0.050

0.025

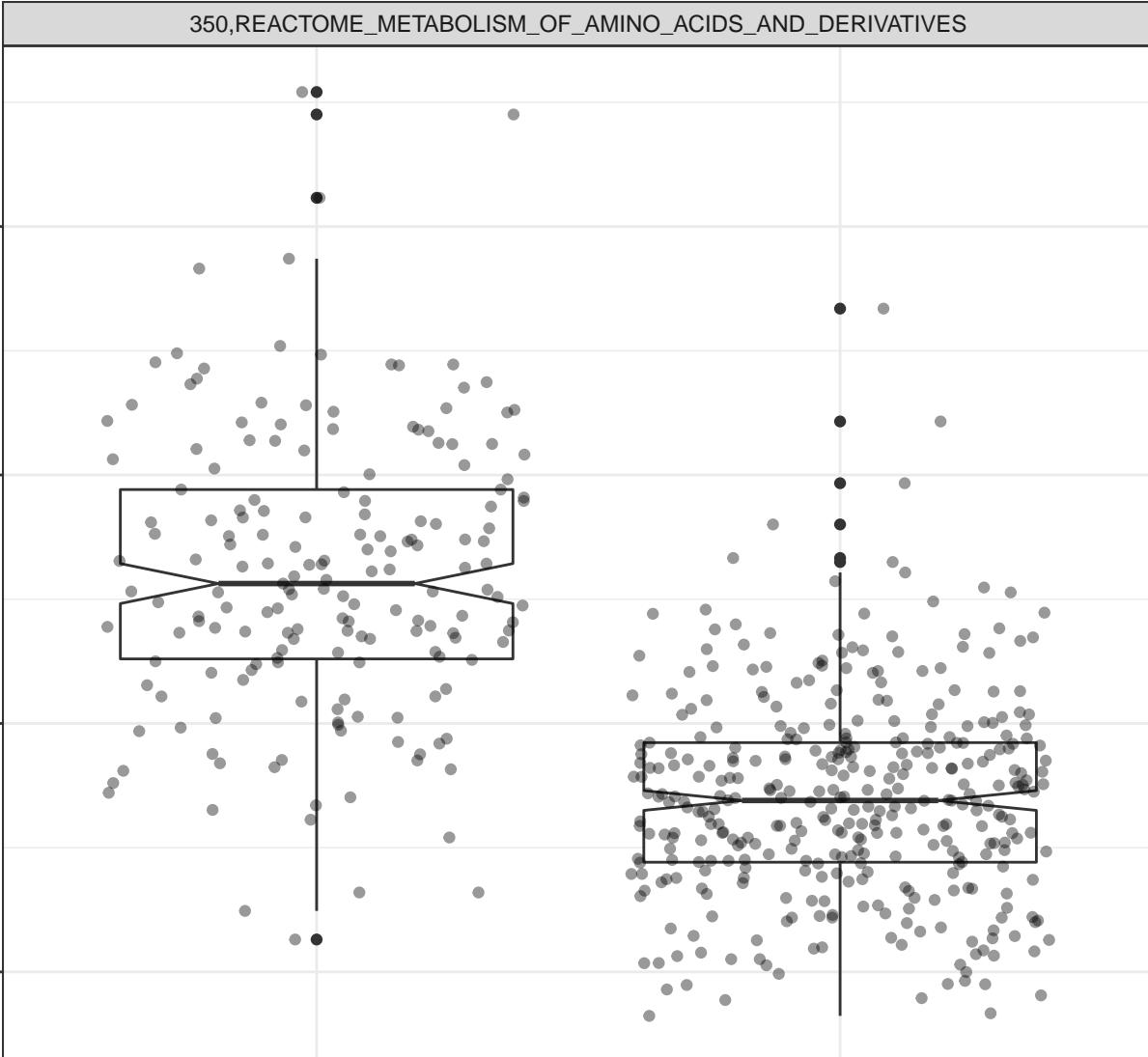
0.000

-0.025

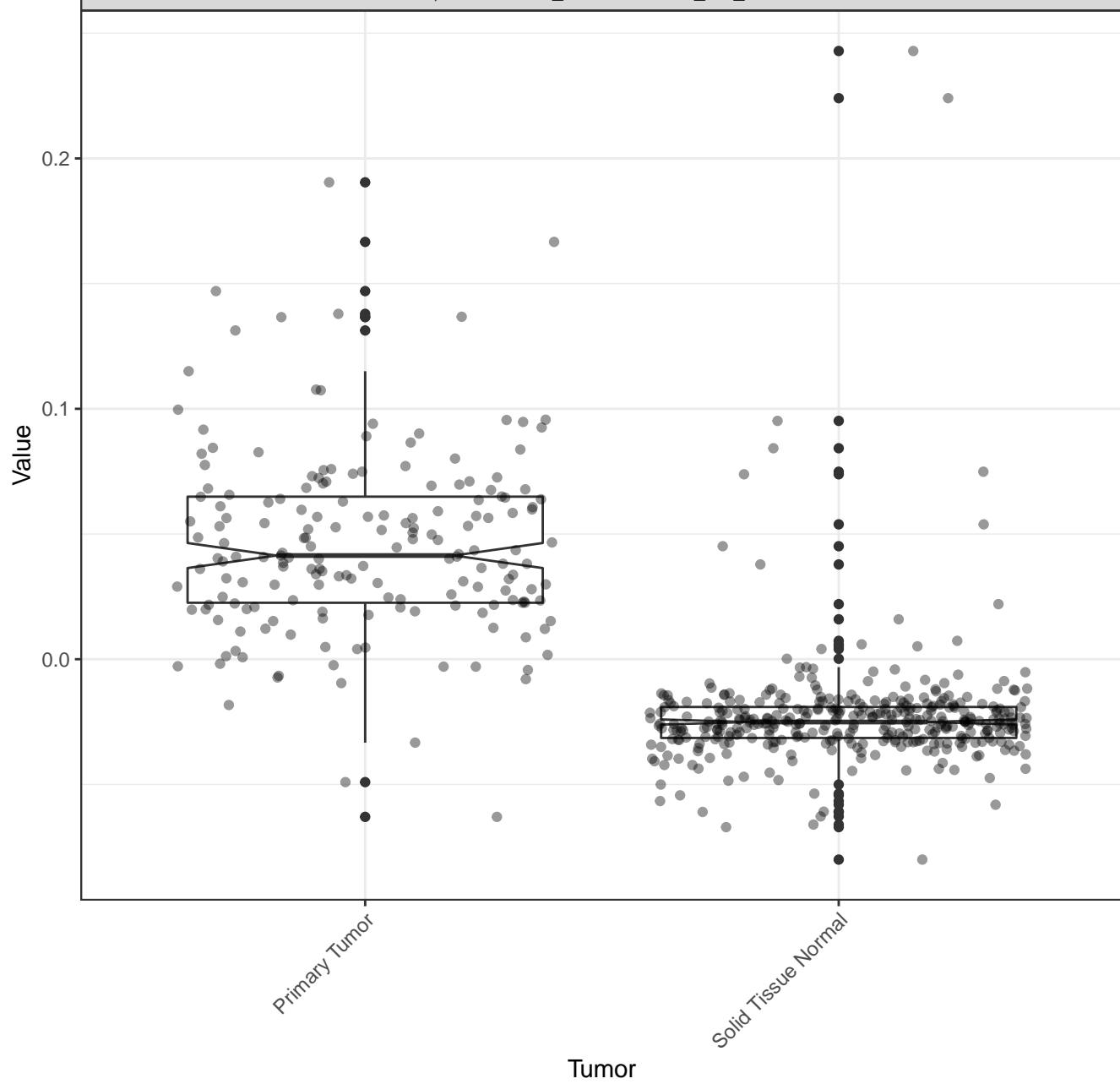
Primary Tumor

Tumor

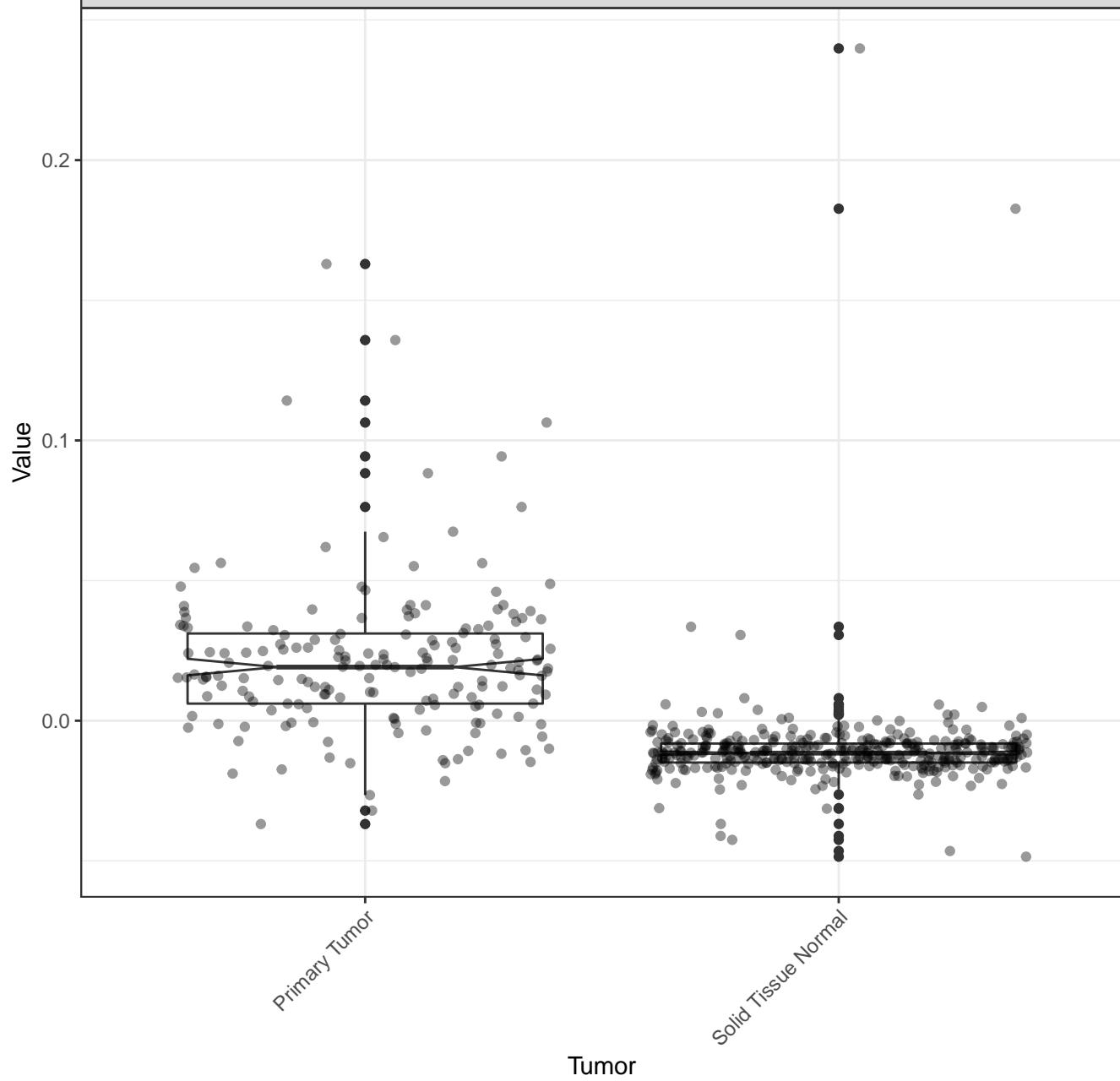
Solid Tissue Normal



## 351,REACTOME\_METABOLISM\_OF\_MRNA



## 352,DMAP\_DENDA1



LV 353

Value

0.075

0.050

0.025

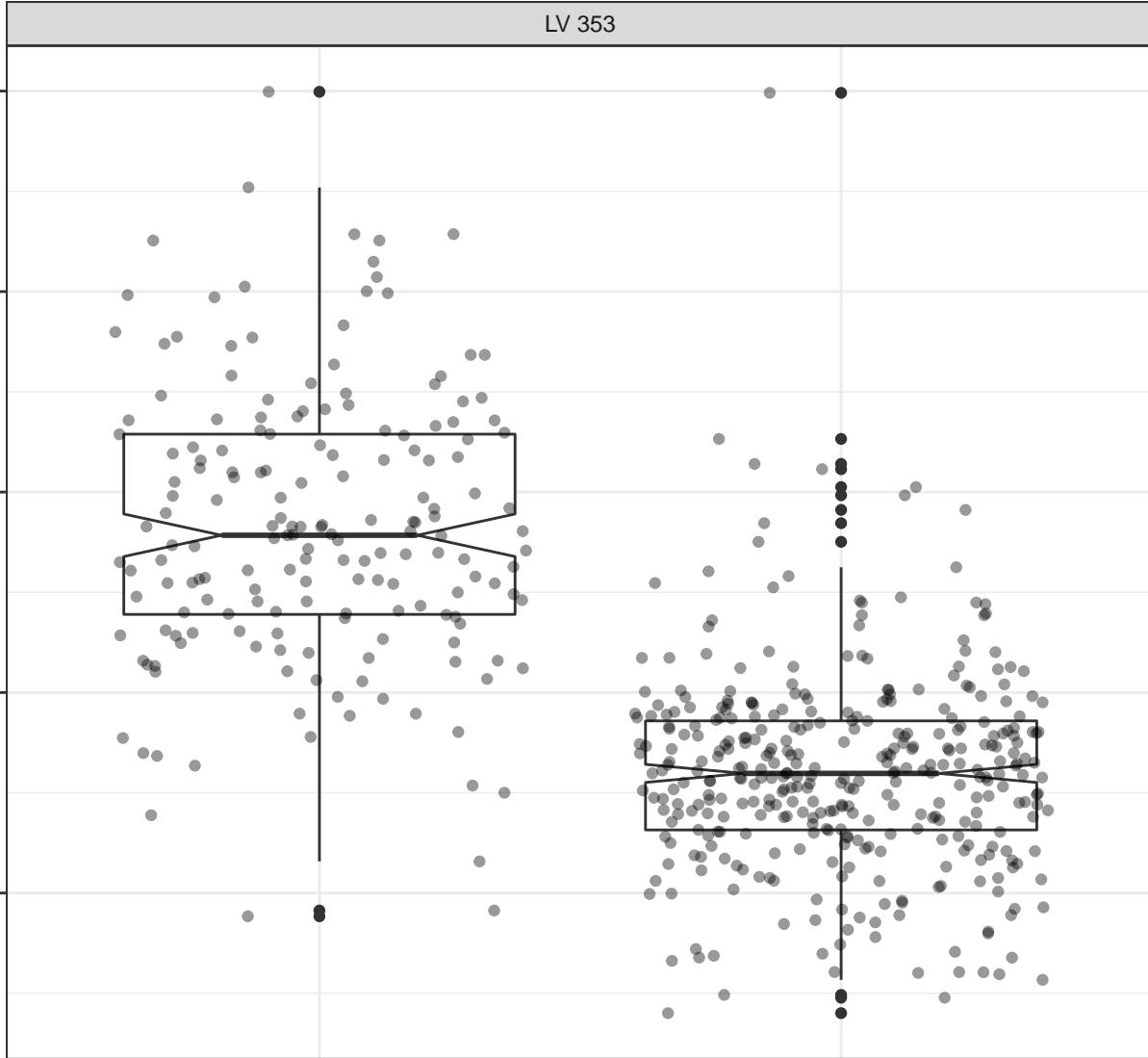
0.000

-0.025

Primary Tumor

Solid Tissue Normal

Tumor



LV 354

Value

0.10

0.05

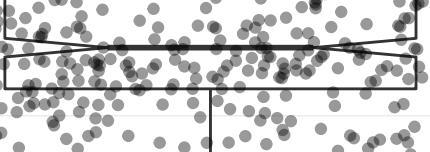
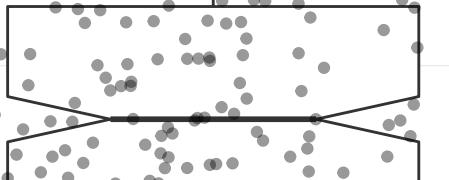
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



### 355,KEGG\_HEDGEHOG\_SIGNALING\_PATHWAY

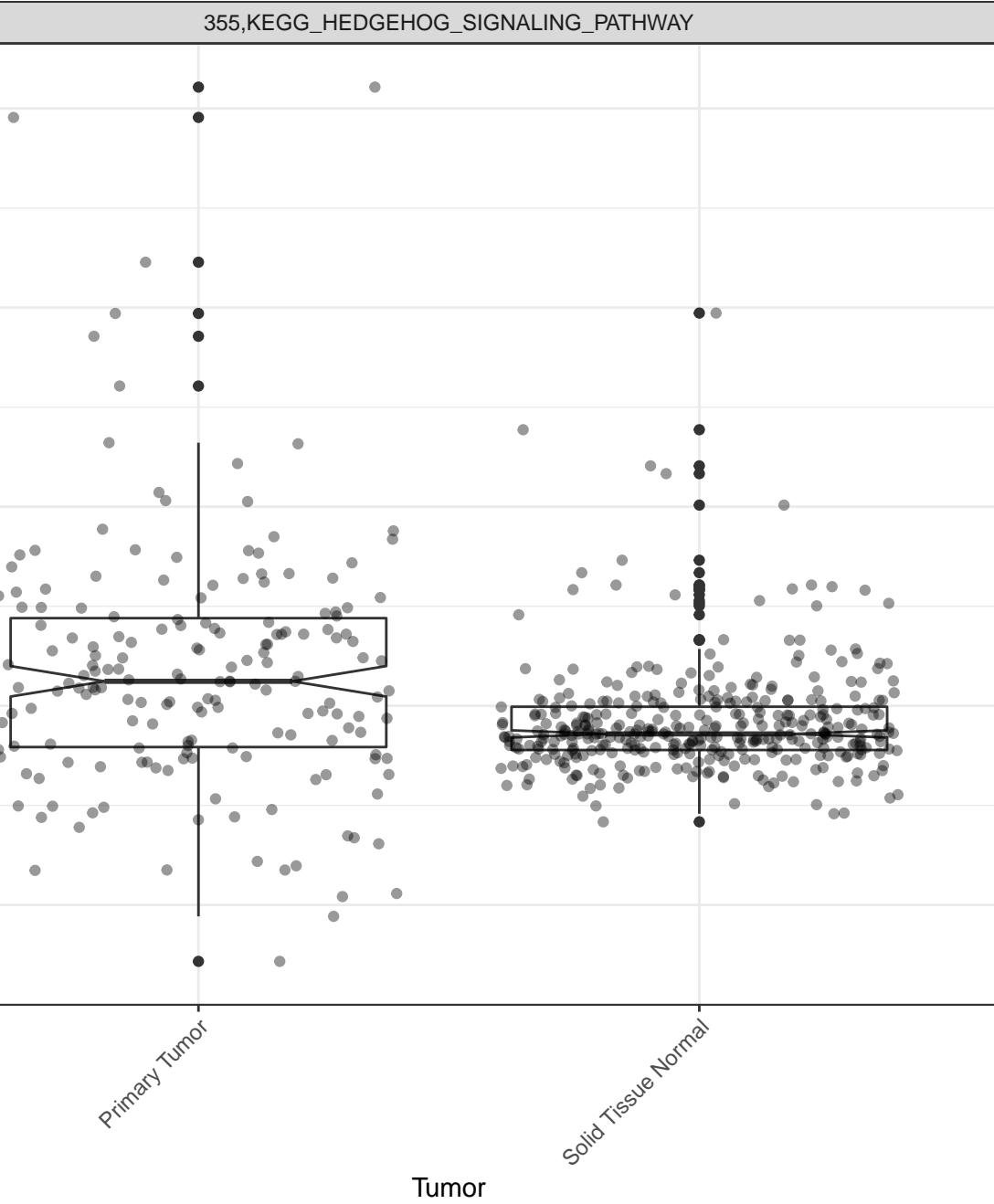
Value

0.15  
0.10  
0.05  
0.00  
-0.05

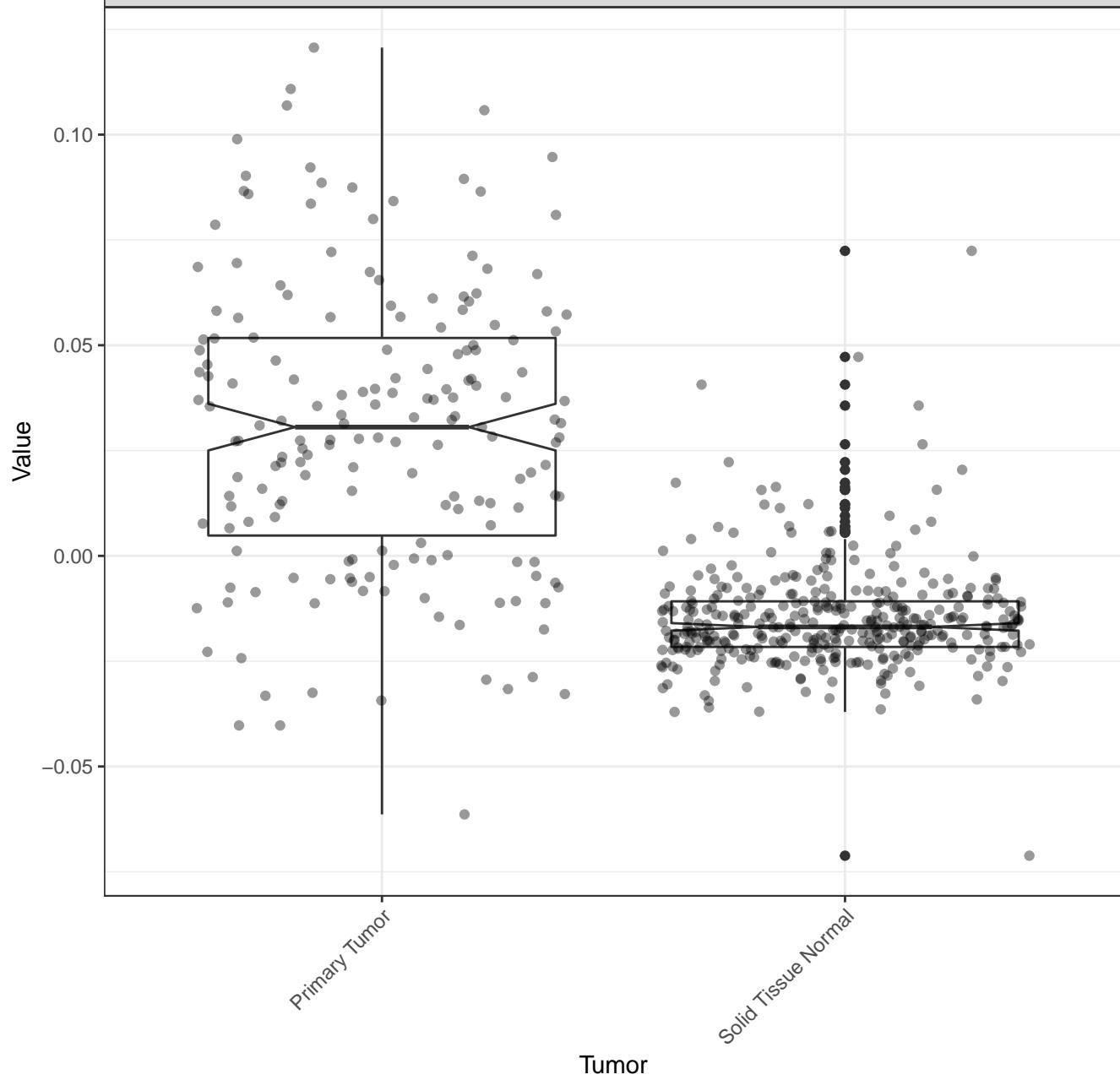
Primary Tumor

Solid Tissue Normal

Tumor



## 356,REACTOME DEVELOPMENTAL\_BIOLOGY



Value

0.15

0.10

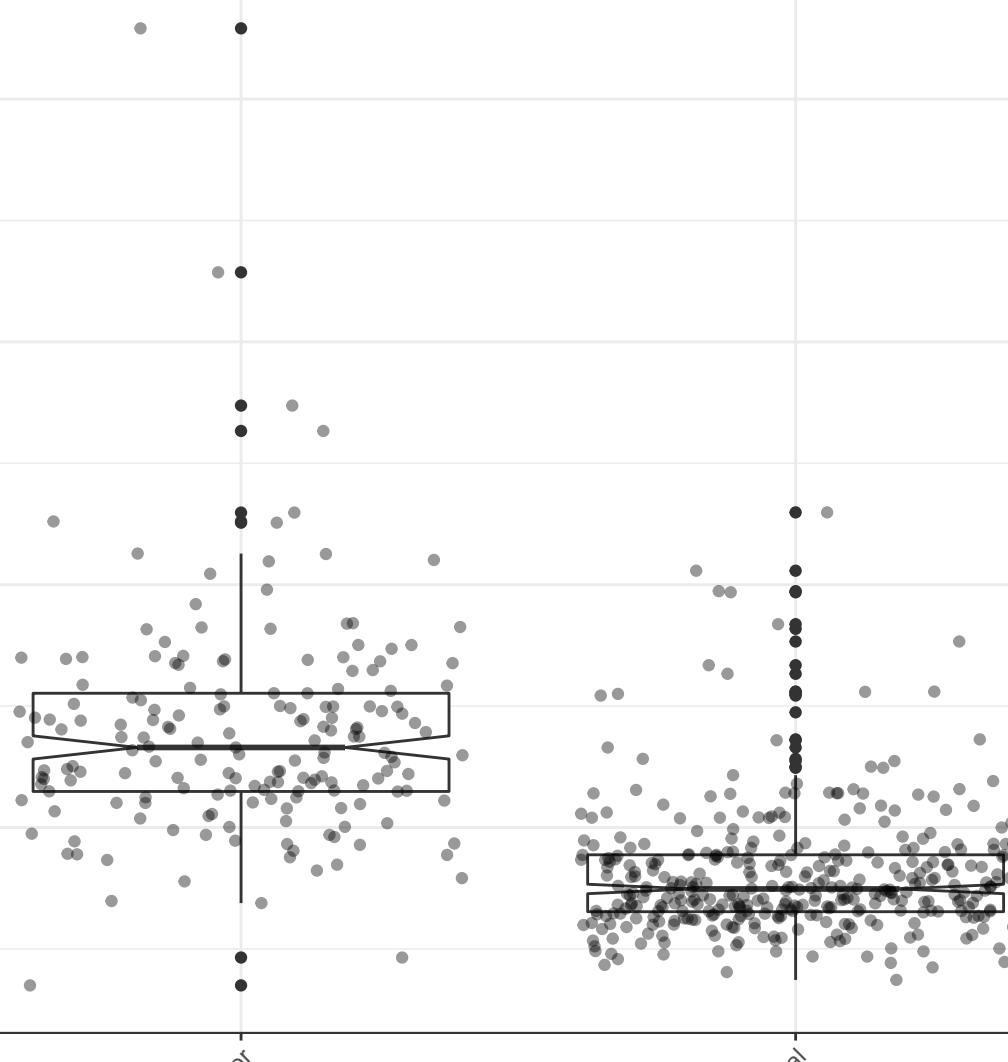
0.05

0.00

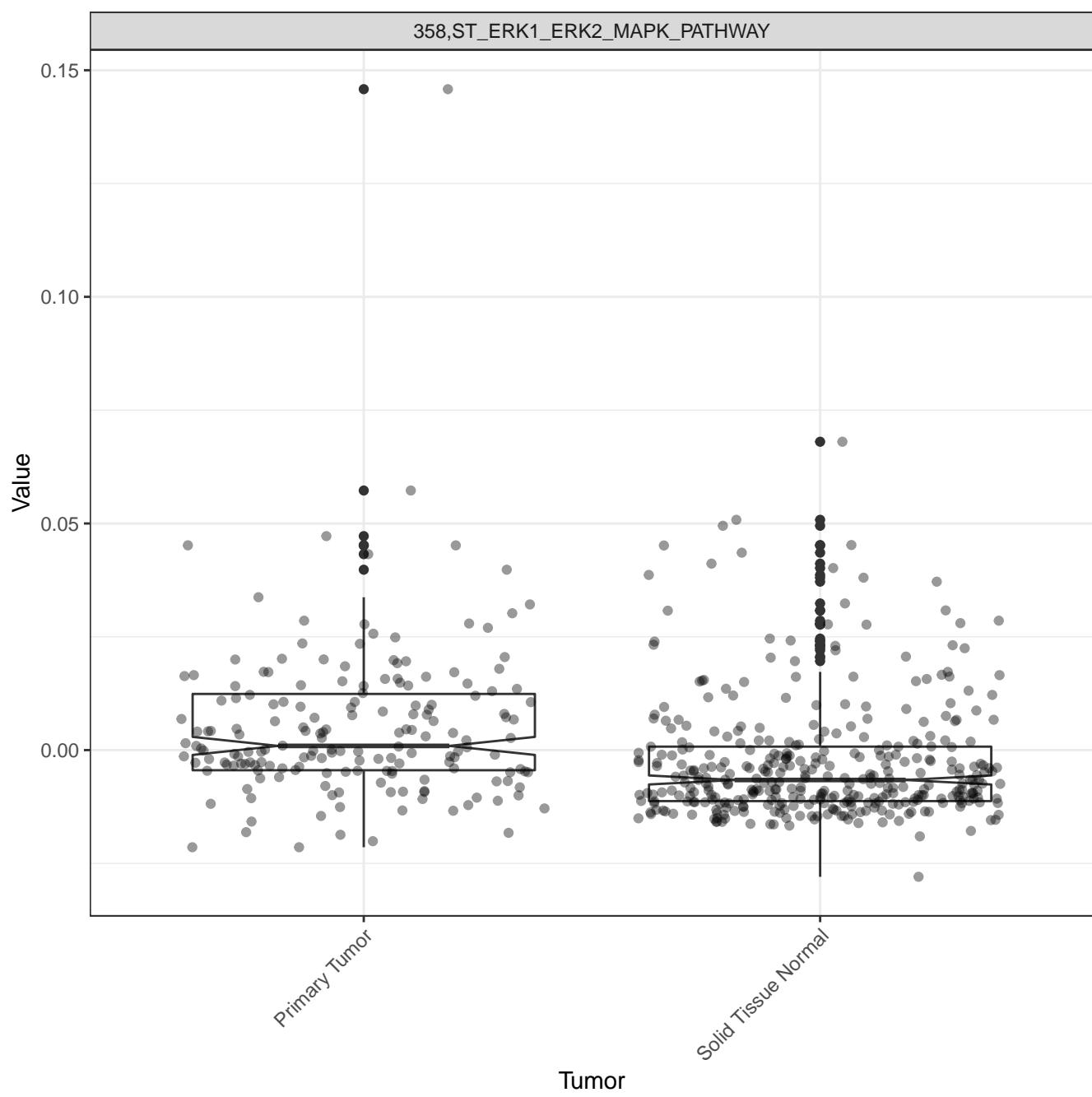
Primary Tumor

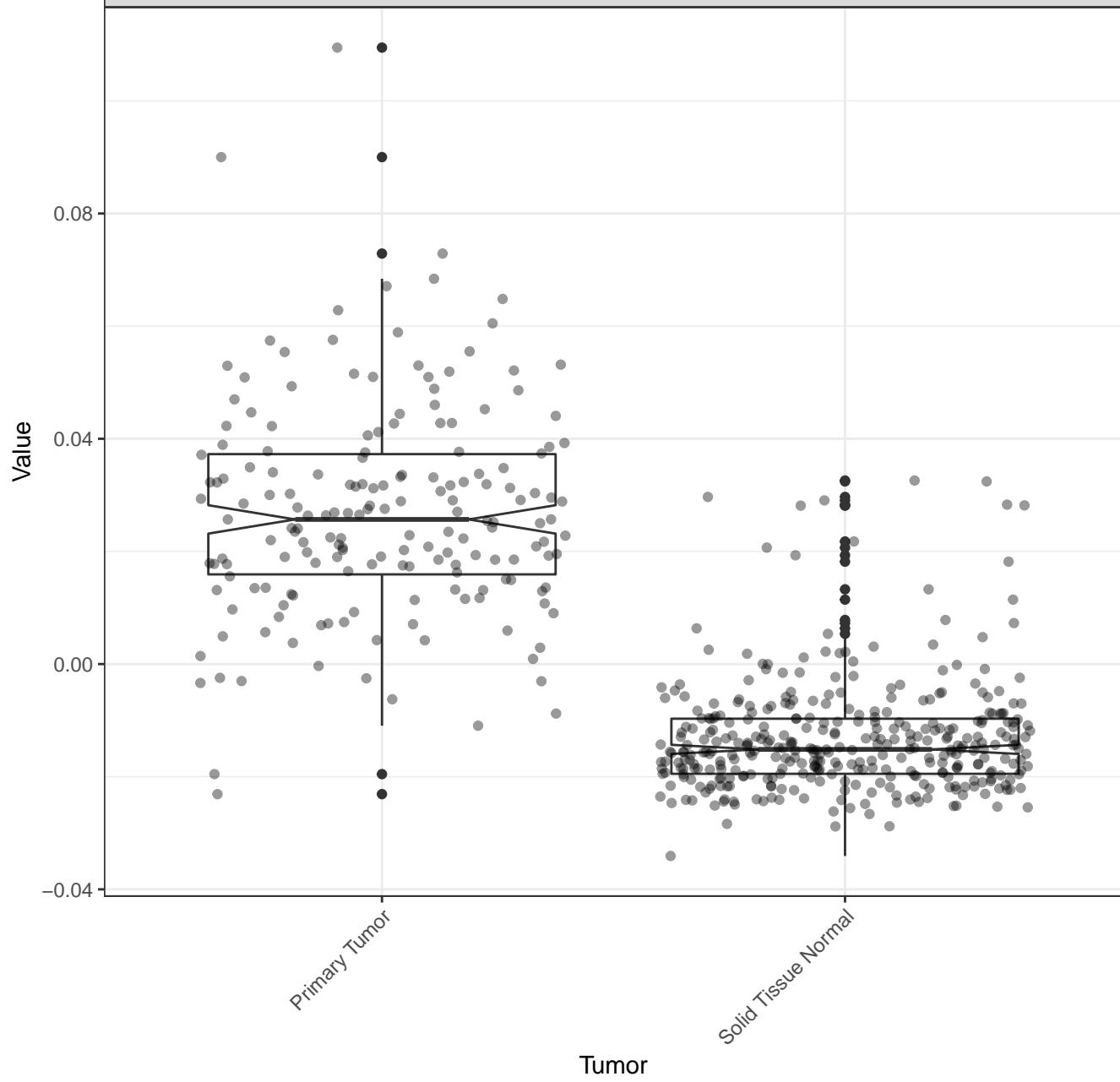
Solid Tissue Normal

Tumor



358,ST\_ERK1\_ERK2\_MAPK\_PATHWAY





## 360,IRIS\_DendriticCell-LPSstimulated

Value

0.06

0.04

0.02

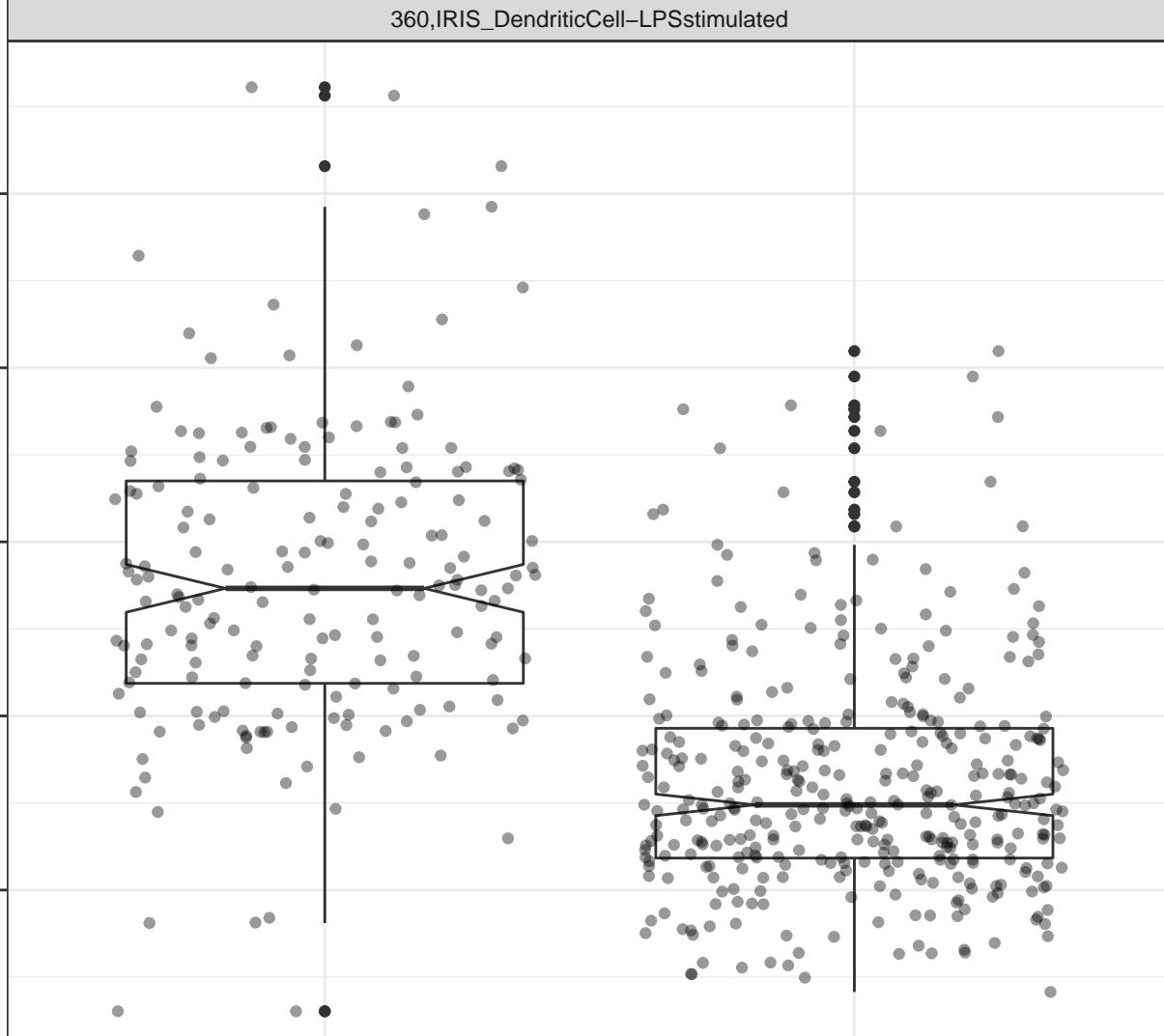
0.00

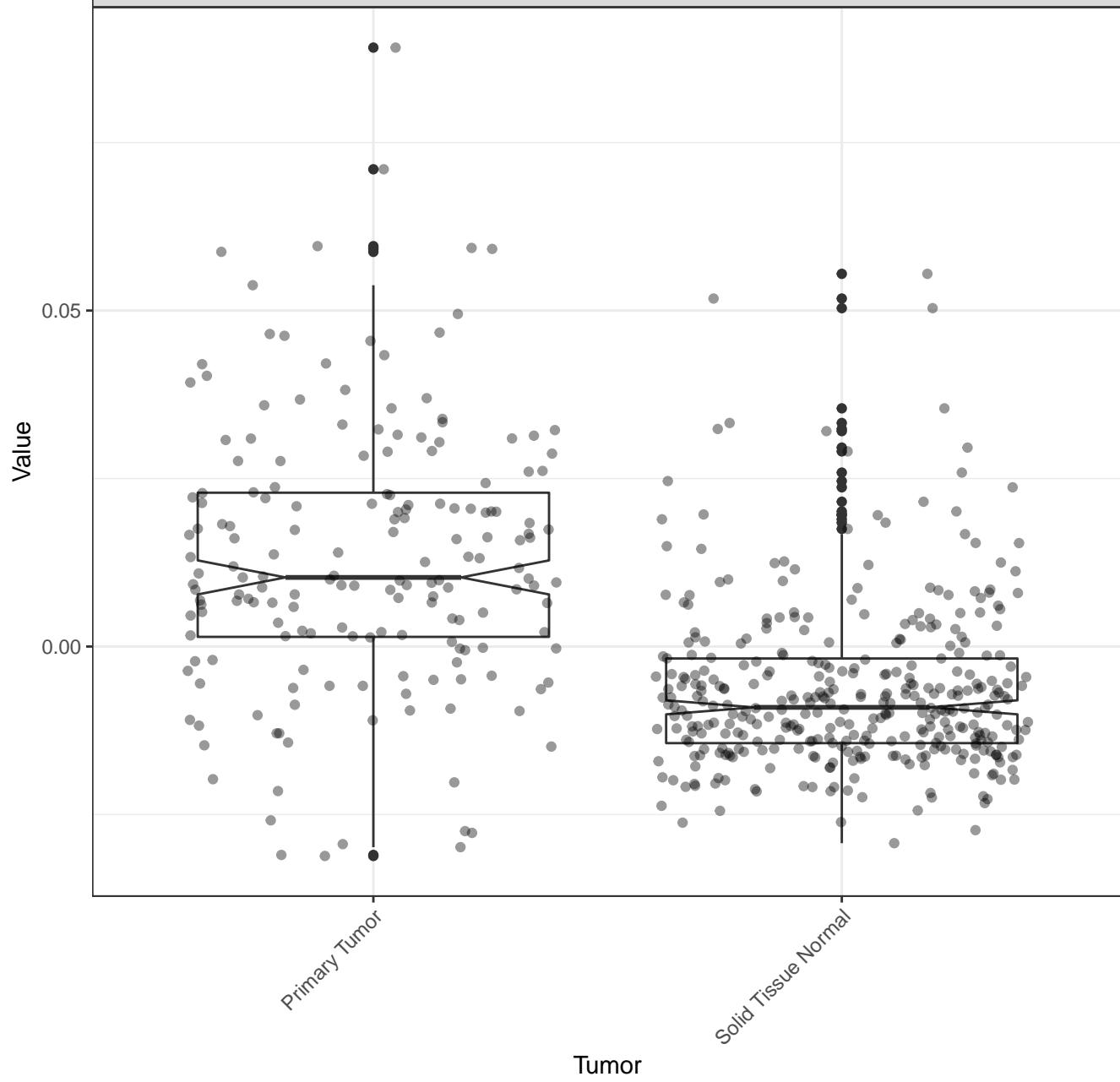
-0.02

Primary Tumor

Solid Tissue Normal

Tumor





Value

0.10

0.05

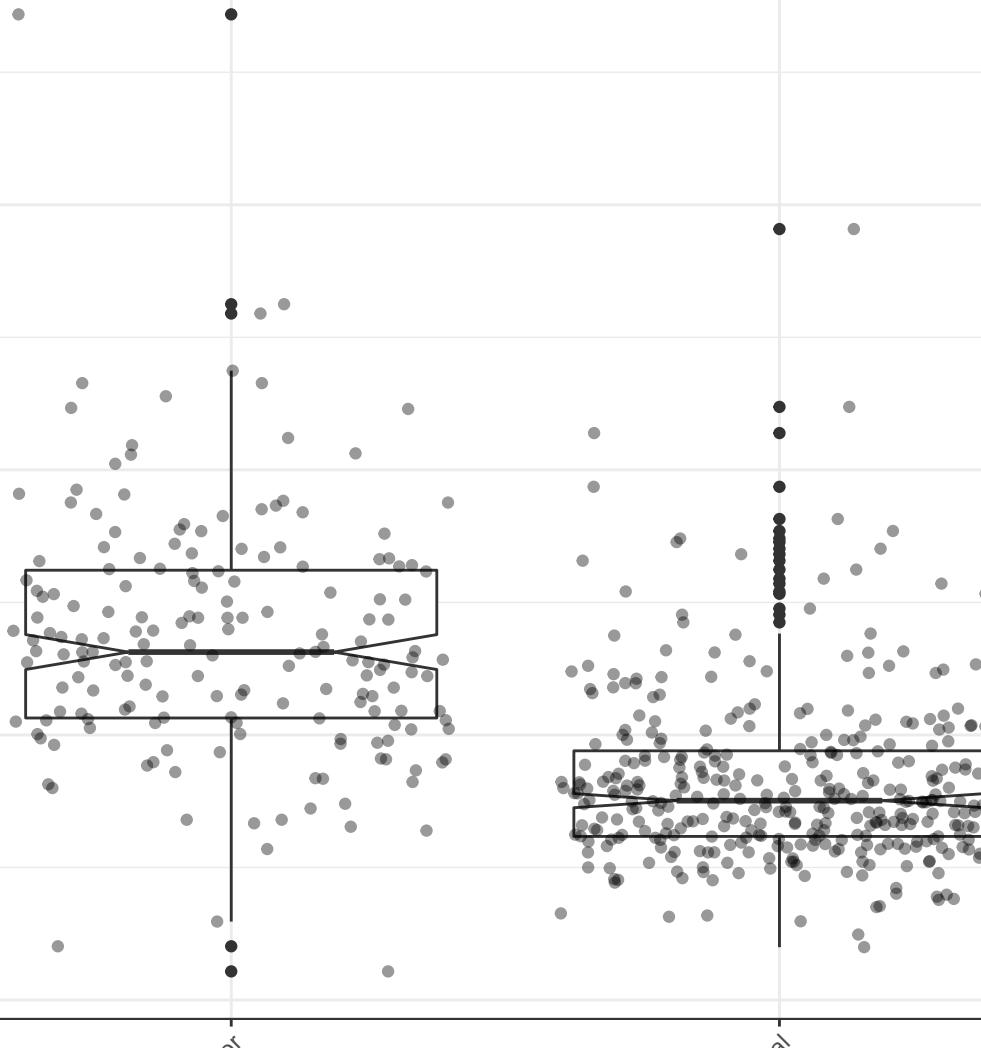
0.00

-0.05

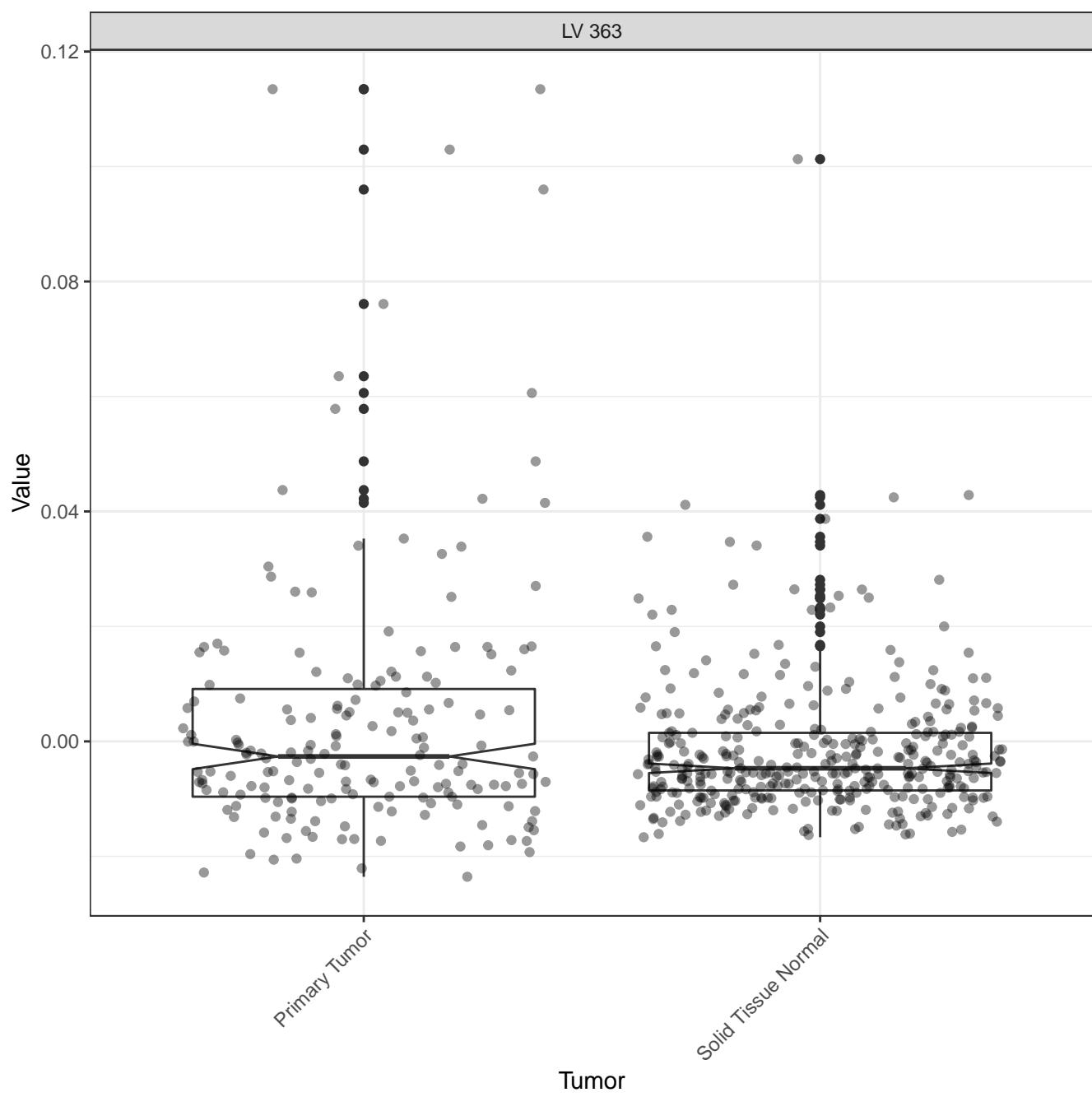
Primary Tumor

Solid Tissue Normal

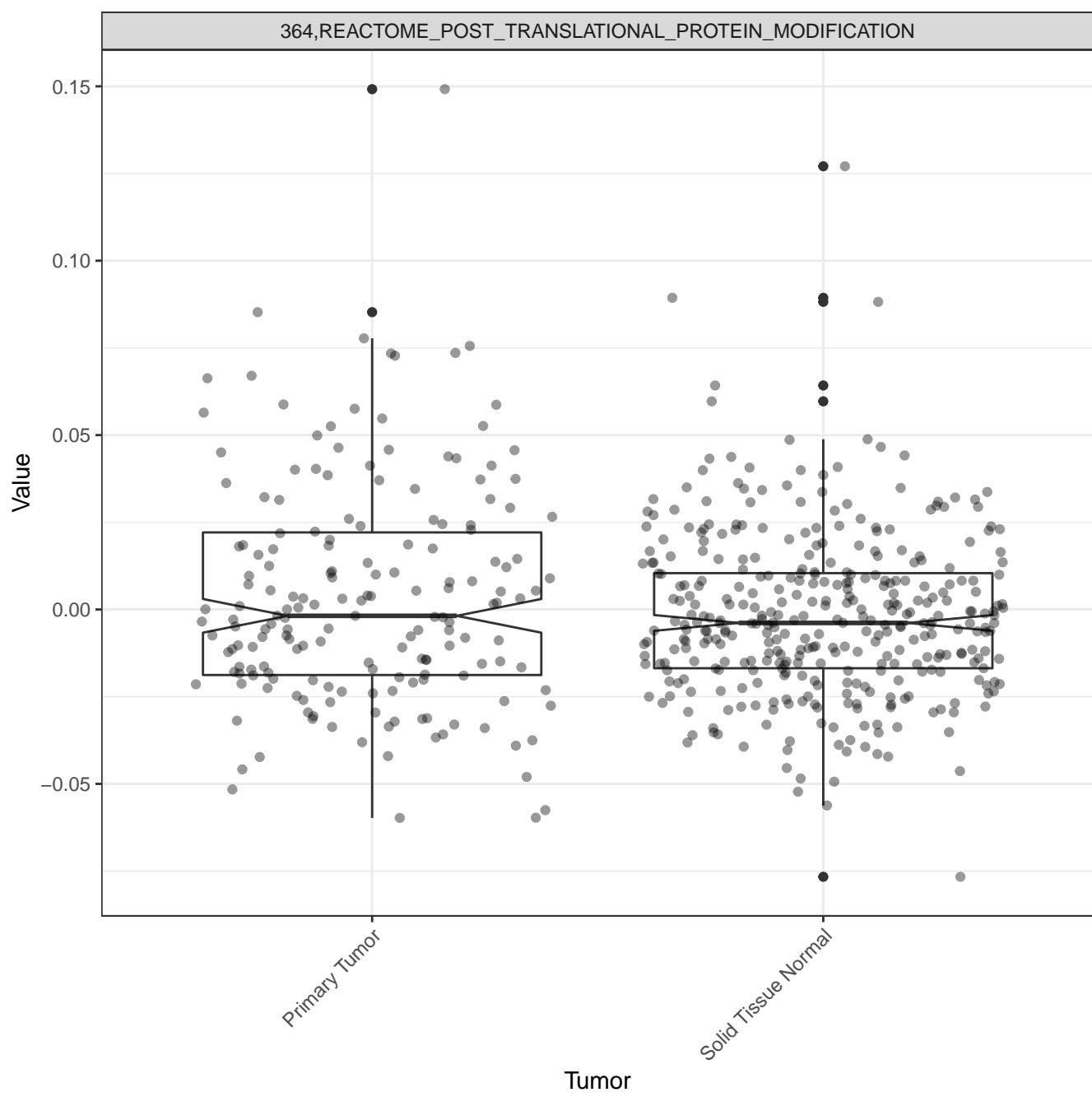
Tumor



LV 363



### 364,REACTOME\_POST\_TRANSLATIONAL\_PROTEIN\_MODIFICATION



Value

0.10

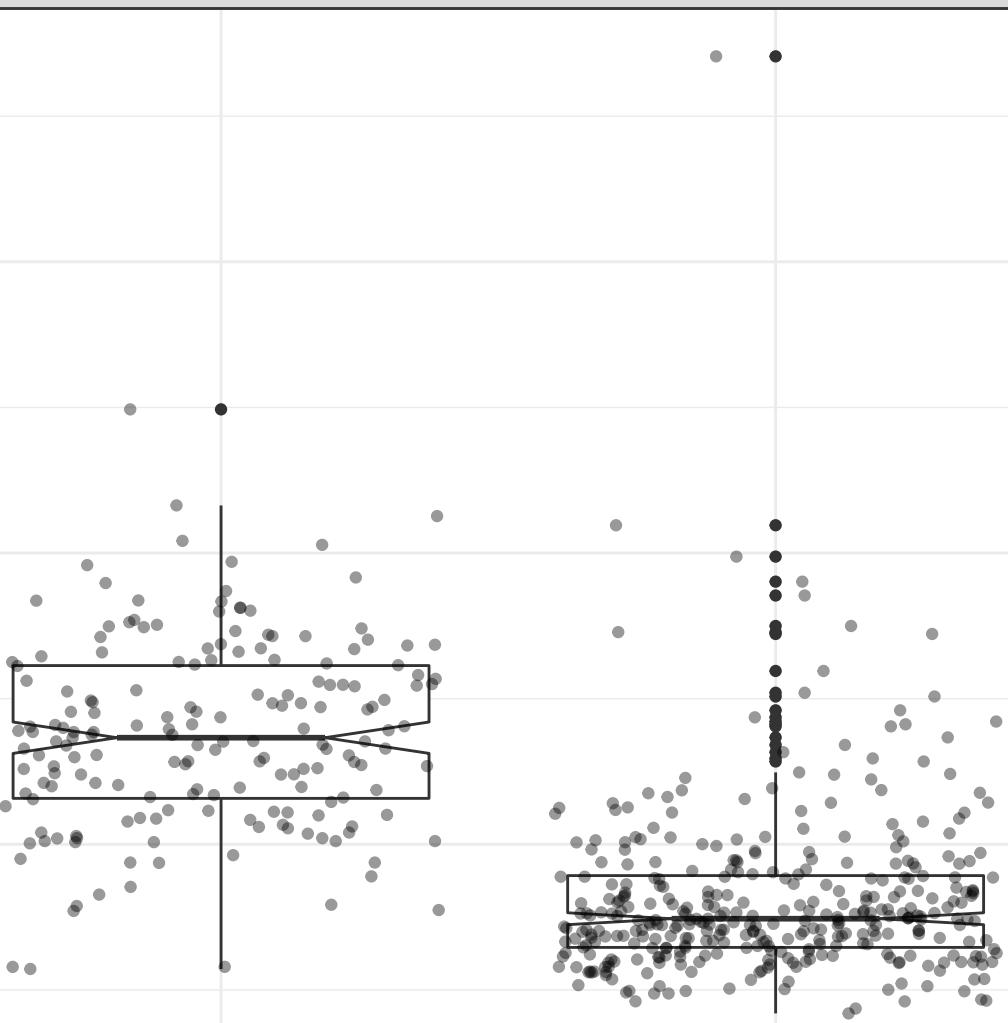
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



LV 366

Value

0.12

0.08

0.04

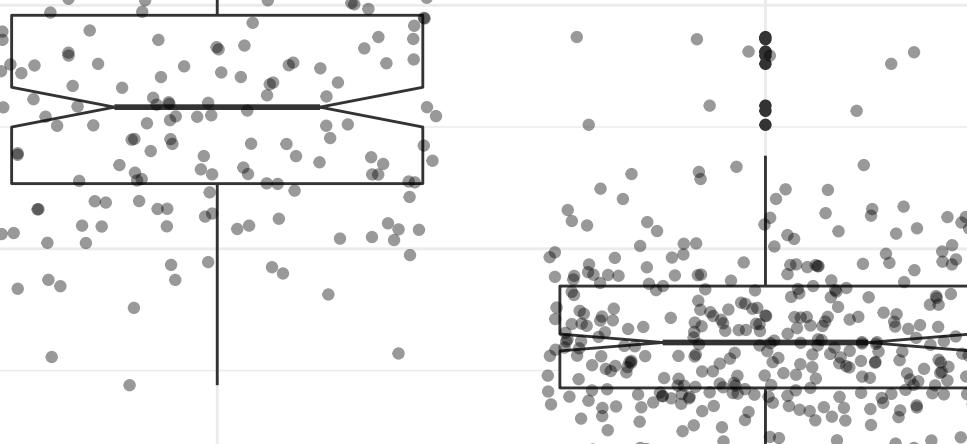
0.00

-0.04

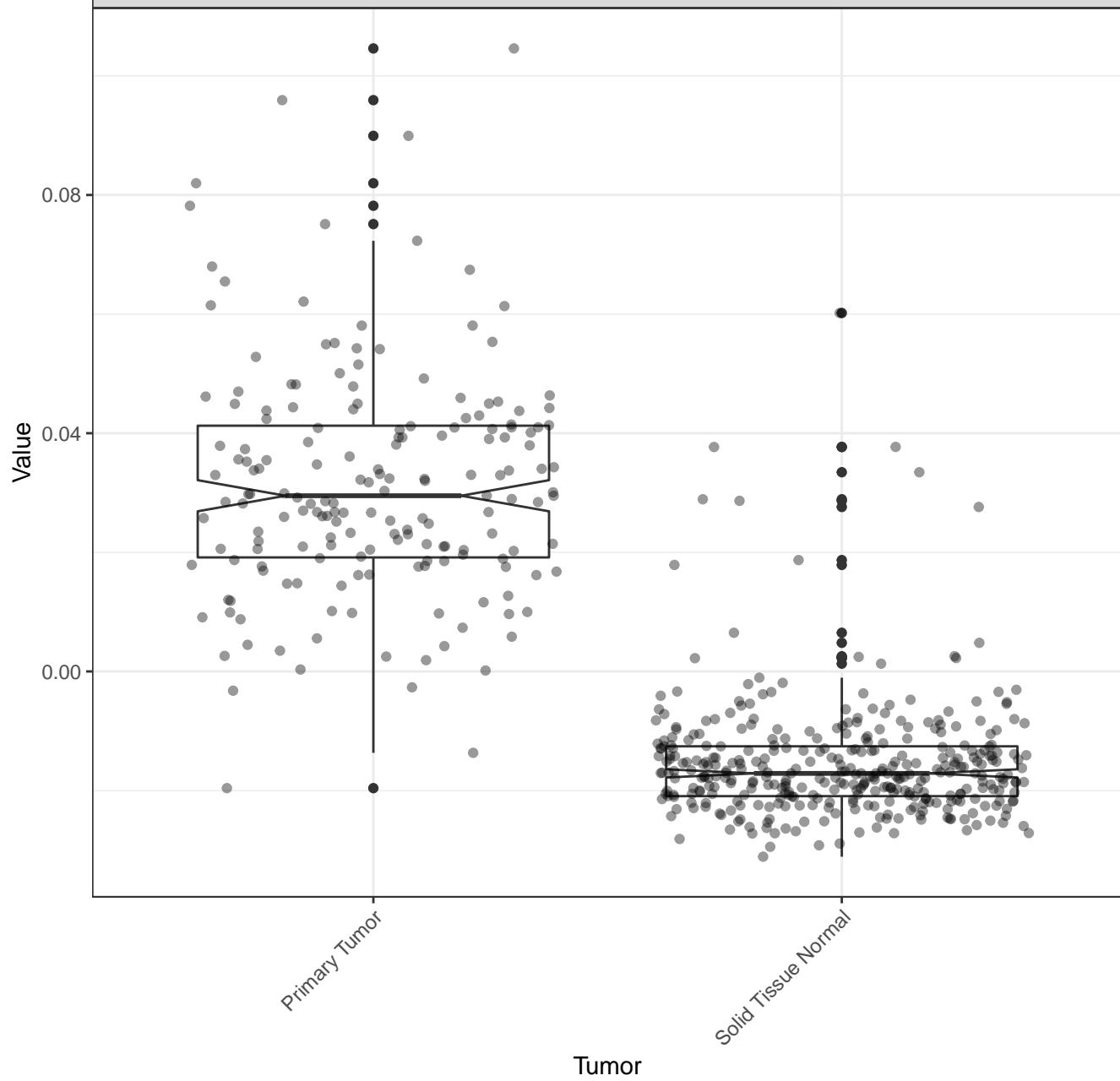
Primary Tumor

Solid Tissue Normal

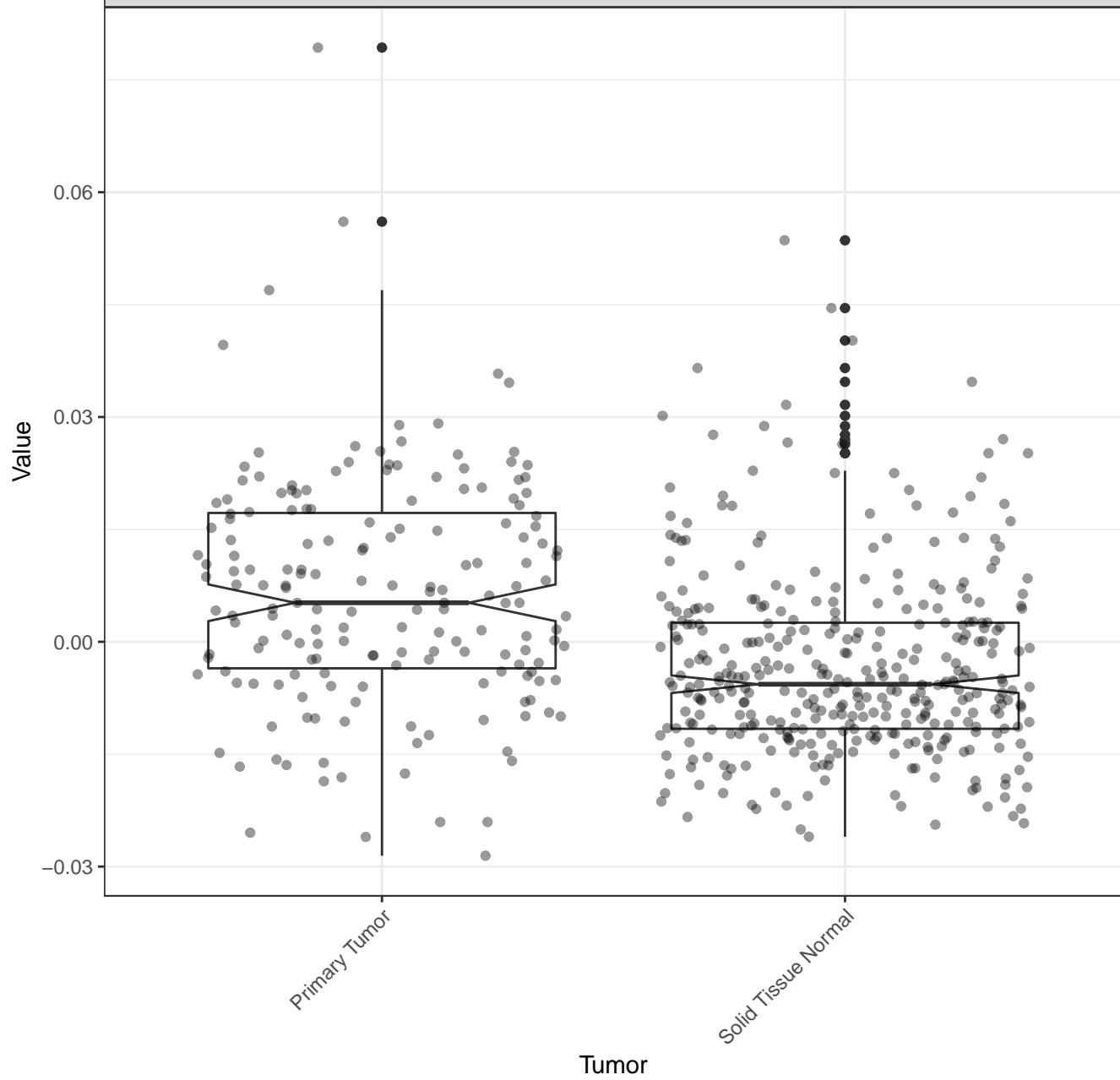
Tumor



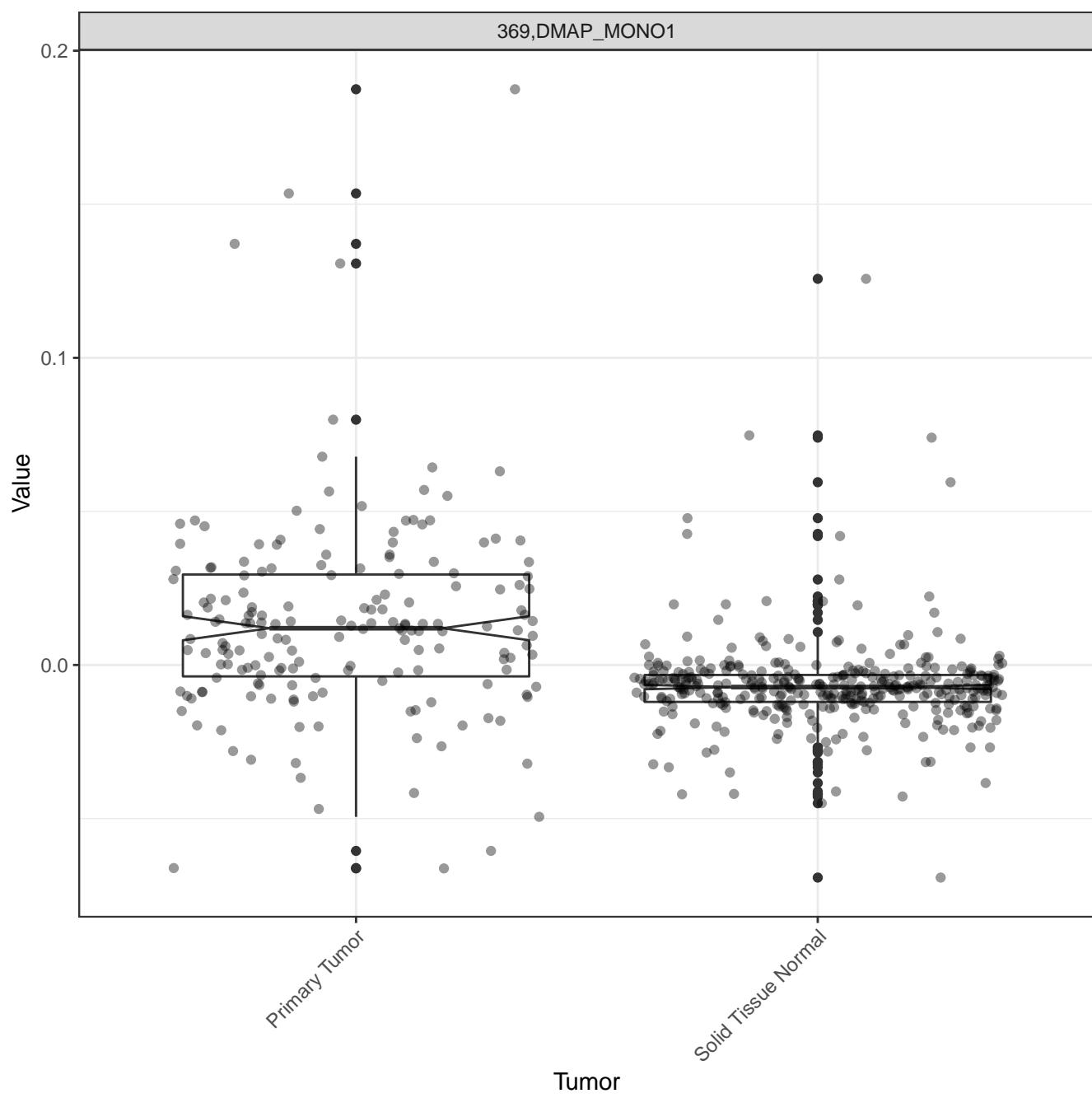
## 367,PID\_FANCONI\_PATHWAY



368,KEGG\_AXON\_GUIDANCE



369,DMAP\_MONO1



## 370,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.3

0.2

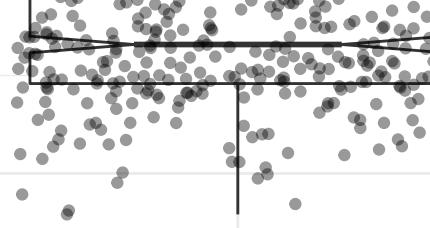
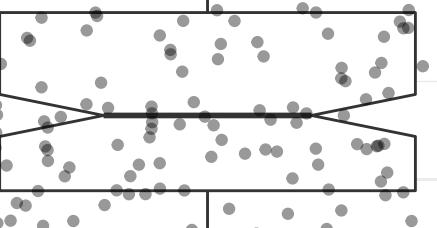
0.1

-0.1

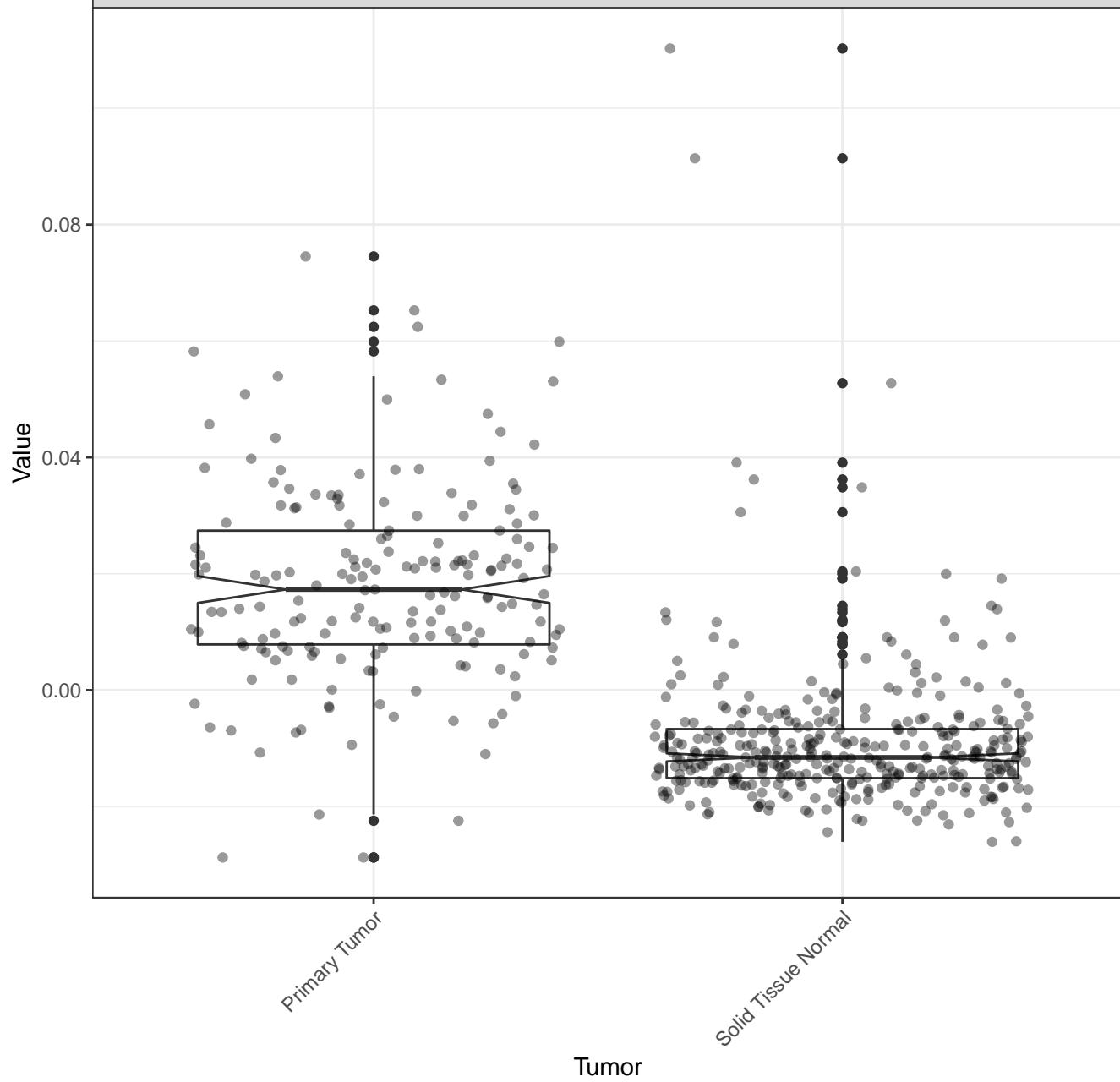
Primary Tumor

Solid Tissue Normal

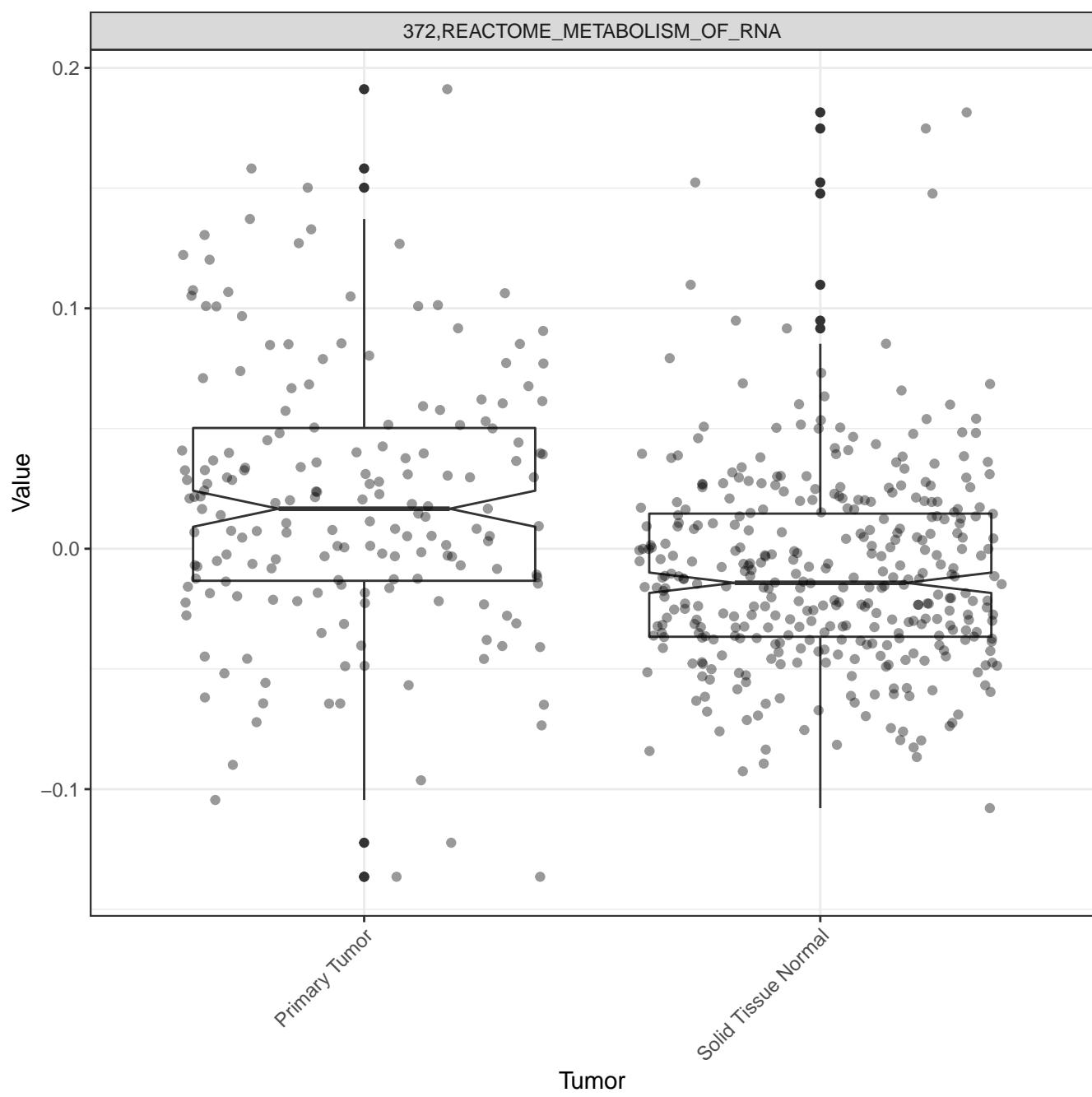
Tumor



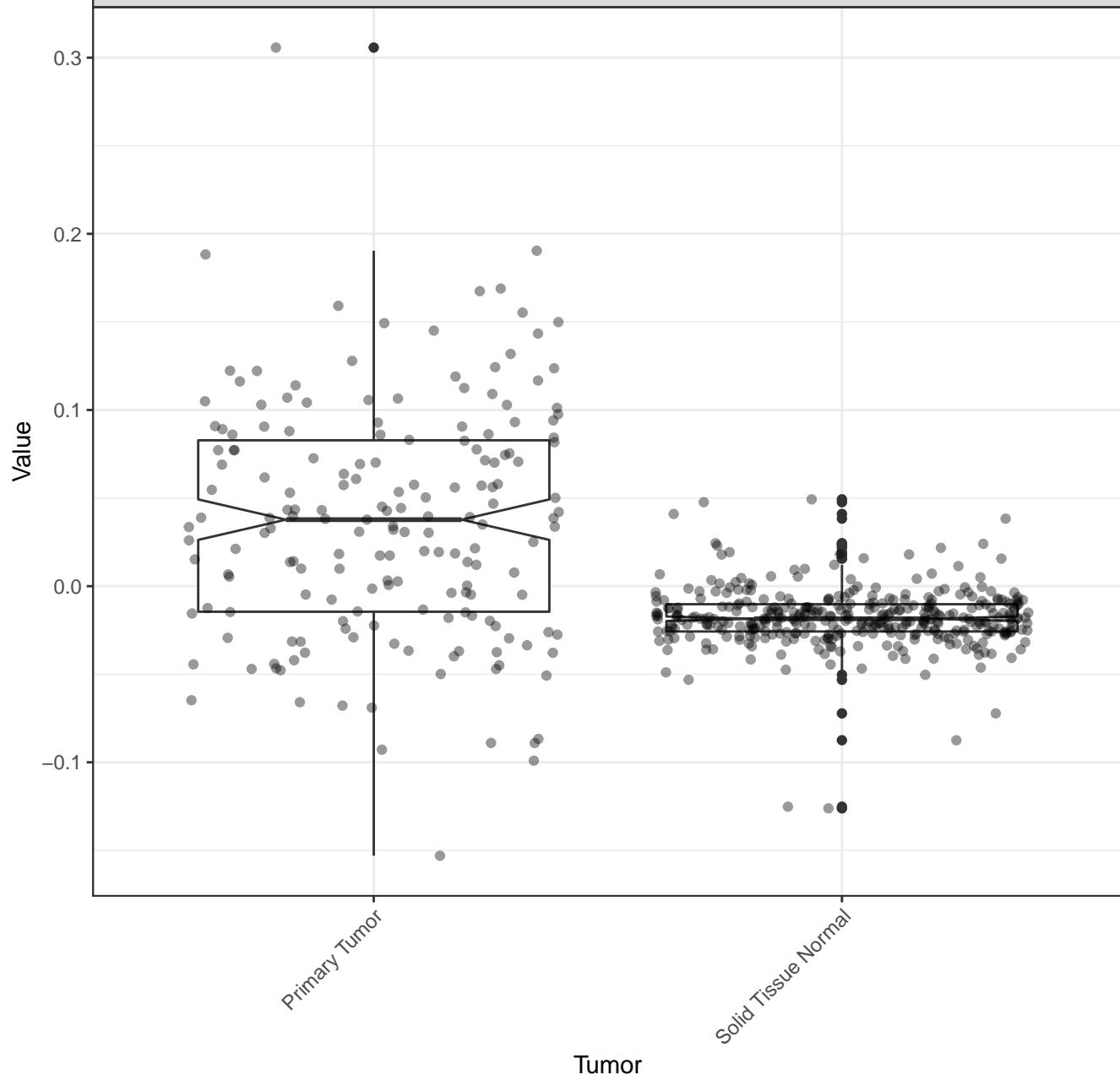
### 371,PID\_ERBB1\_DOWNSTREAM\_PATHWAY



## 372,REACTOME\_METABOLISM\_OF\_RNA



### 373,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS



## 374,DMAP\_TCELLA2

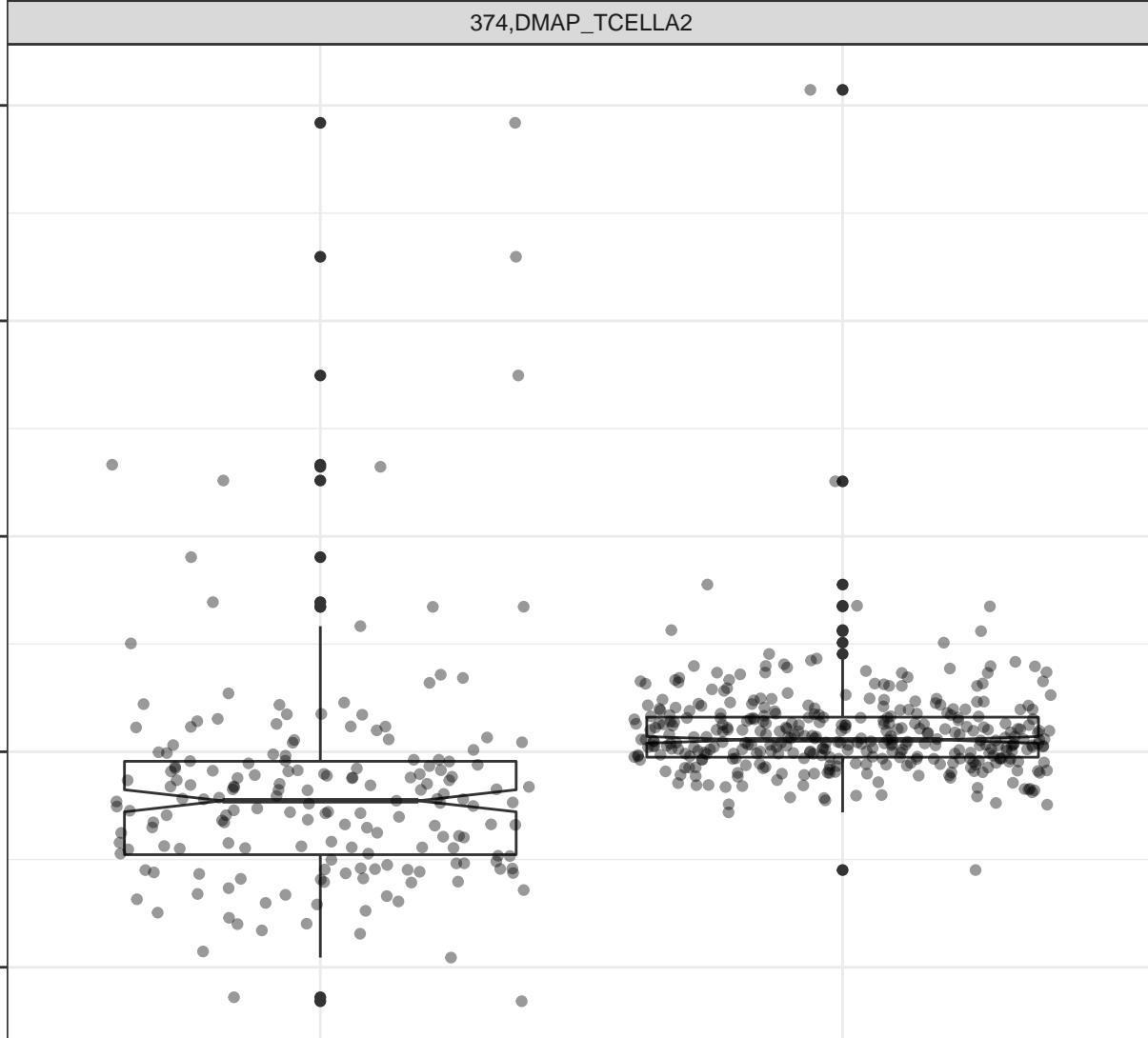
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



### 375,KEGG\_NUCLEOTIDE\_EXCISION\_REPAIR

Value

0.05

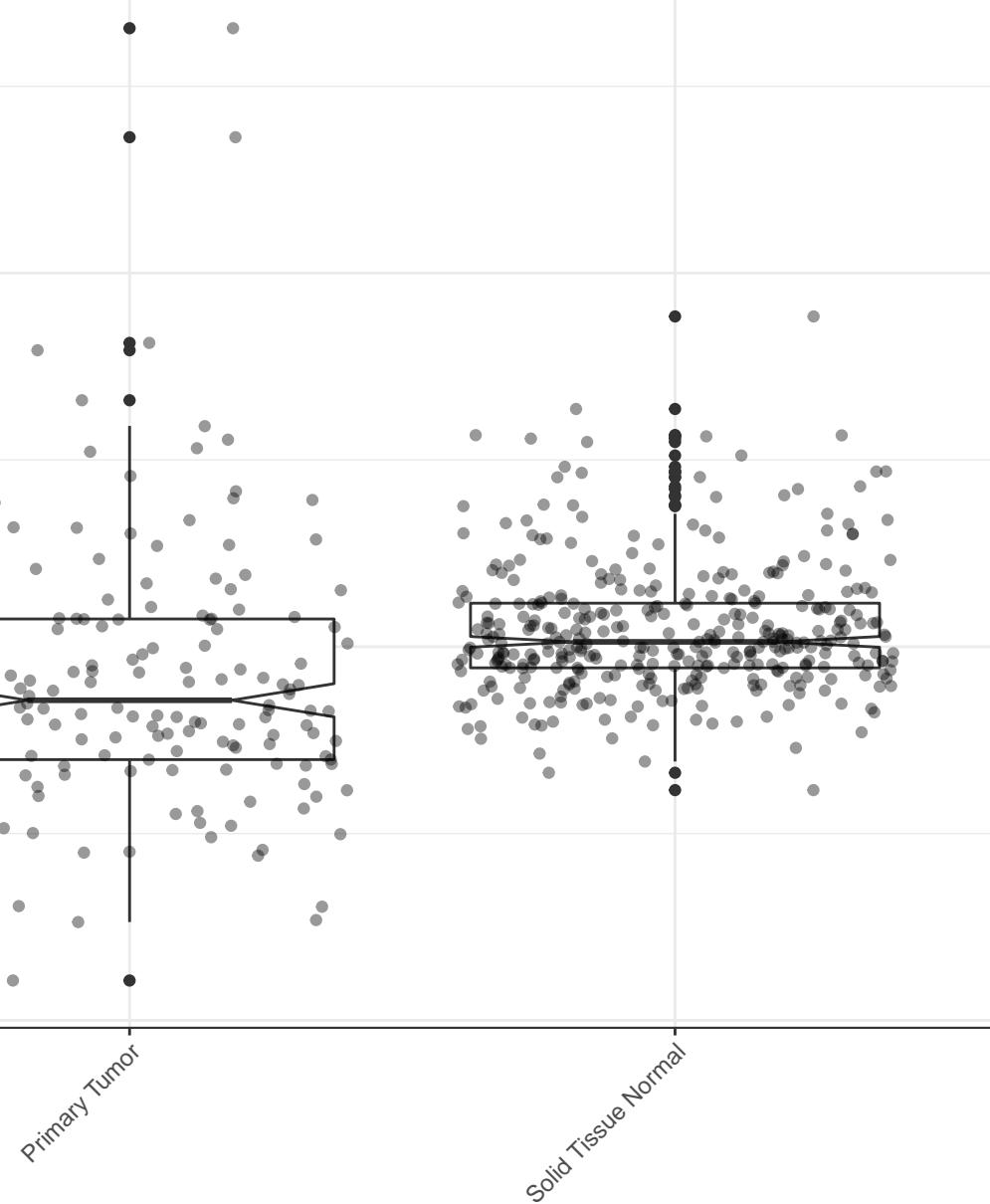
0.00

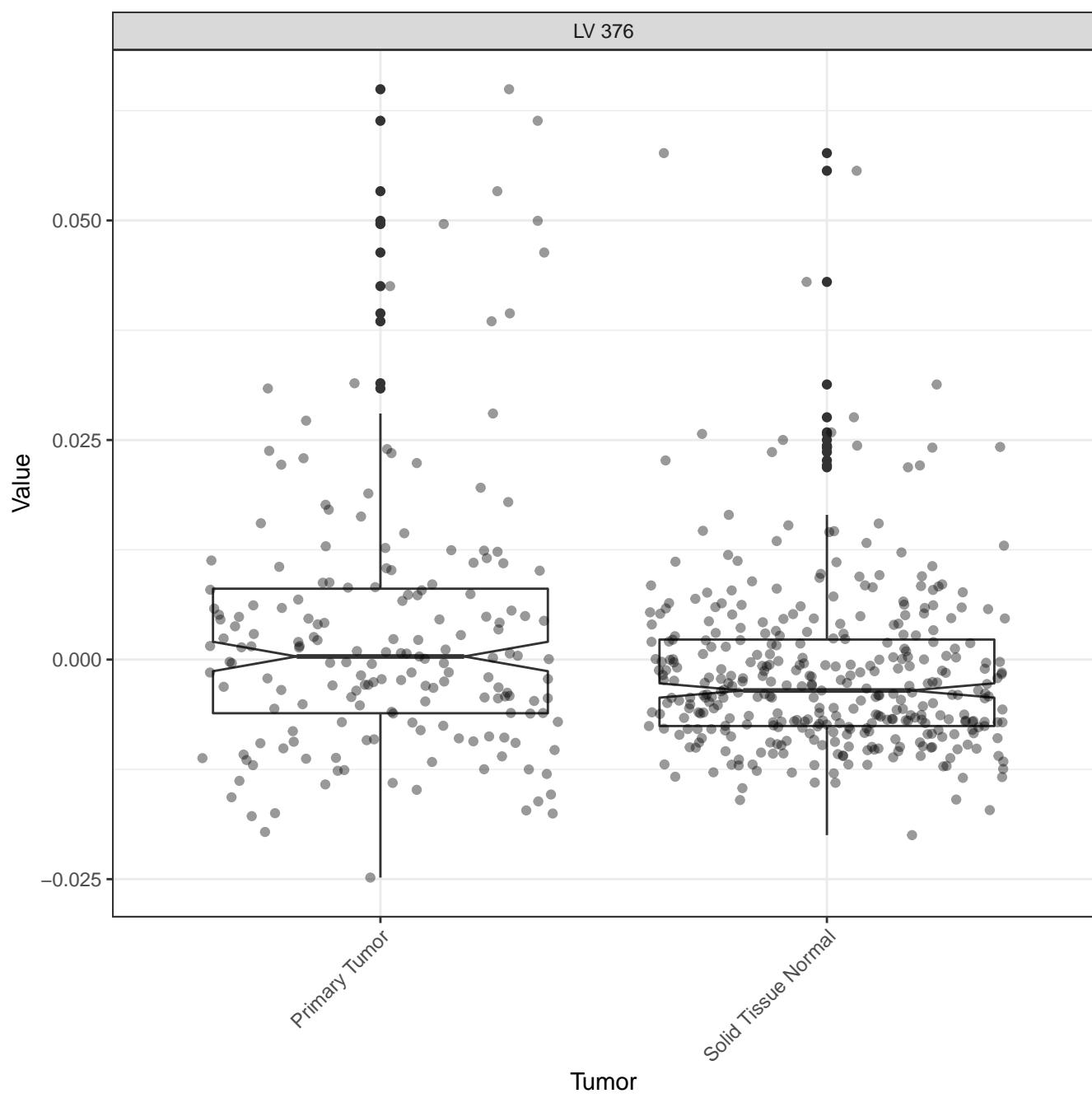
-0.05

Primary Tumor

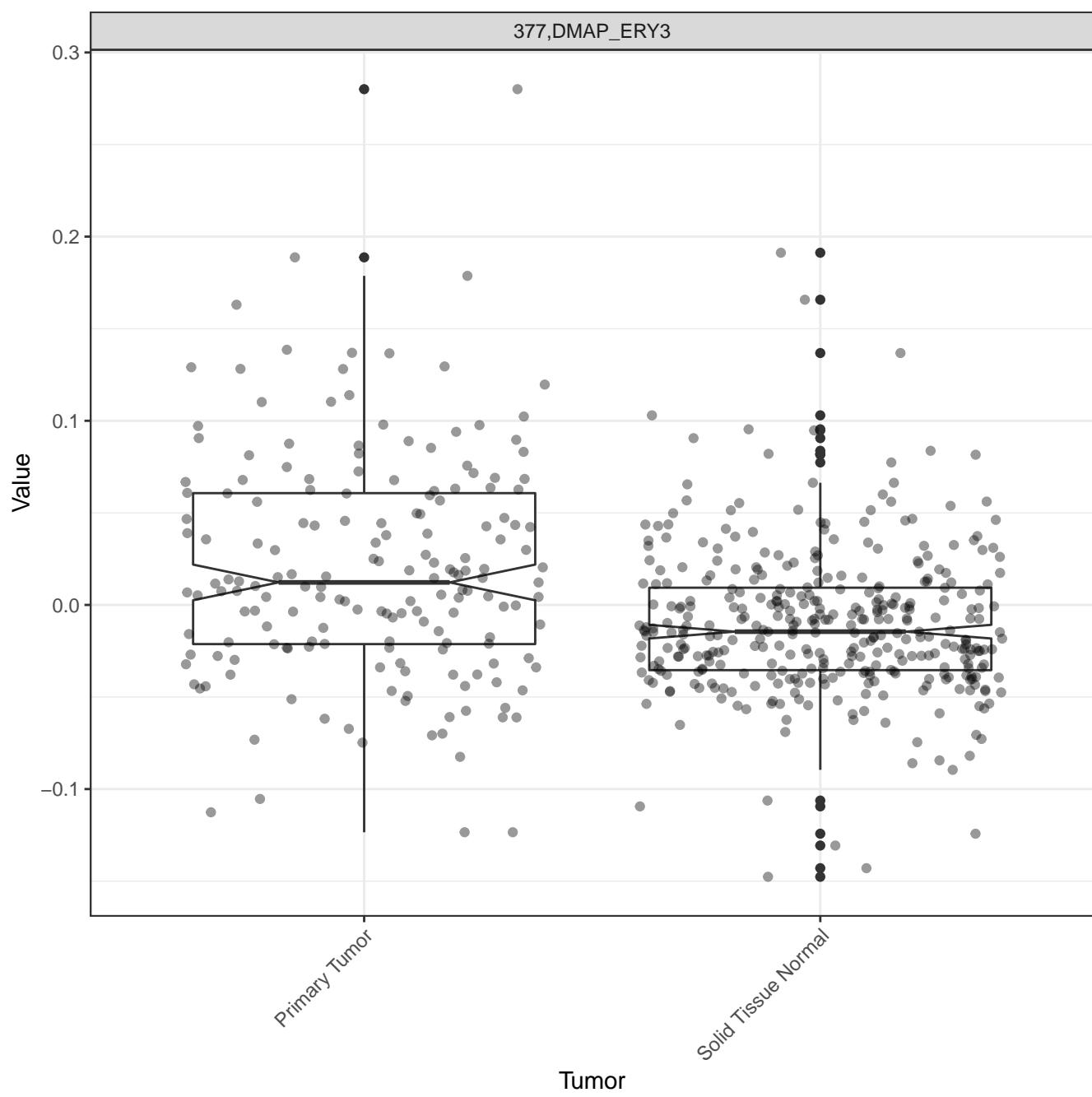
Solid Tissue Normal

Tumor

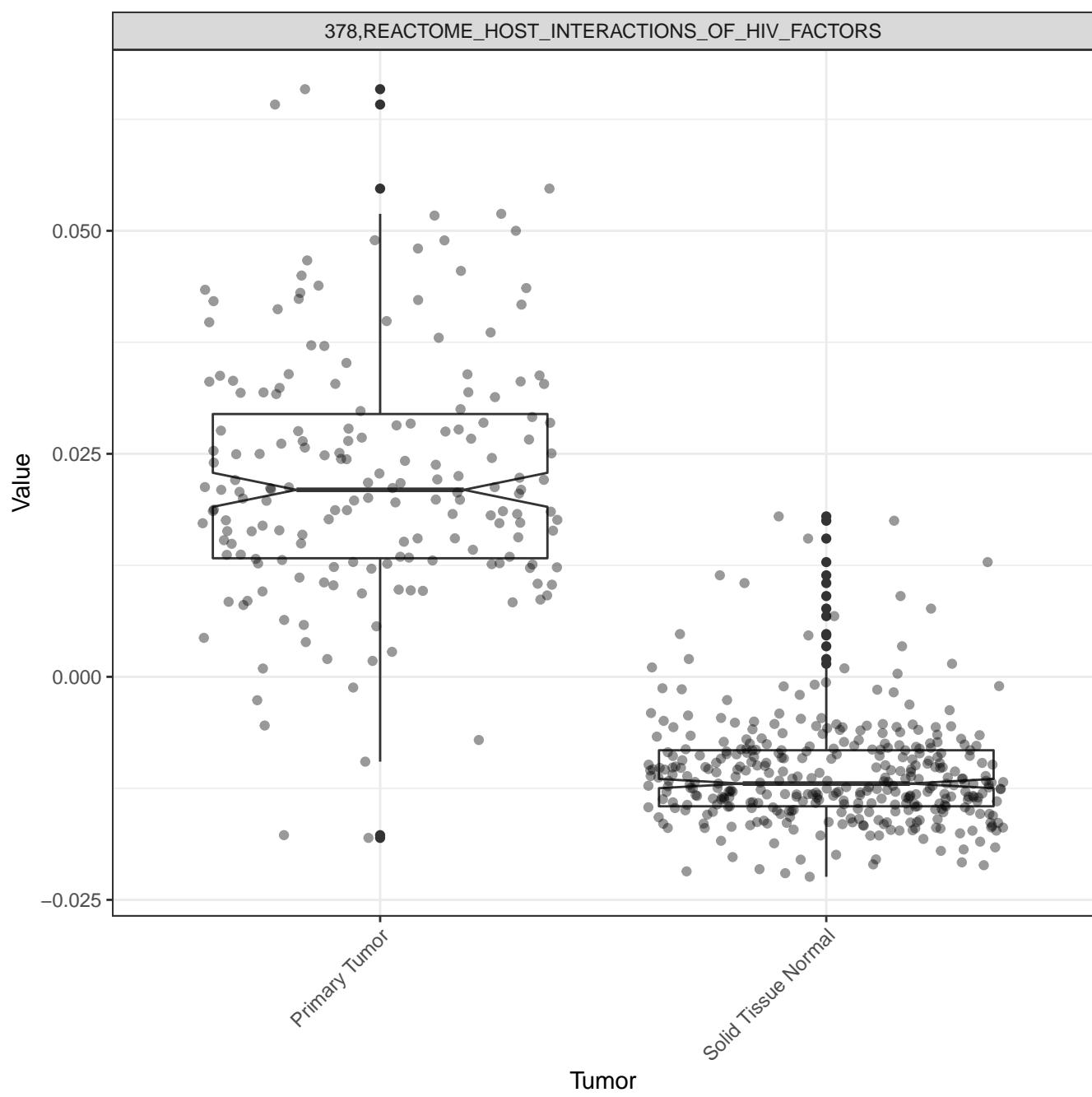




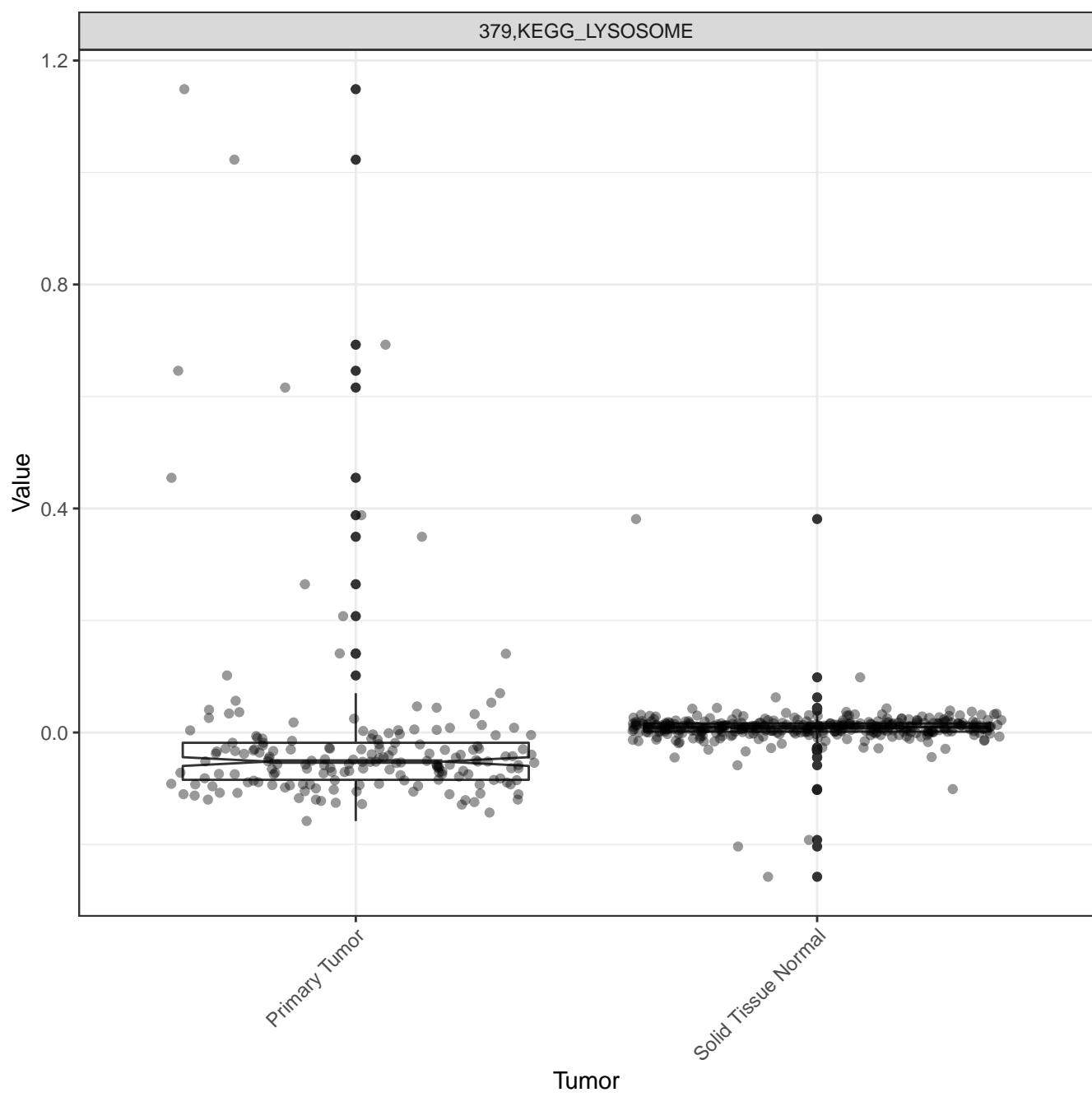
377,DMAP\_ERY3



378,REACTOME\_HOST\_INTERACTIONS\_OF\_HIV\_FACTORS



## 379,KEGG\_LYSOSOME



Value

0.3

0.2

0.1

0.0

-0.1

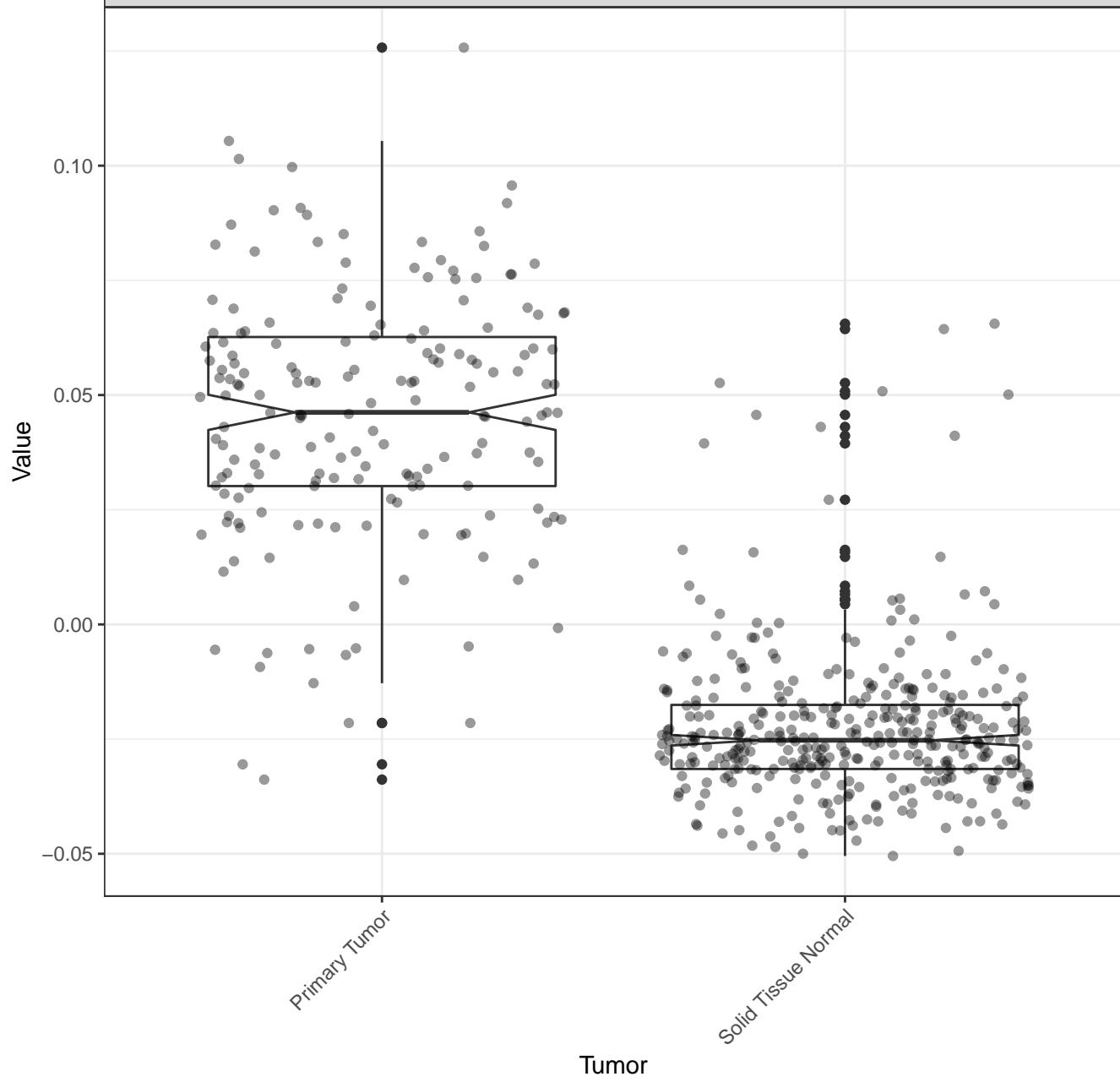
Primary Tumor

Solid Tissue Normal

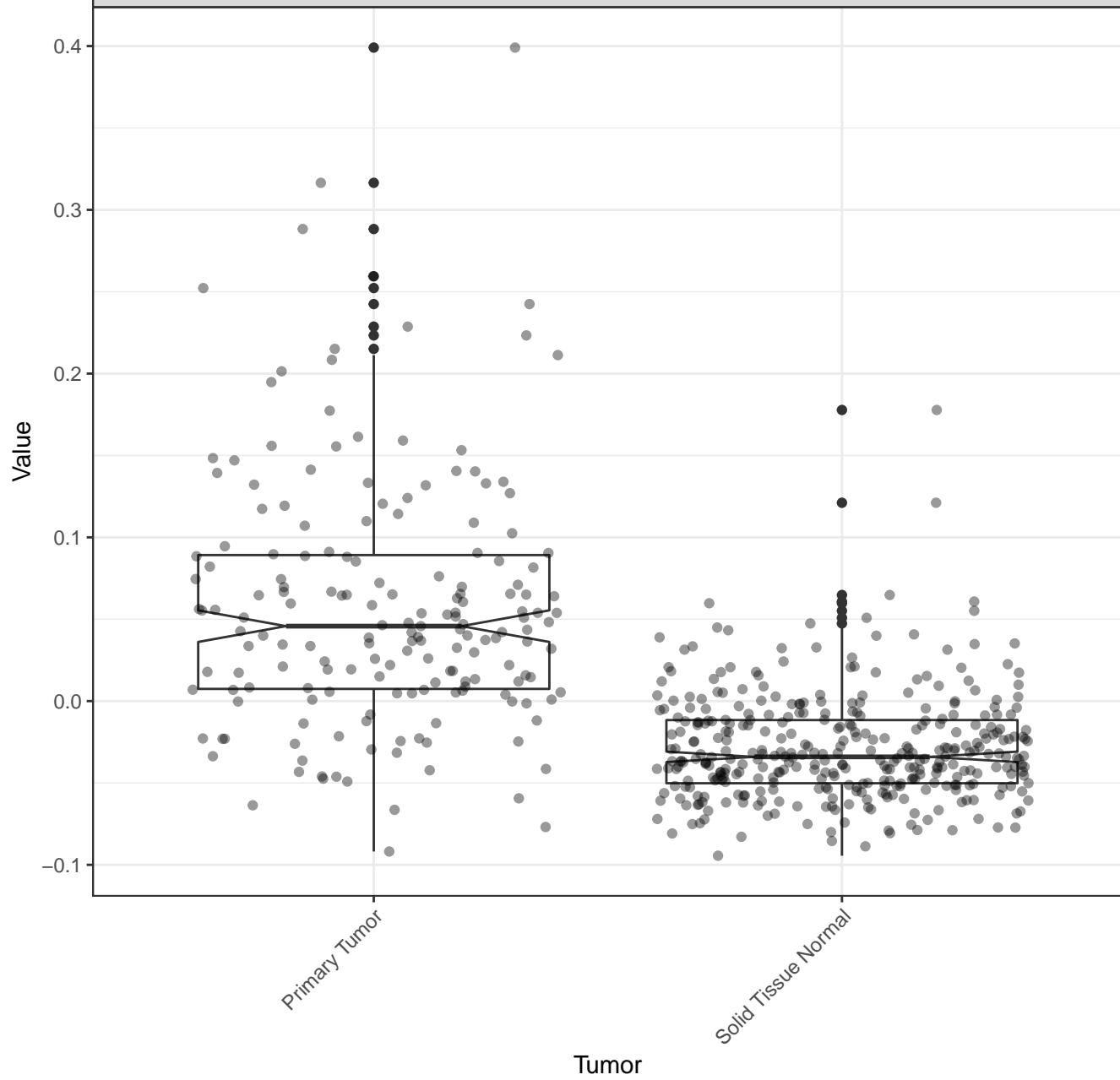
Tumor



## 381,MIPS\_SPLICEOSOME



382,MIPS\_NOP56P\_ASSOCIATED\_PRE\_RRNA\_COMPLEX



Value

0.075

0.050

0.025

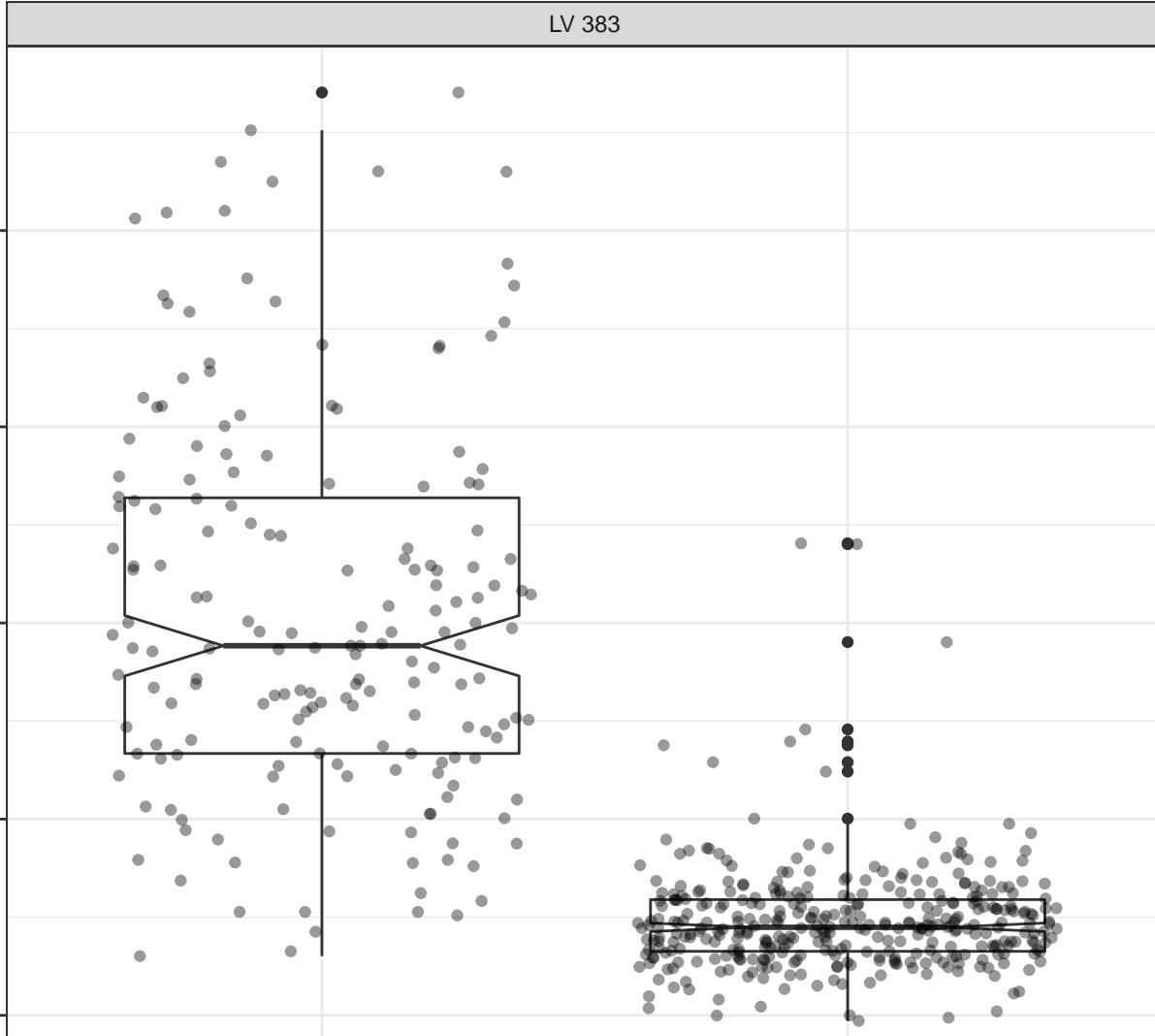
0.000

-0.025

Primary Tumor

Tumor

Solid Tissue Normal



## 384,PID\_INTEGRIN1\_PATHWAY

