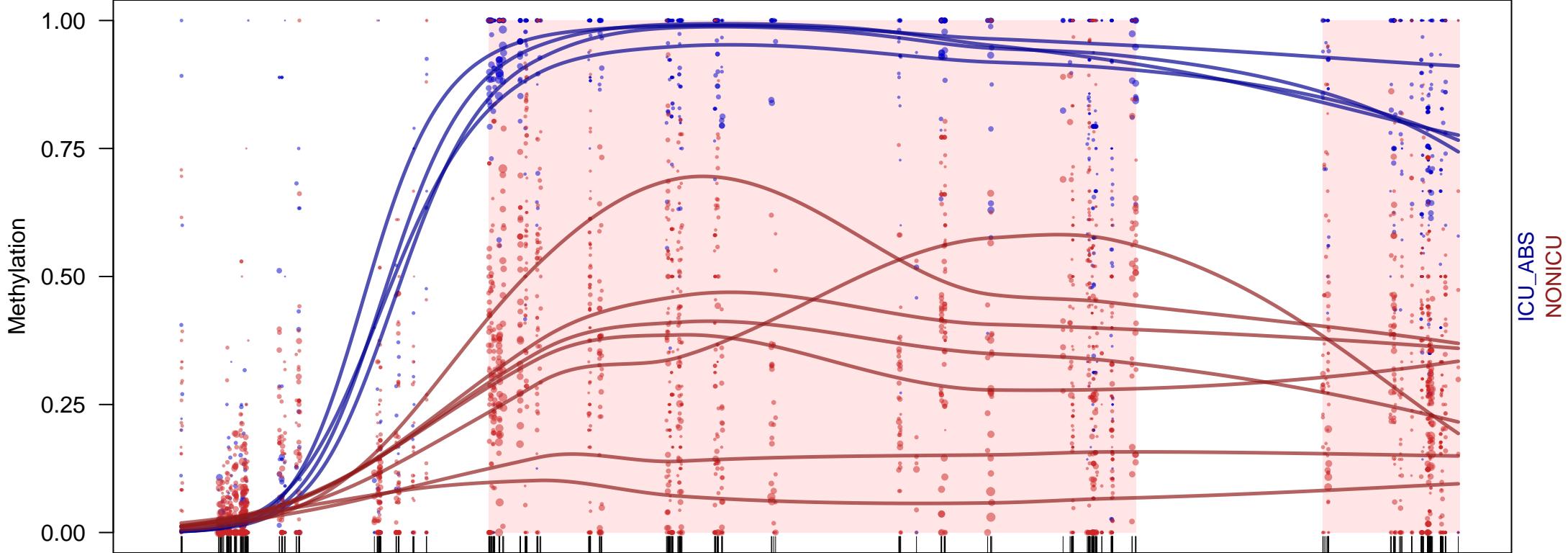


chr7: 27,106,546 – 27,131,932 (width = 25,387)



CpGs

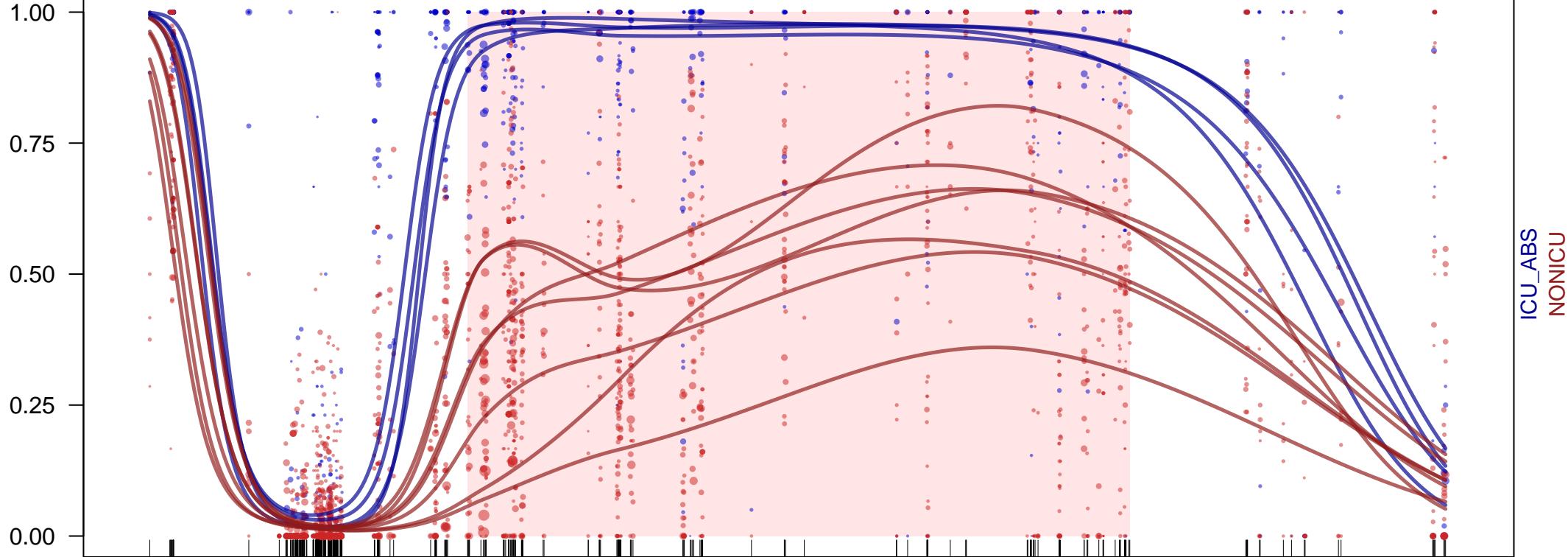


Exons



chr22: 46,078,161 – 46,108,730 (width = 30,570)

Methylation



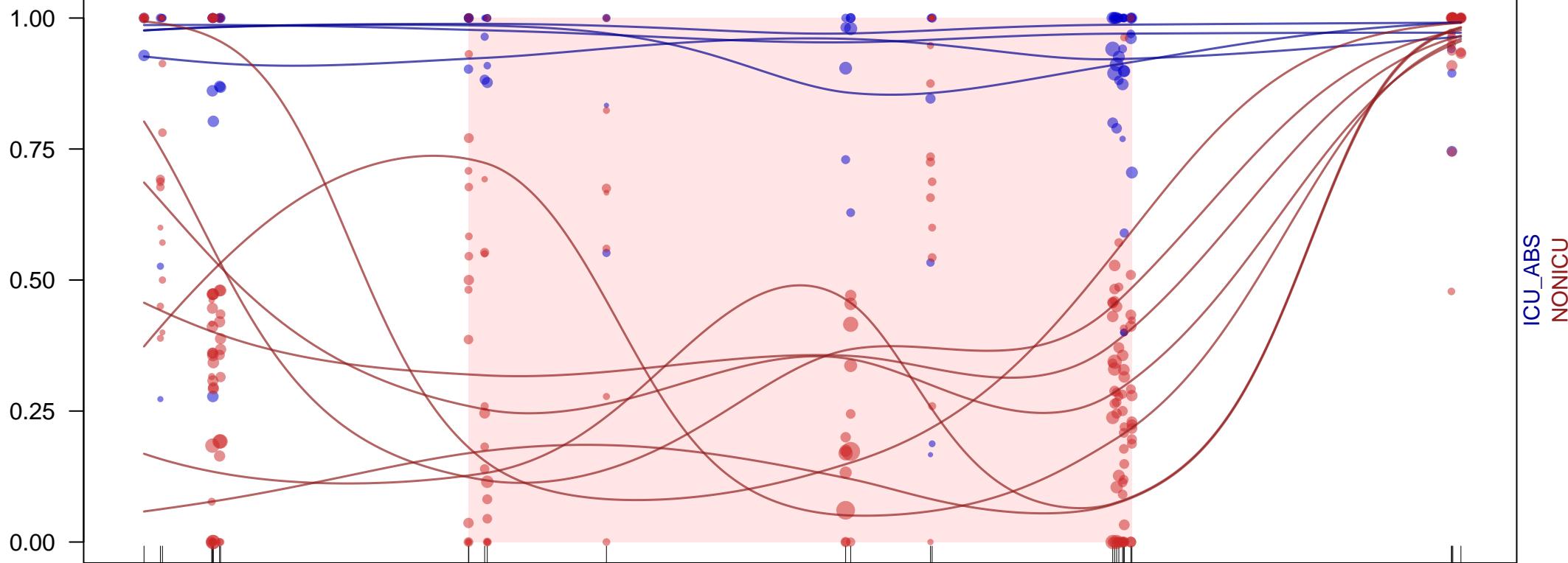
CpGs



Exons

chr16: 81,598,893 – 81,612,752 (width = 13,860)

Methylation



CpGs

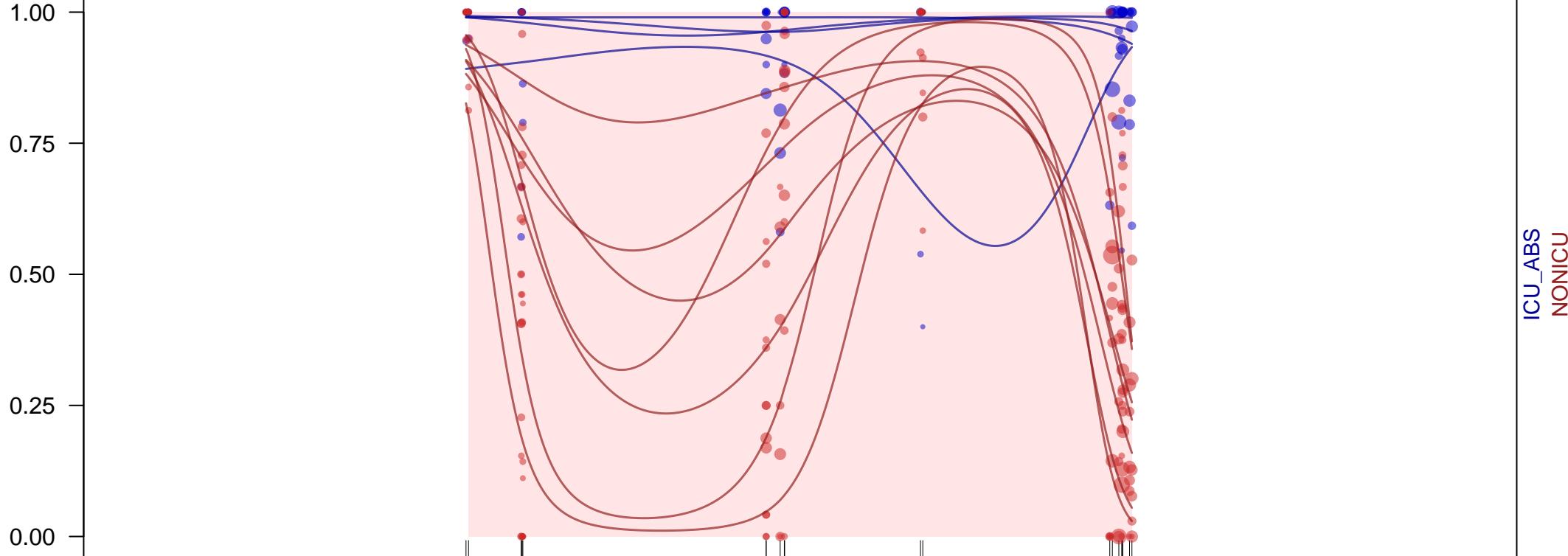
Island Shore Shelf Open Sea

CMIP

Exons

chr6: 38,164,945 – 38,177,349 (width = 12,405)

Methylation



CpGs



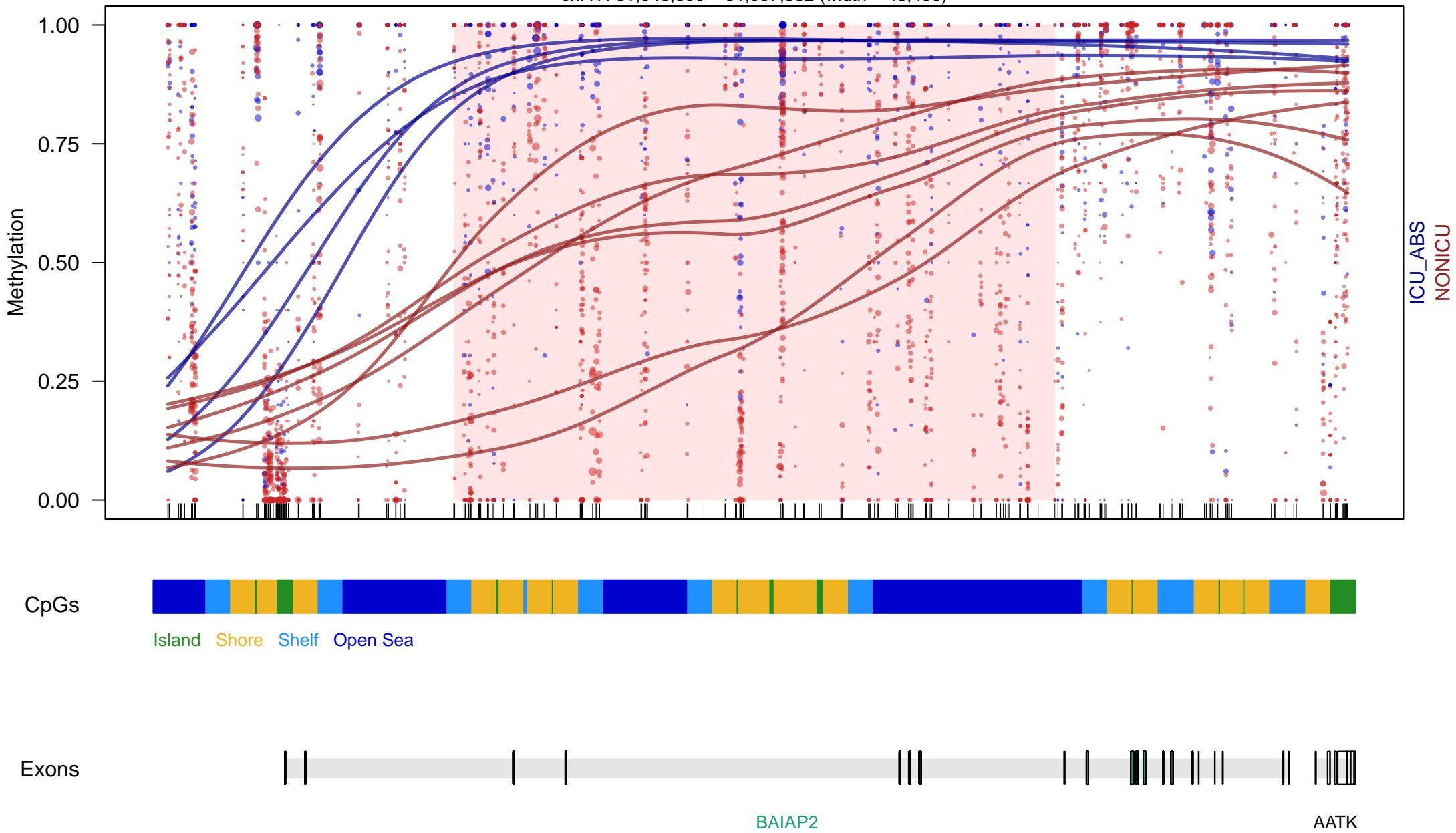
Island Shore Shelf Open Sea

Exons



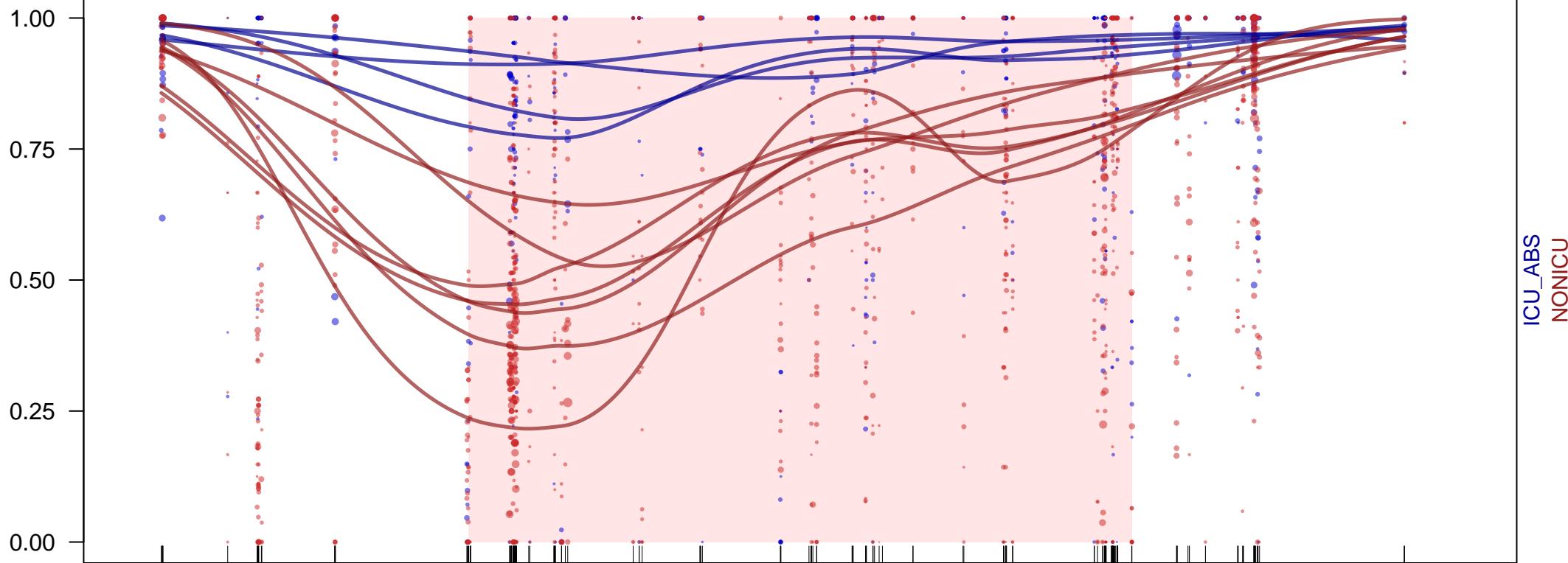
BTBD9

chr17: 81,048,890 – 81,097,382 (width = 48,493)



chr8: 143,183,513 – 143,222,549 (width = 39,037)

Methylation



CpGs



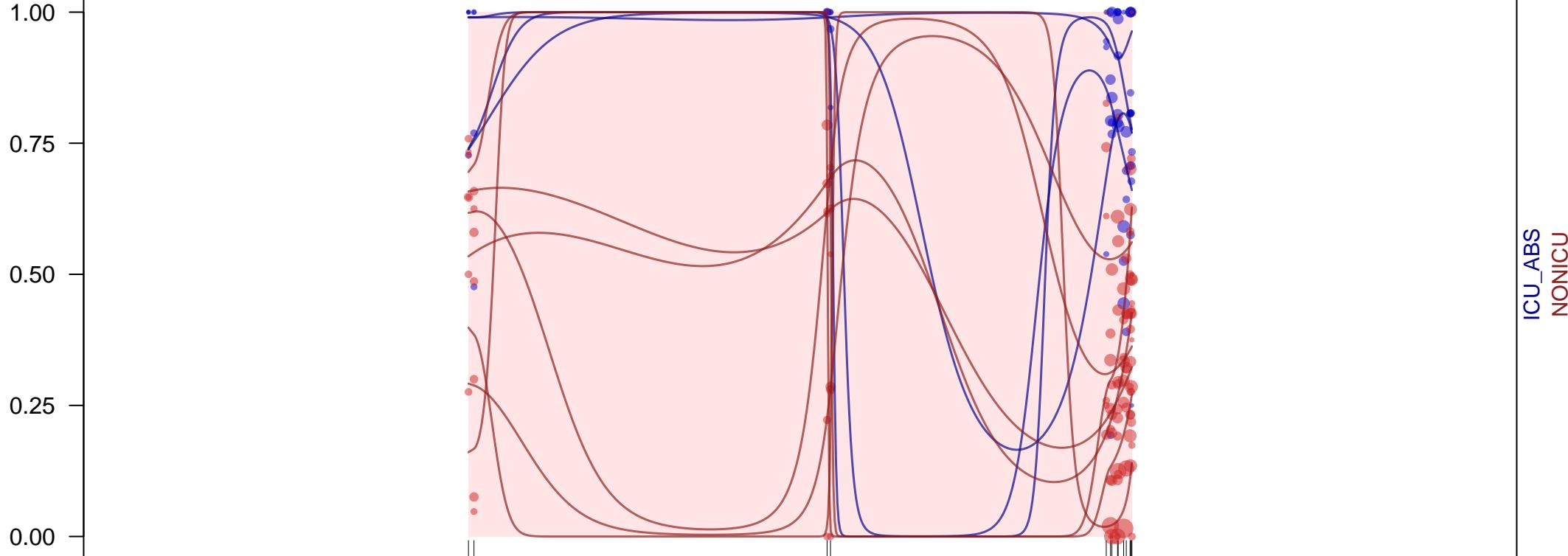
Exons



GPIHBP1

chr20: 57,038,787 – 57,048,100 (width = 9,314)

Methylation



CpGs

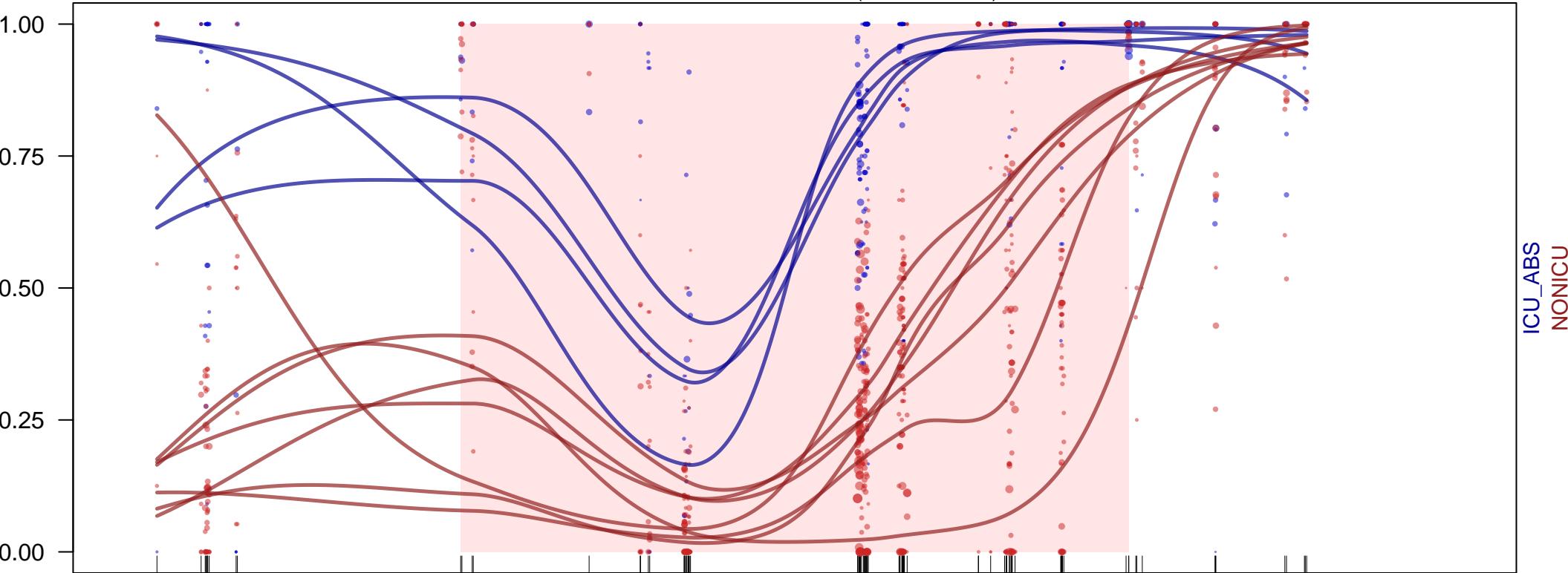


Island Shore Shelf Open Sea

Exons

chr19: 3,392,196 – 3,411,532 (width = 19,337)

Methylation



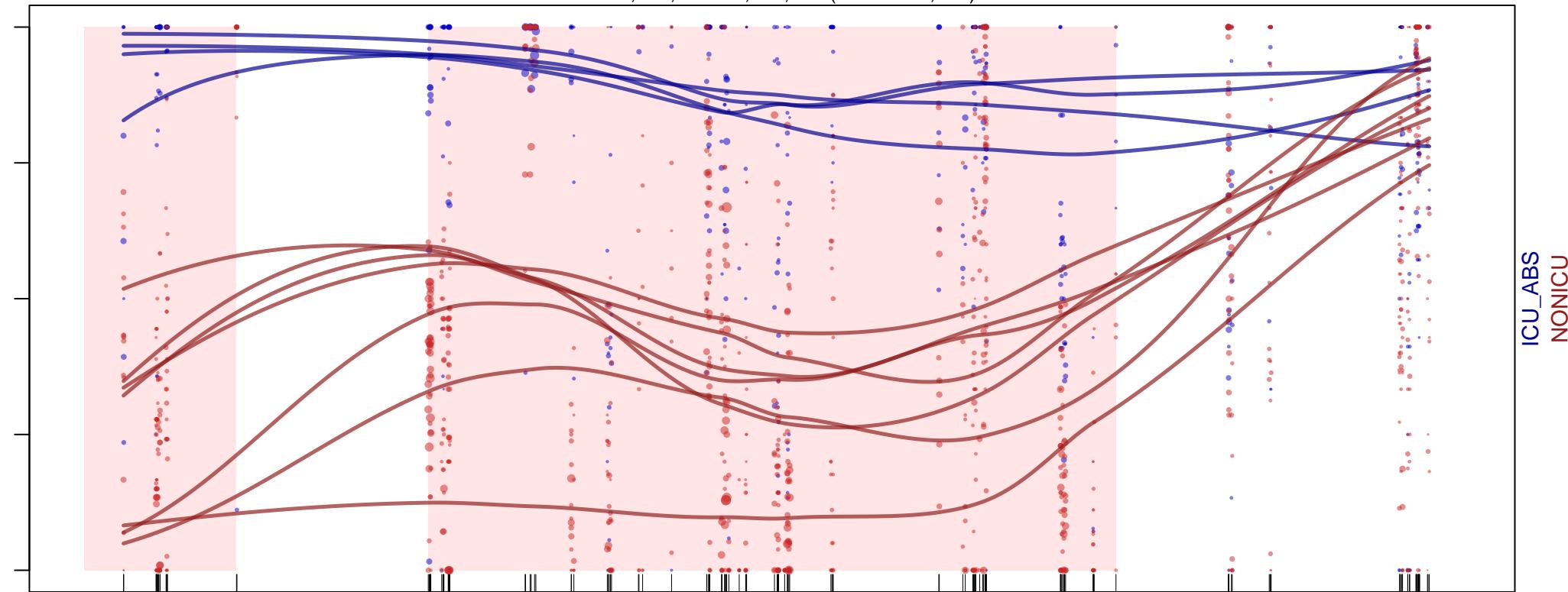
CpGs



Exons

chr1: 3,698,564 – 3,718,831 (width = 20,268)

Methylation



CpGs



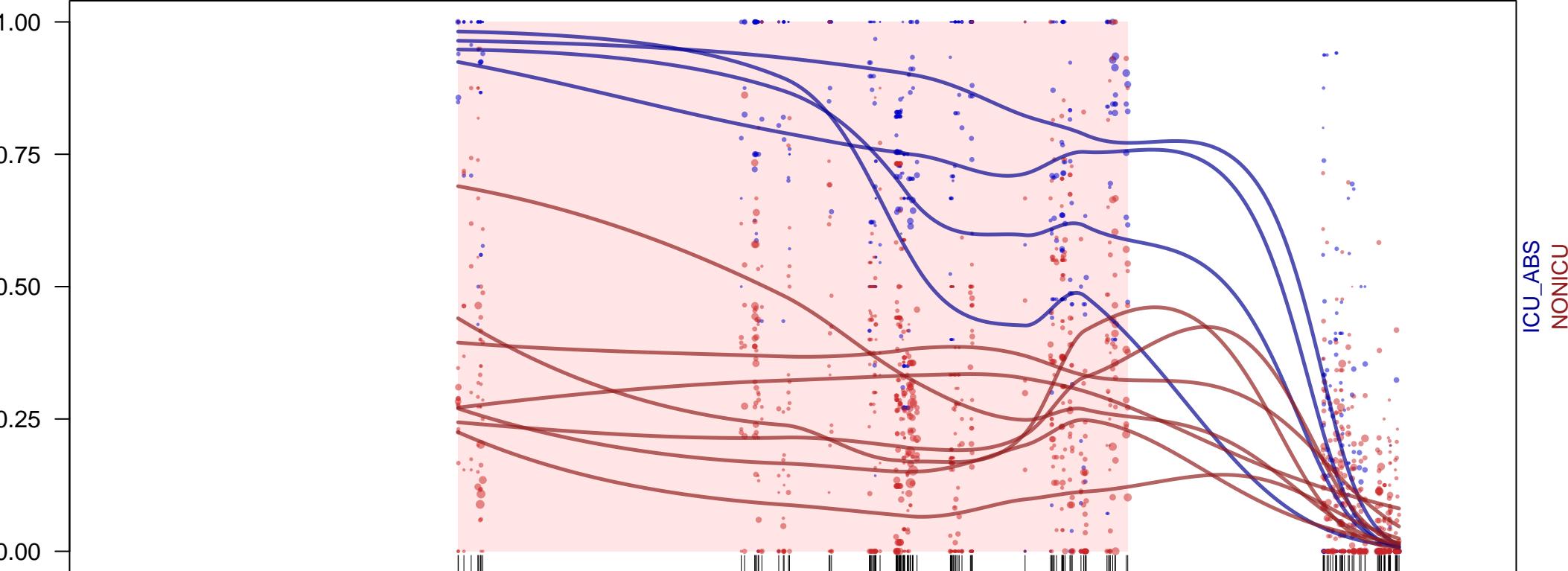
Exons



TP73

chr7: 27,139,258 – 27,145,531 (width = 6,274)

Methylation

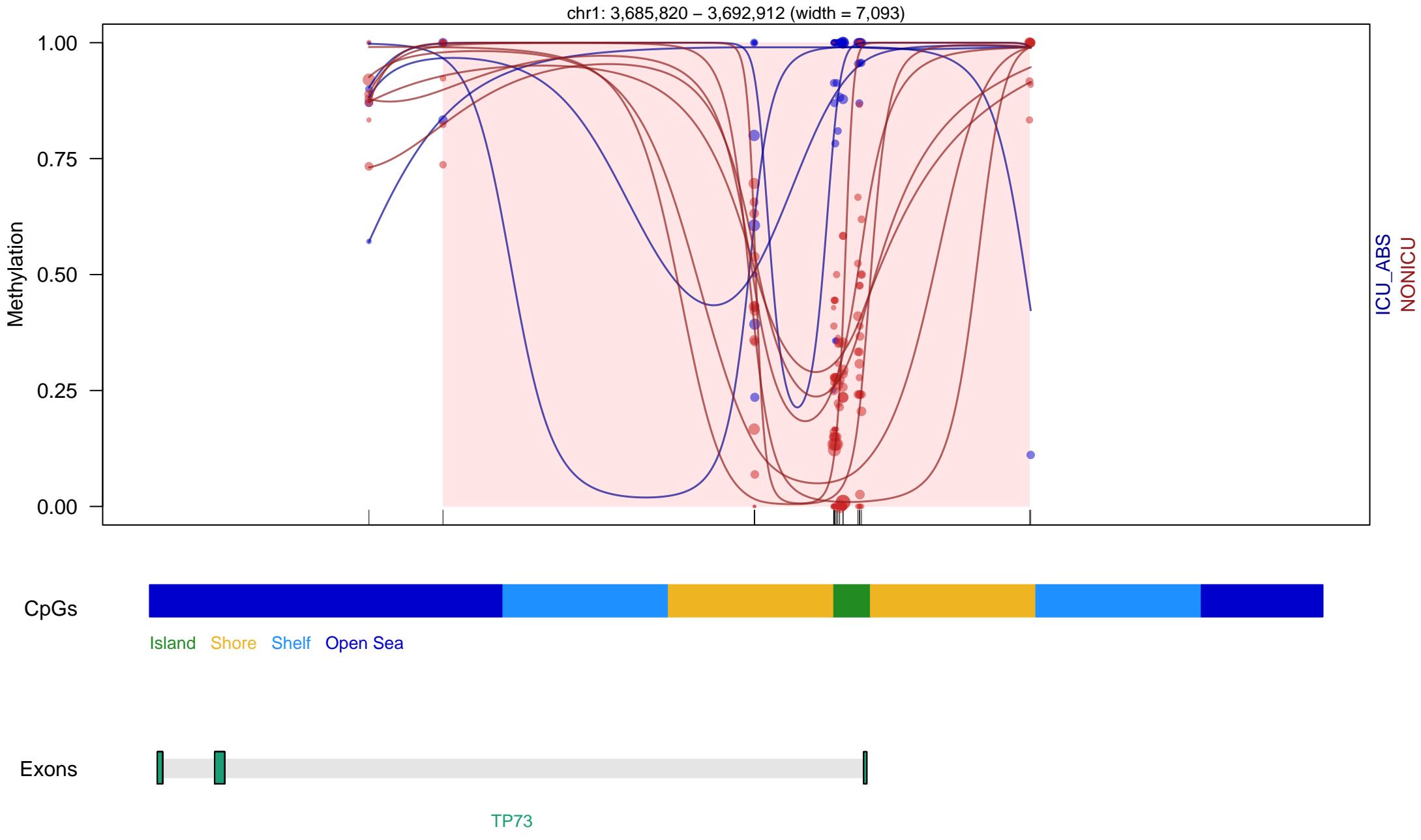


CpGs



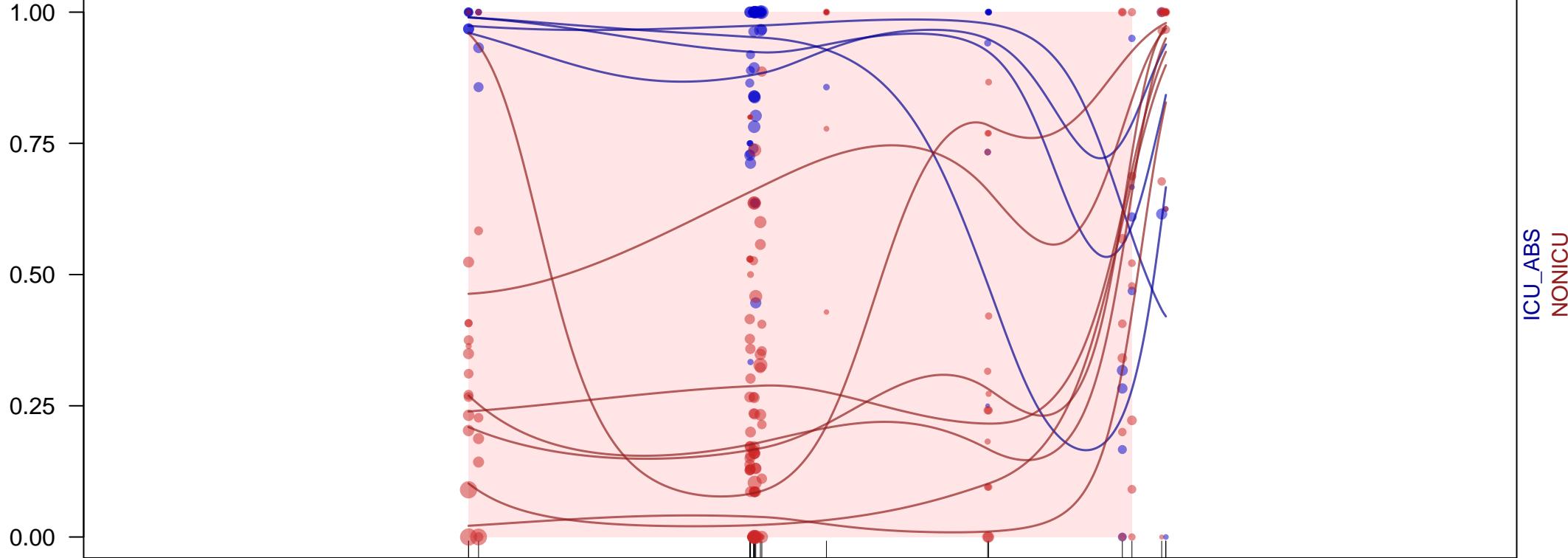
Exons





chr7: 155,994,084 – 156,004,454 (width = 10,371)

Methylation



CpGs



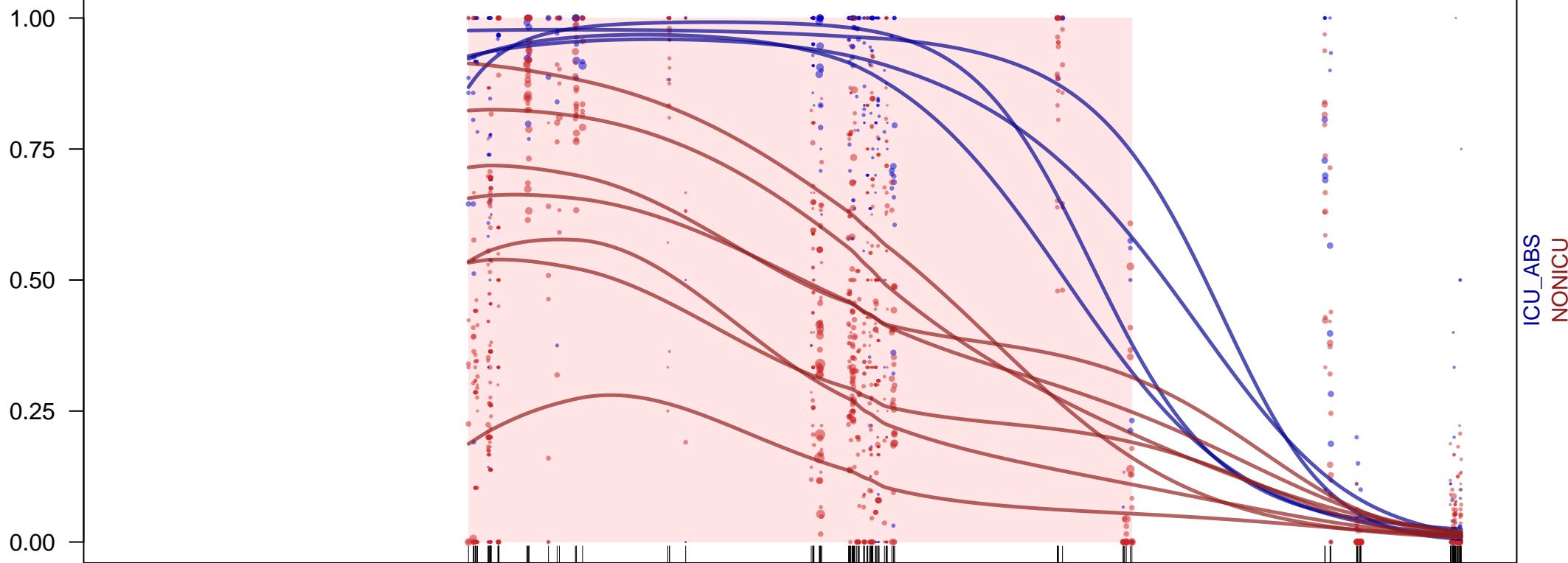
Island Shore Shelf Open Sea

Exons

ICU\_ABS  
NONICU

chr12: 57,725,930 – 57,745,600 (width = 19,671)

Methylation



CpGs



ICU\_ABS  
NONICU

Exons



OS9

AGAP2

TSPAN31

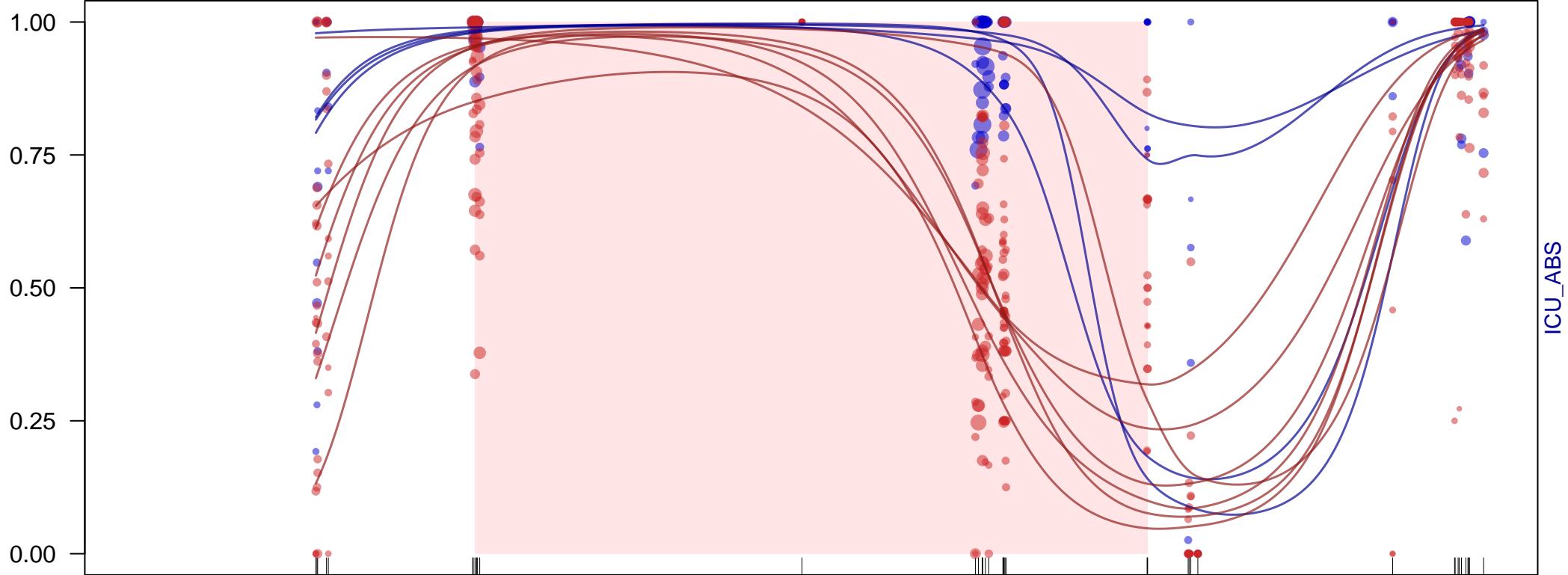
CDK4

AGAP2-AS1

chr11: 69,660,553 – 69,669,751 (width = 9,199)

Methylation

ICU\_ABS  
NONICU



CpGs

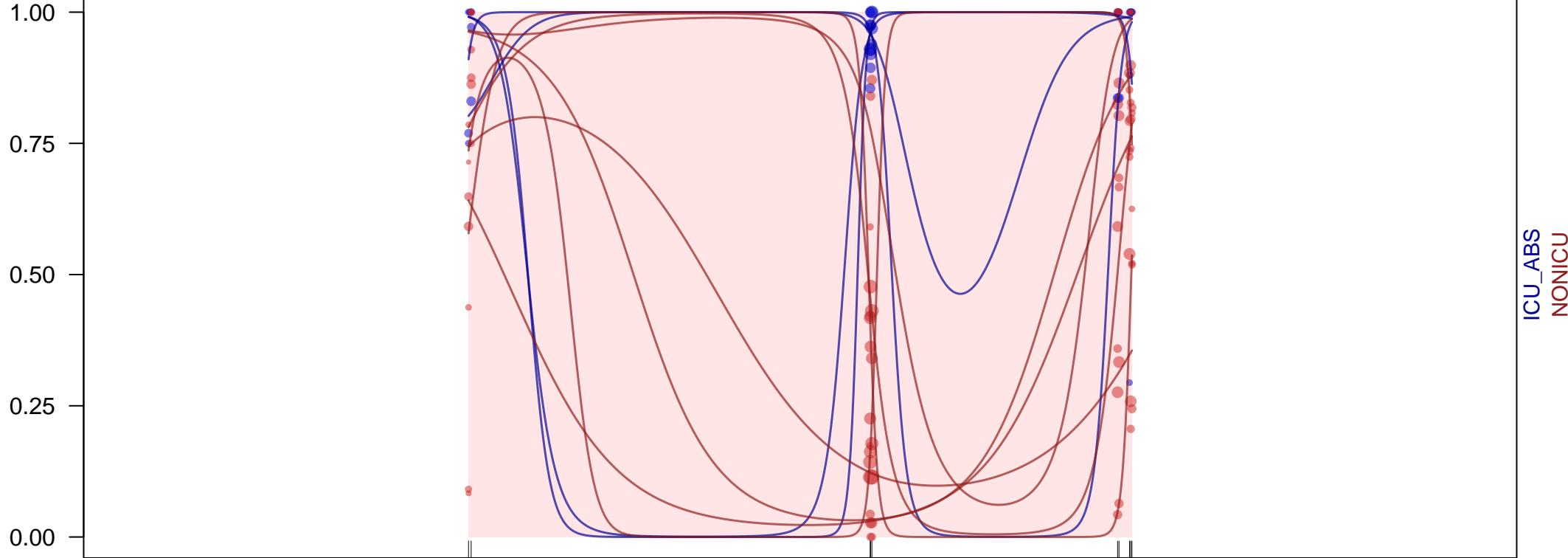


Exons

LTO1

chr2: 120,560,019 – 120,567,103 (width = 7,085)

Methylation



CpGs

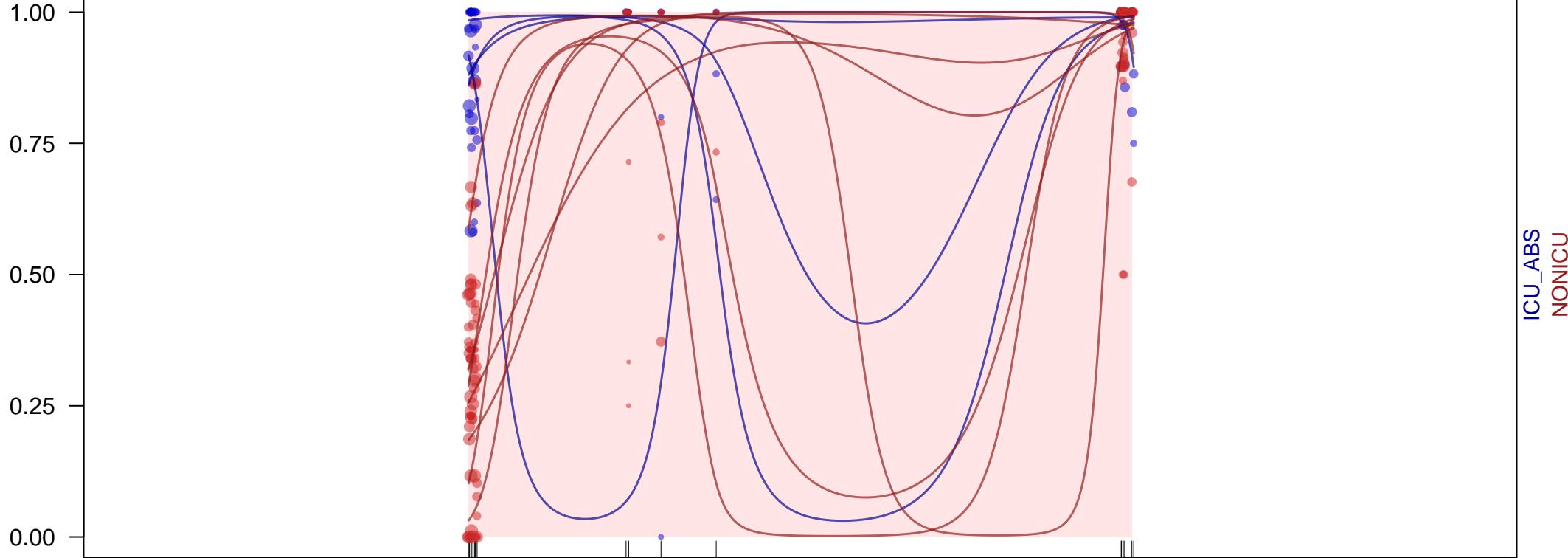


Island Shore Shelf Open Sea

Exons

chr2: 240,251,478 – 240,258,101 (width = 6,624)

Methylation



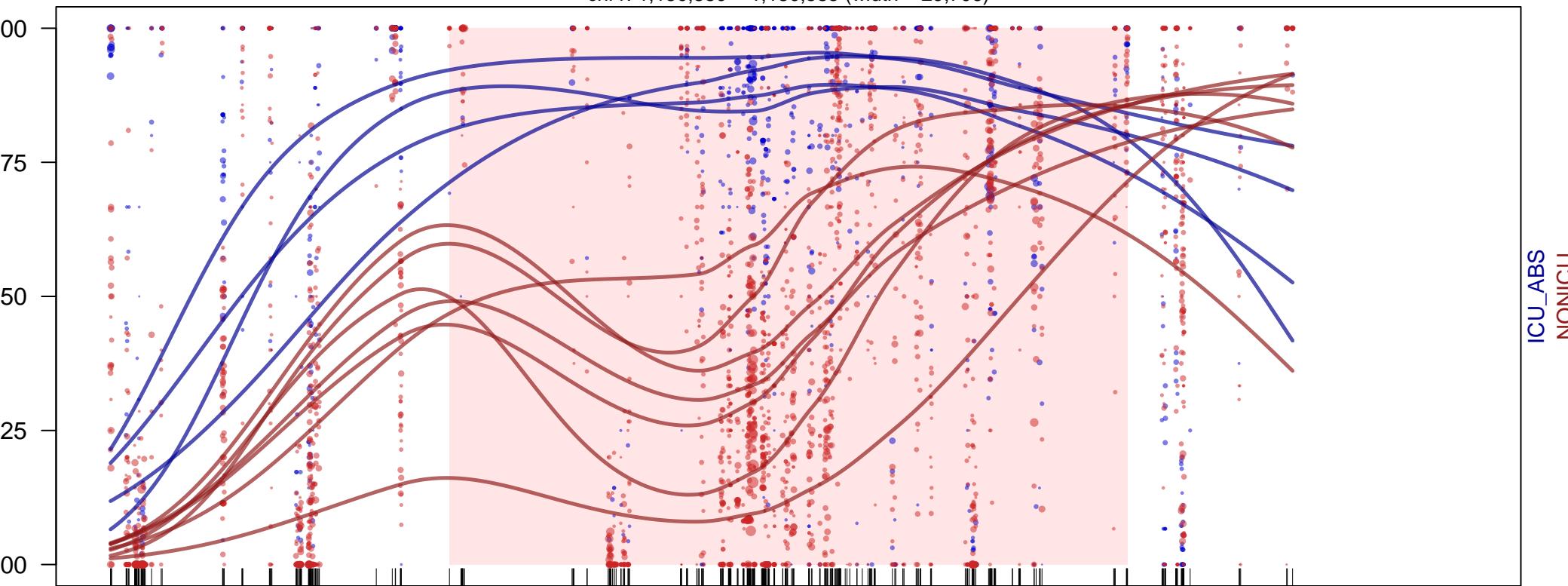
CpGs



Exons

chr1: 1,150,880 – 1,180,585 (width = 29,706)

Methylation



CpGs



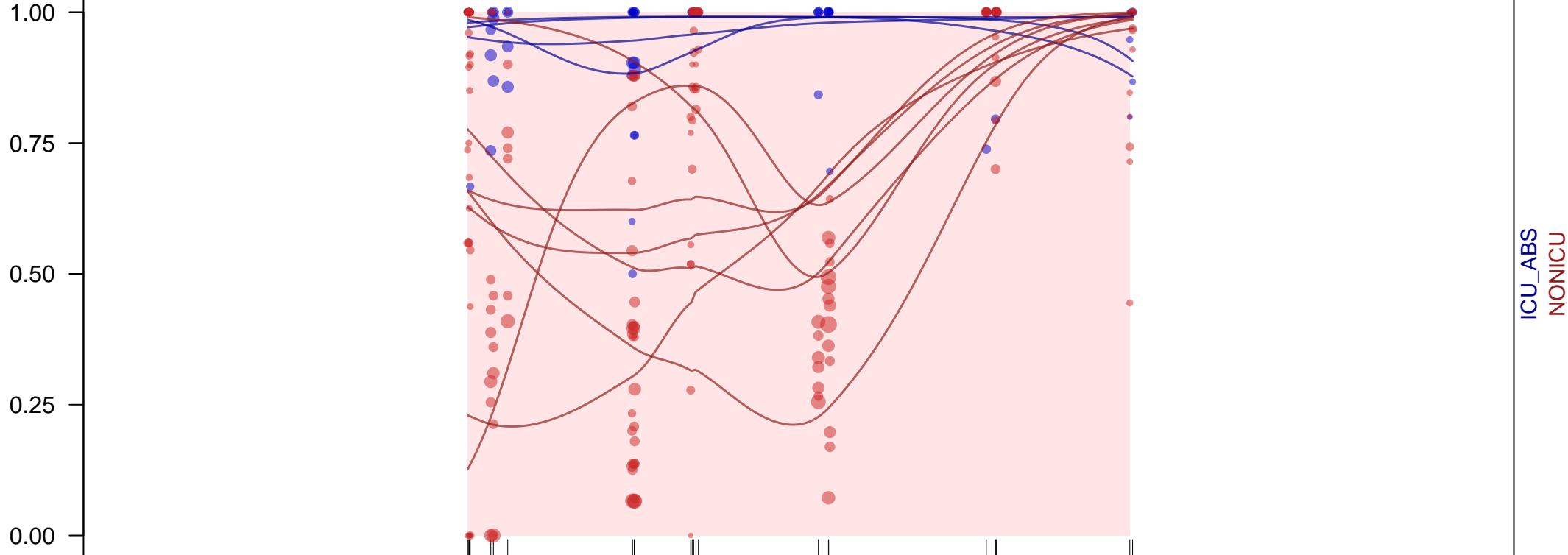
Exons



TTLL10

chr10: 125,006,993 – 125,016,029 (width = 9,037)

Methylation



CpGs

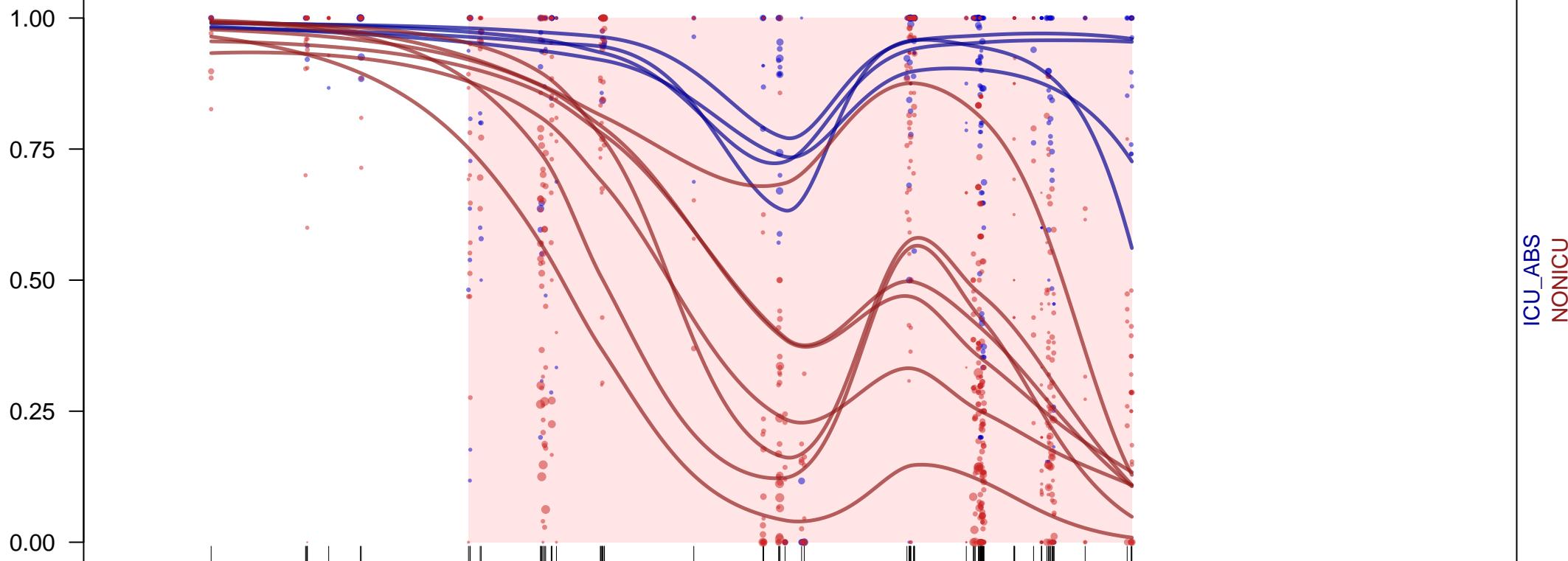


Exons



chr2: 241,750,286 – 241,777,630 (width = 27,345)

Methylation



CpGs

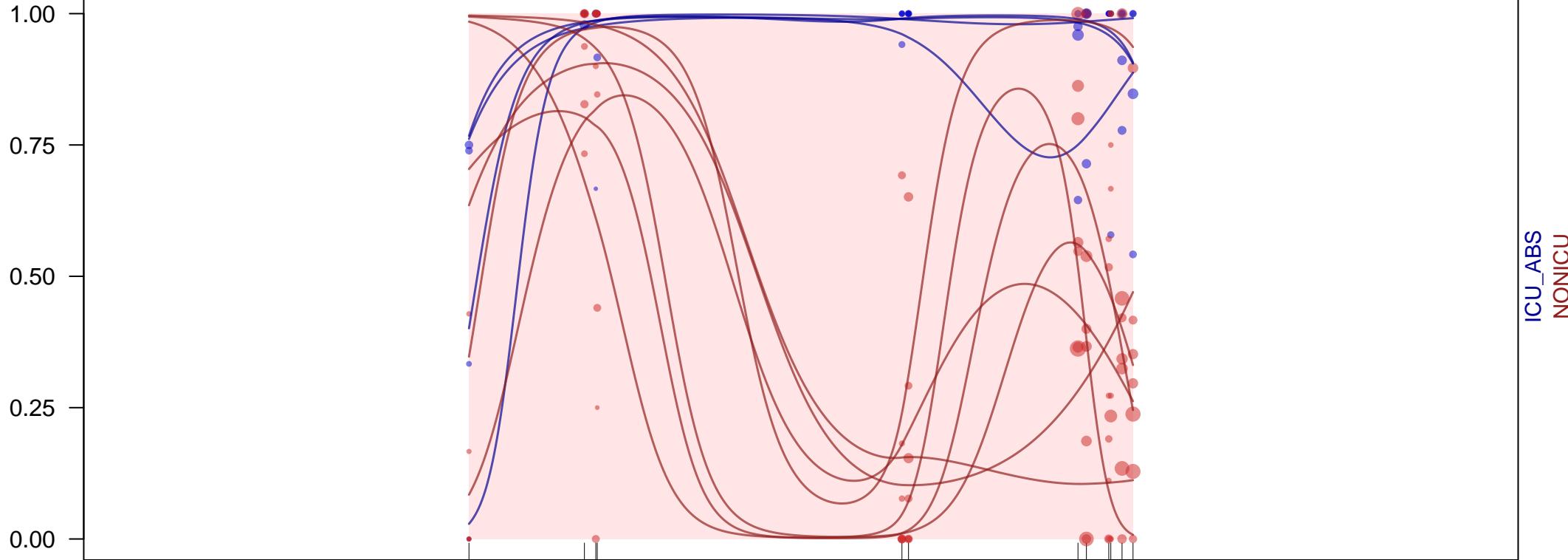


Exons



chr2: 240,288,545 – 240,296,413 (width = 7,869)

Methylation



CpGs

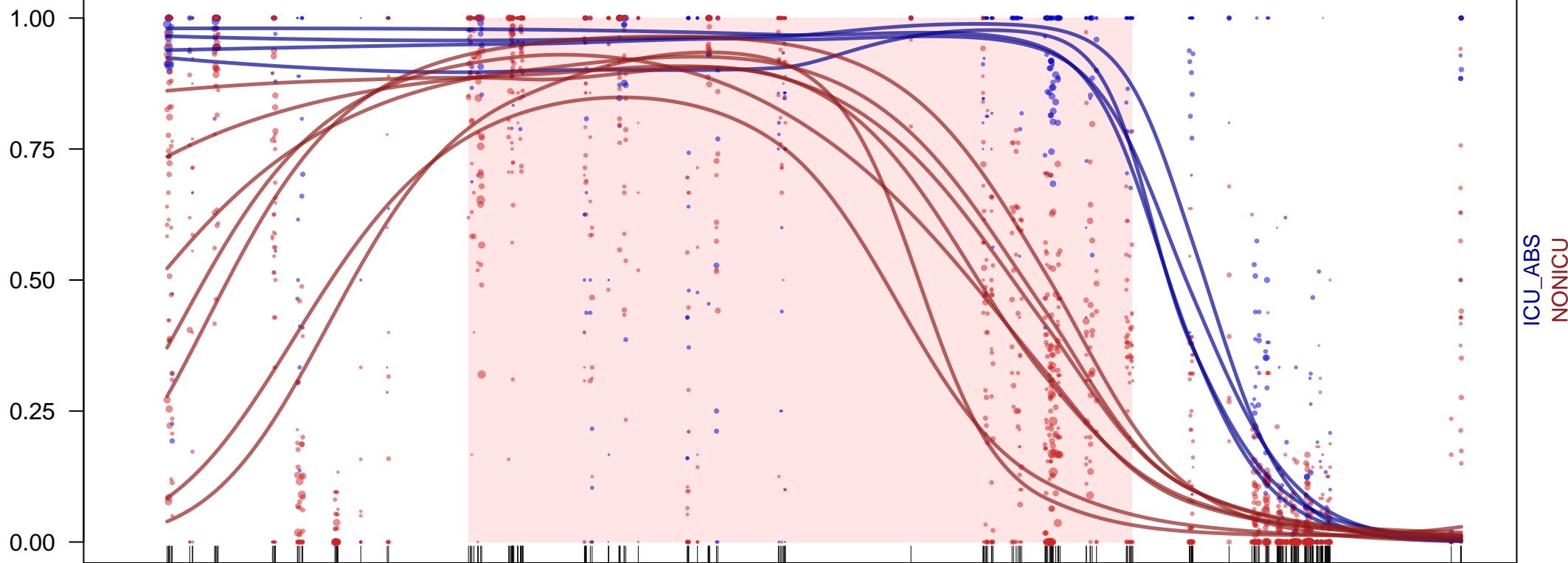


Island Shore Shelf Open Sea

Exons

chr19: 1,157,800 – 1,170,494 (width = 12,695)

Methylation



CpGs



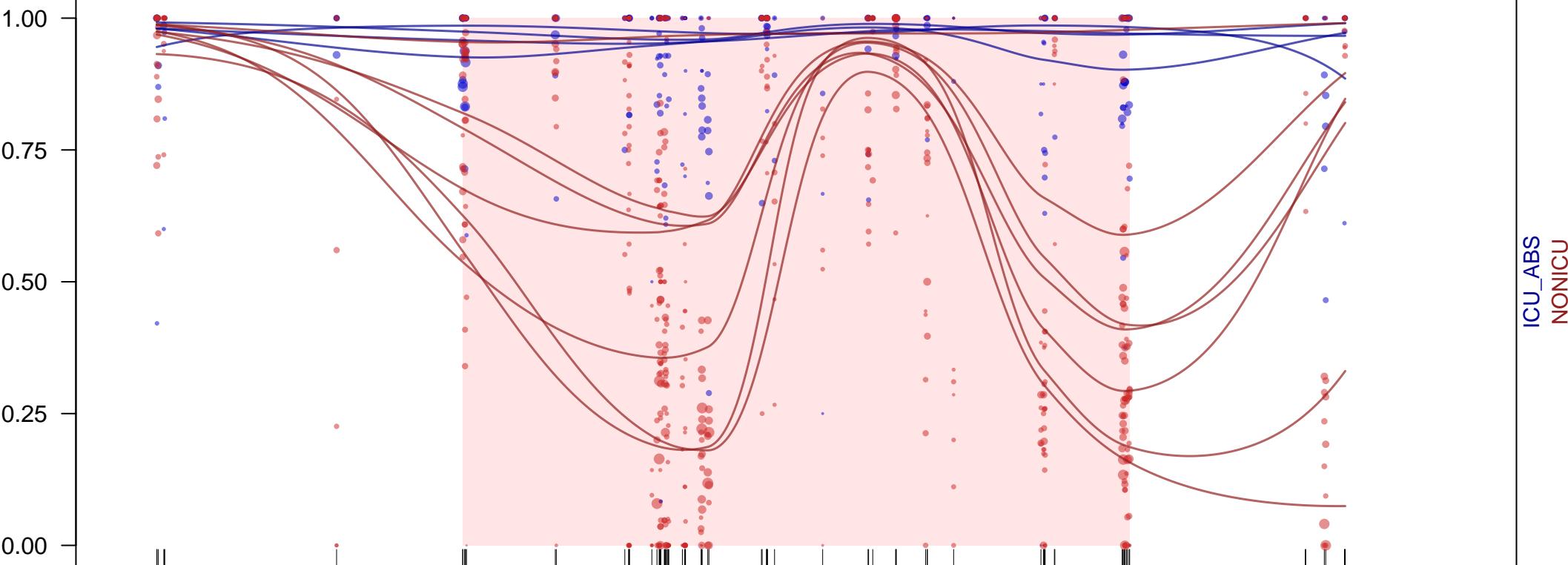
Exons



SBNO2

chr3: 195,801,496 – 195,829,026 (width = 27,531)

Methylation



ICU\_ABS  
NONICU

CpGs



Island Shore Shelf Open Sea

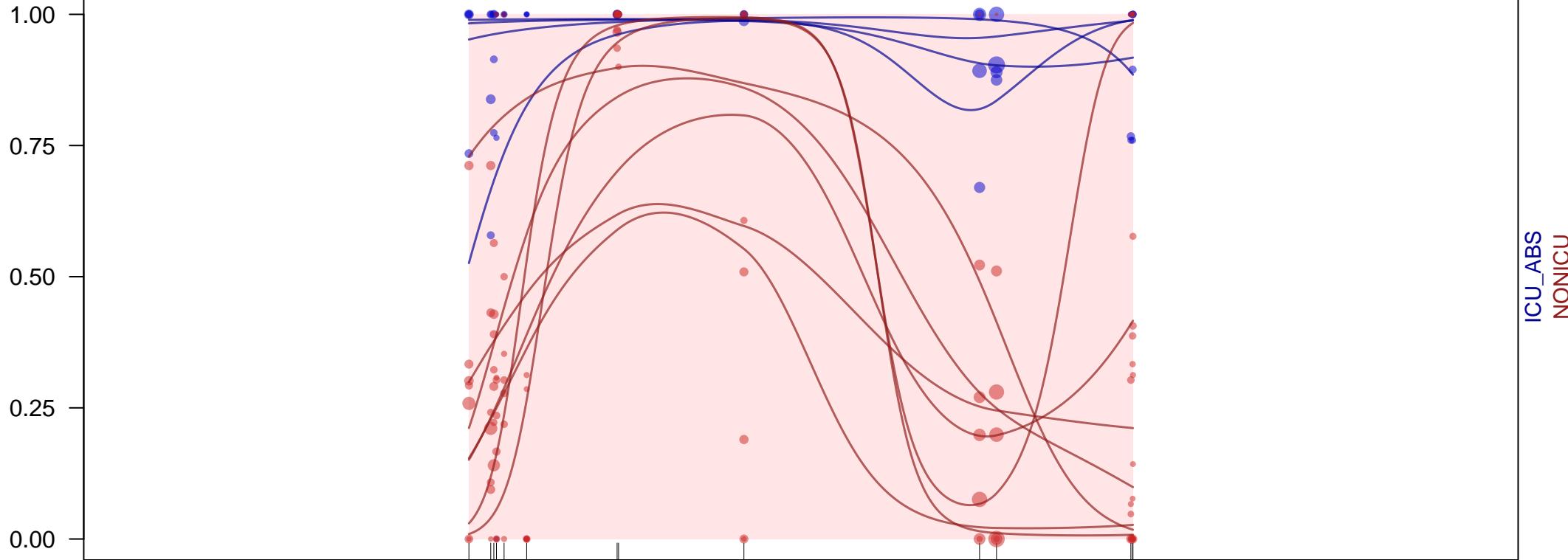
Exons



MUC4

chr17: 9,184,889 – 9,192,802 (width = 7,914)

Methylation



ICU\_ABS  
NONICU

CpGs



Island Shore Shelf Open Sea

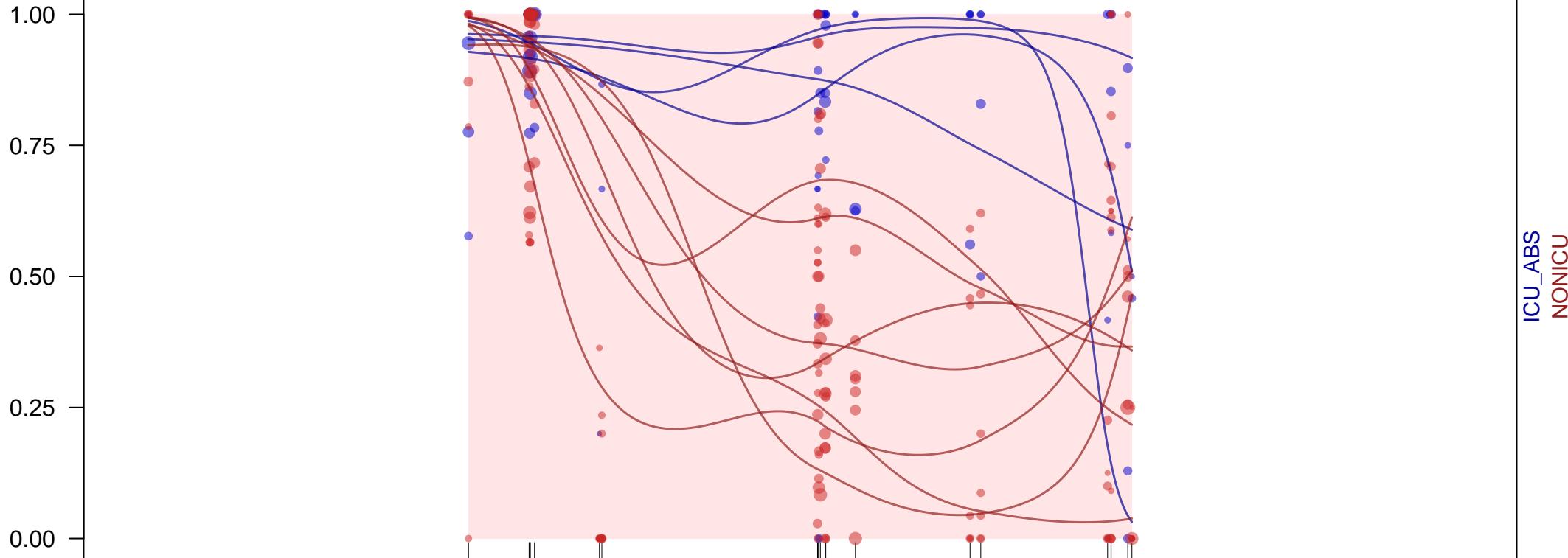
Exons



NTN1

chr17: 41,609,990 – 41,624,584 (width = 14,595)

Methylation

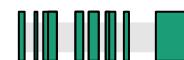


CpGs



Island Shore Shelf Open Sea

Exons



KRT16

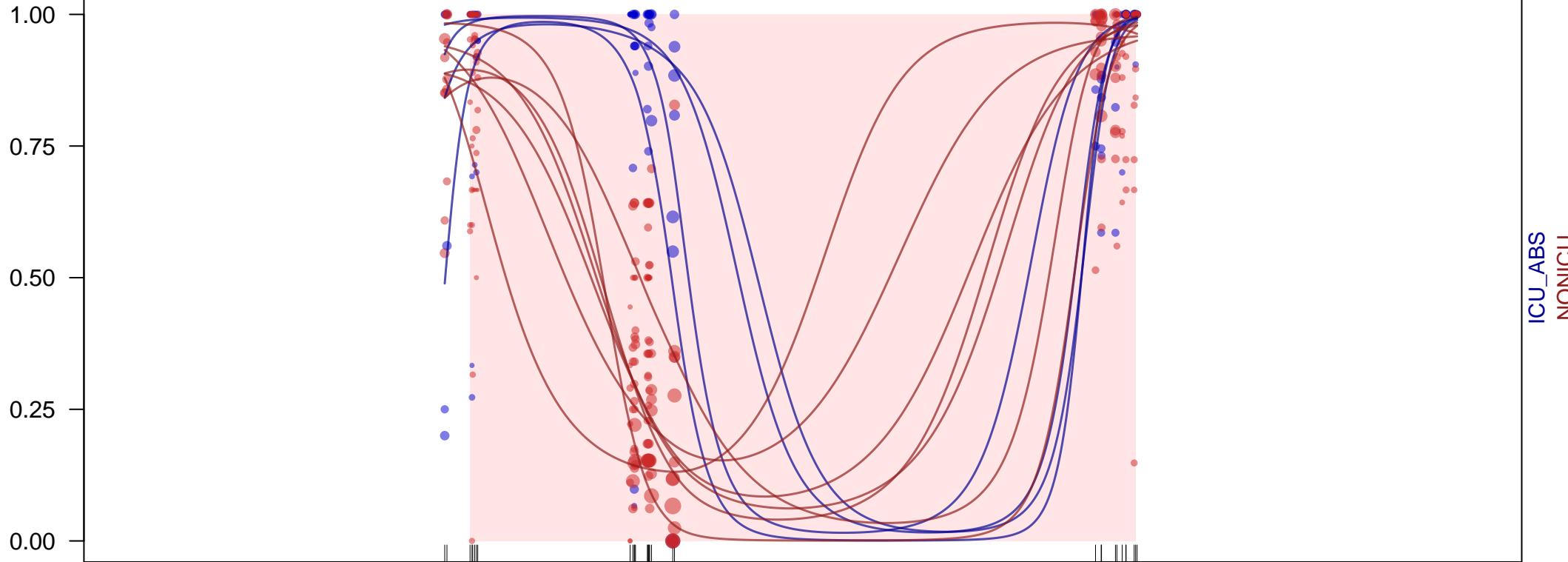


KRT17

ICU\_ABS  
NONICU

chr2: 23,615,508 – 23,620,951 (width = 5,444)

Methylation



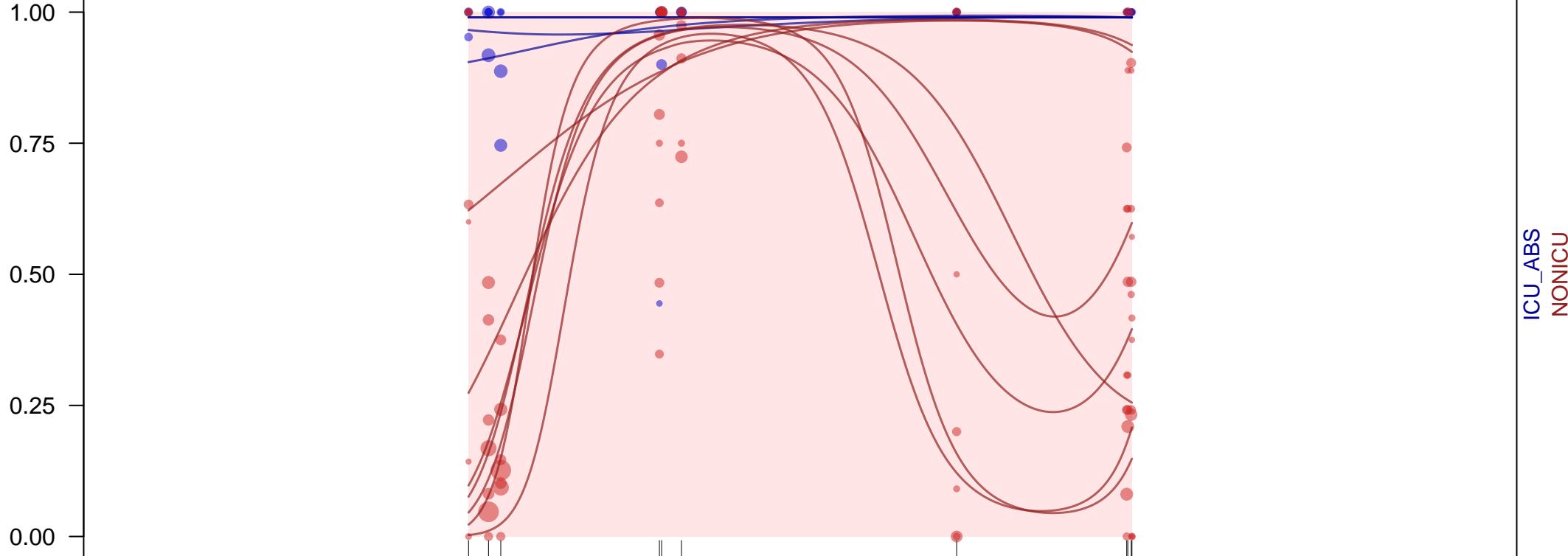
CpGs



Exons

chr17: 9,170,071 – 9,177,315 (width = 7,245)

Methylation



CpGs



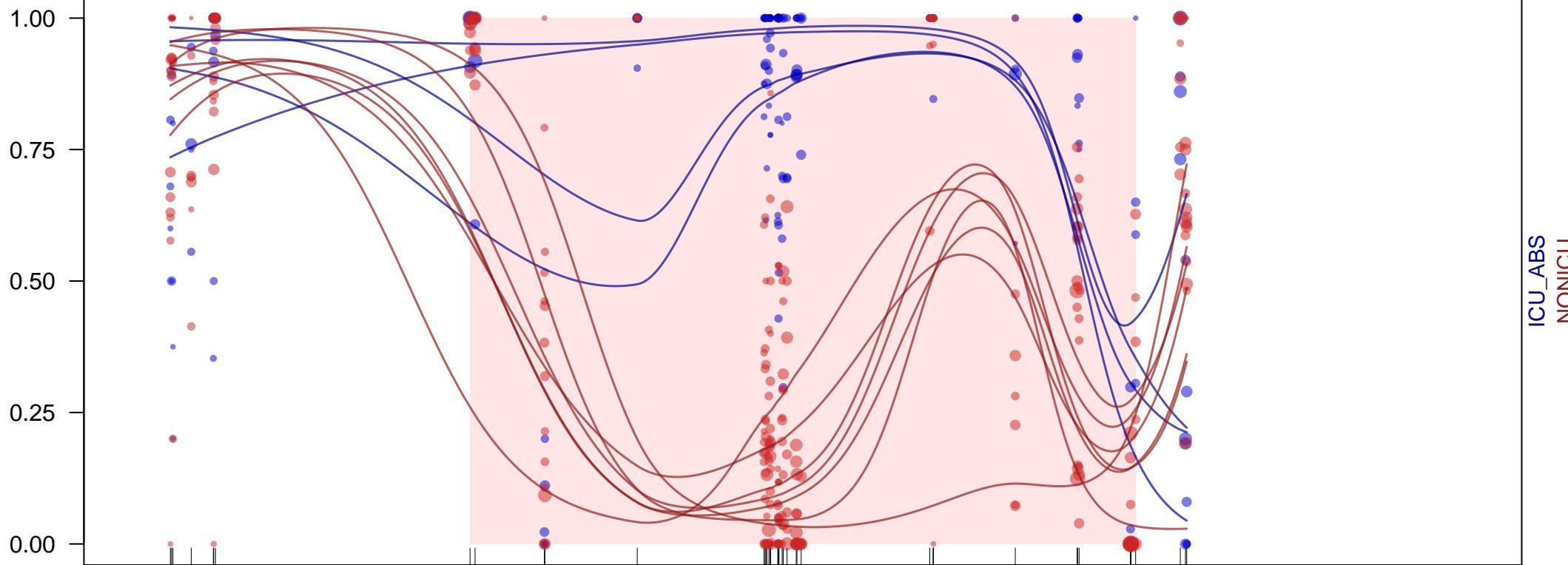
Exons



NTN1

chr2: 9,790,204 – 9,814,281 (width = 24,078)

Methylation



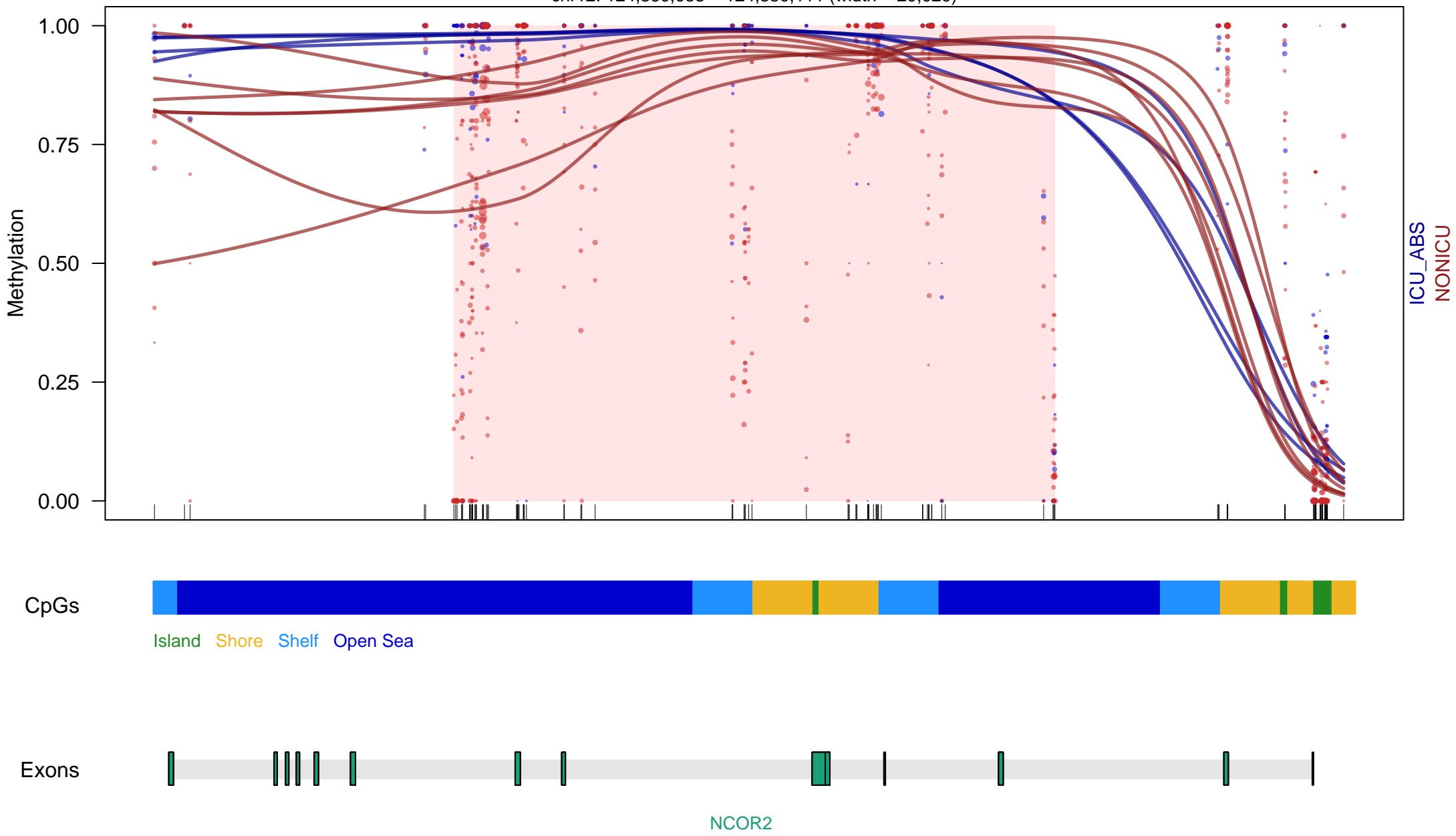
CpGs



Island Shore Shelf Open Sea

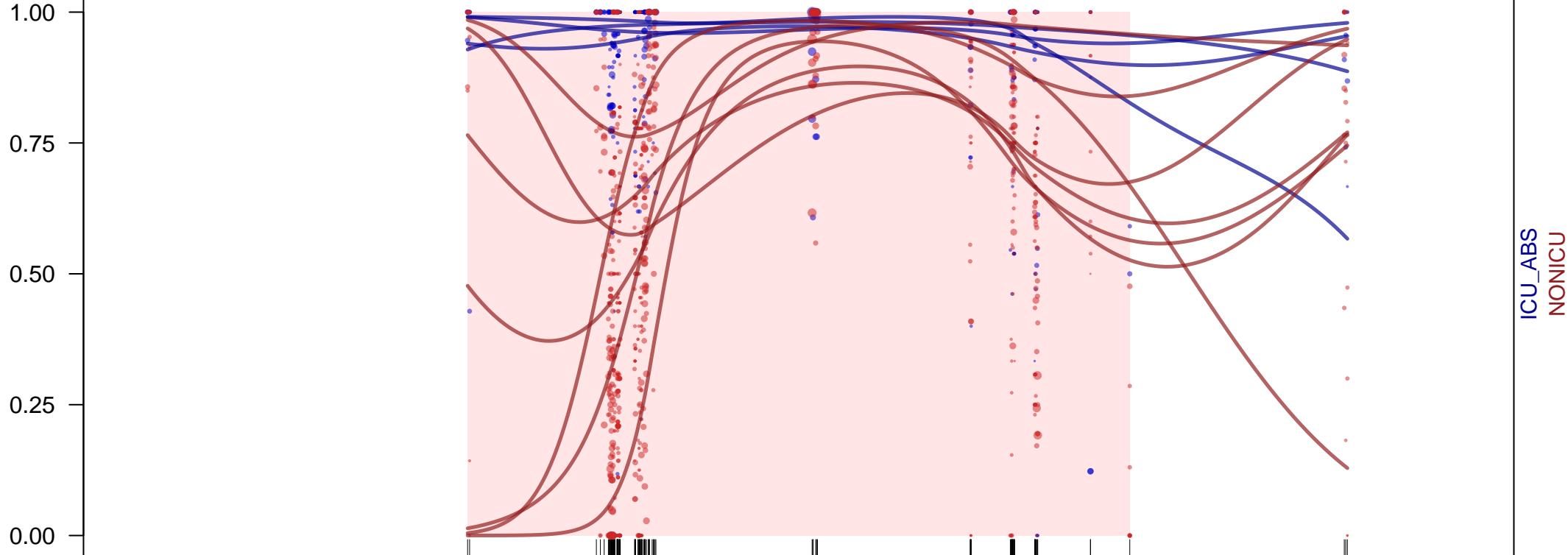
Exons

chr12: 124,360,083 – 124,380,111 (width = 20,029)



chr22: 50,716,405 – 50,733,890 (width = 17,486)

Methylation



CpGs



Exons



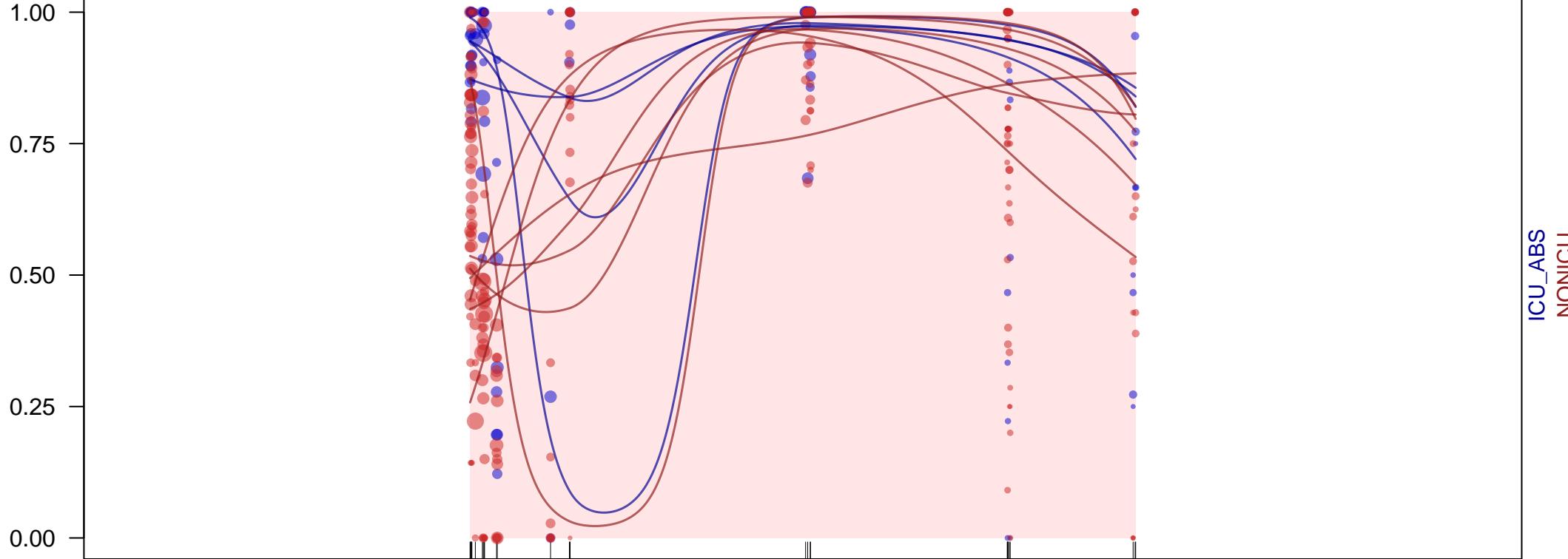
SHANK3

ACR

ICU\_ABS  
NONICU

chr5: 2,536,859 – 2,549,659 (width = 12,801)

Methylation



CpGs

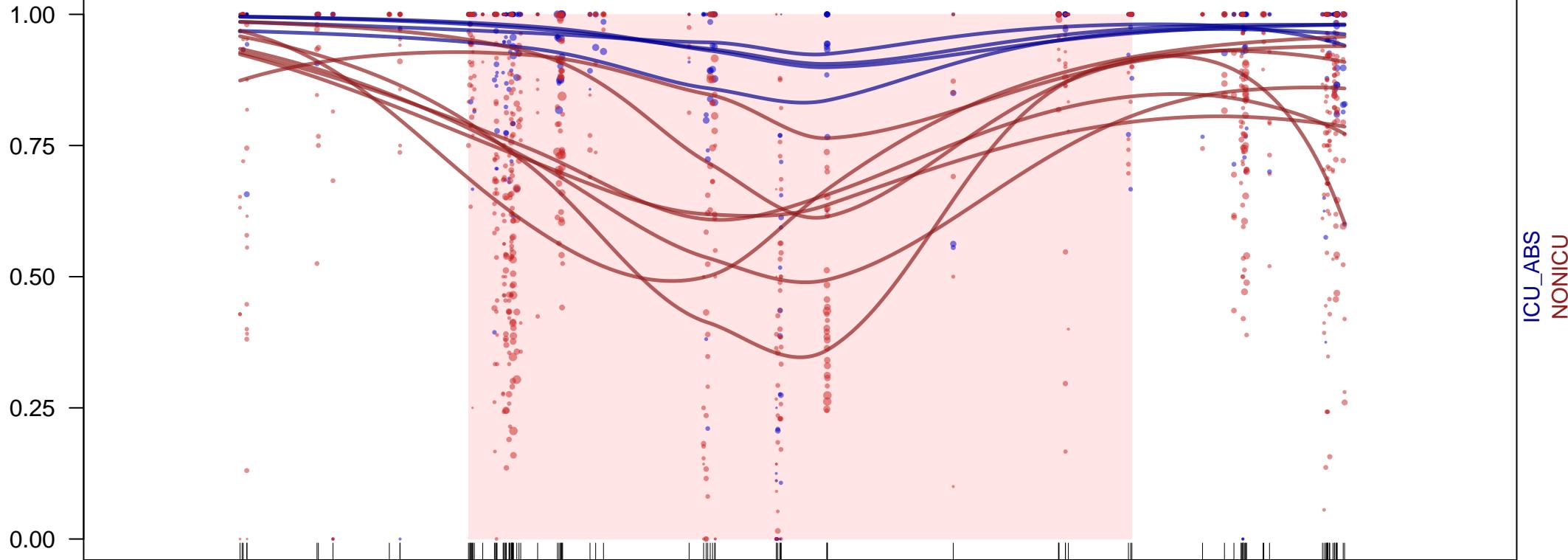


Island Shore Shelf Open Sea

Exons

chr7: 1,585,626 – 1,599,819 (width = 14,194)

Methylation



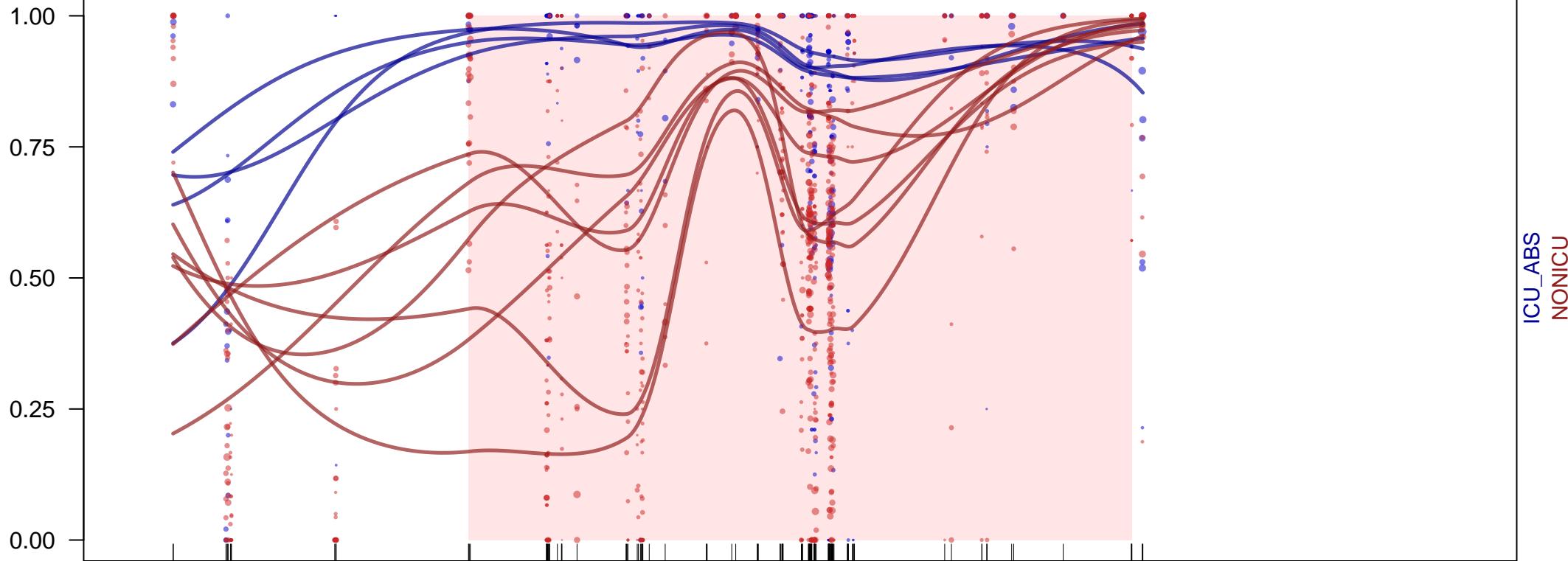
CpGs



Exons

chr2: 241,887,778 – 241,914,736 (width = 26,959)

Methylation



CpGs



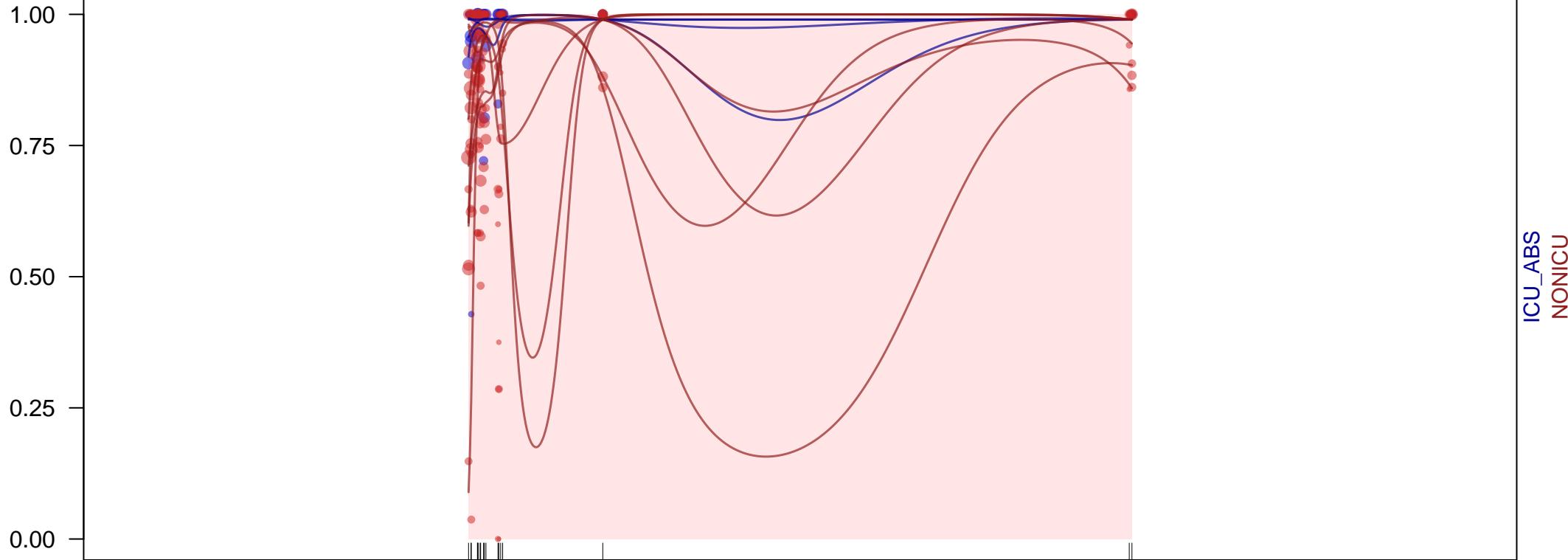
Exons



FAM240C

chr5: 3,854,351 – 3,859,739 (width = 5,389)

Methylation



CpGs

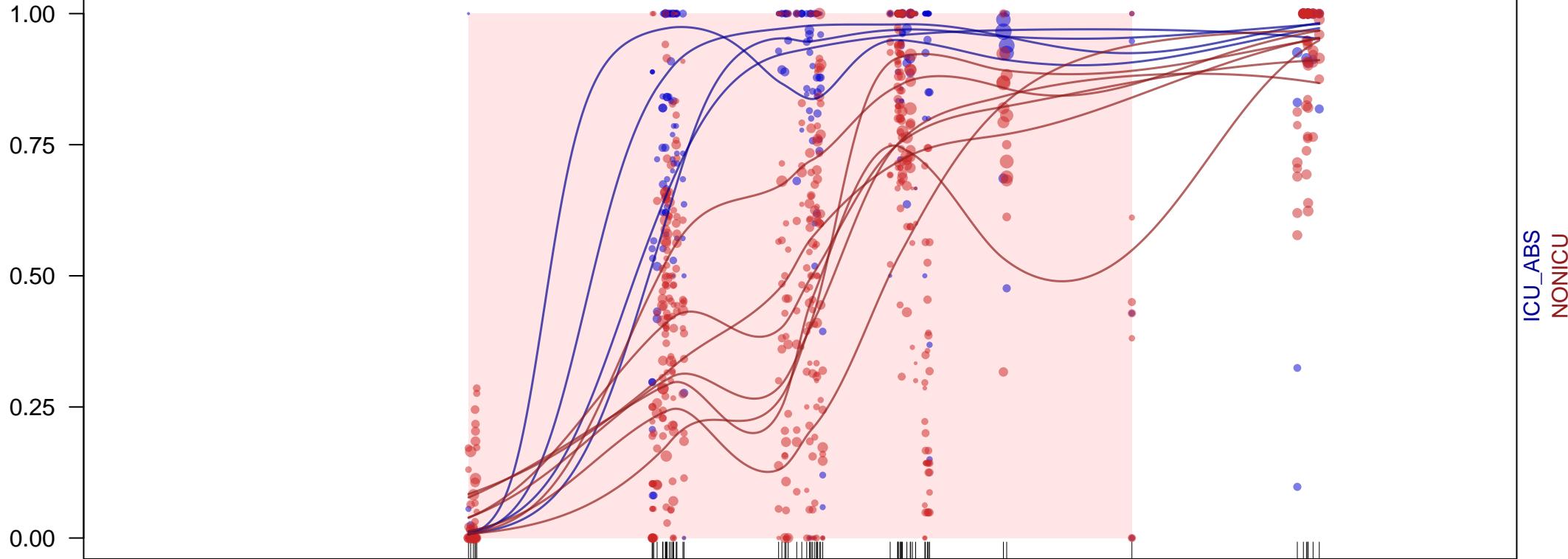


Exons

ICU\_ABS  
NONICU

chr19: 3,478,584 – 3,485,017 (width = 6,434)

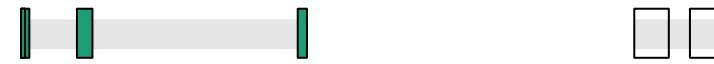
Methylation



CpGs



Exons

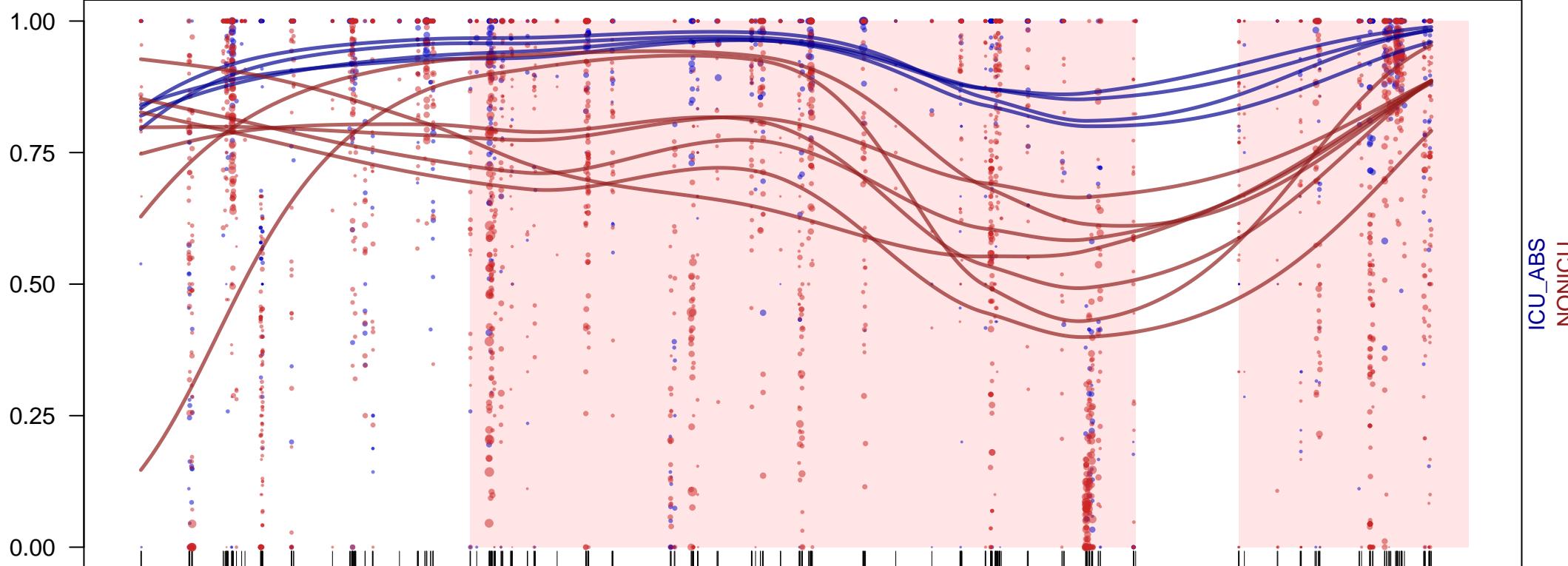


SMIM24

SMIM44

chr1: 3,203,542 – 3,251,376 (width = 47,835)

Methylation



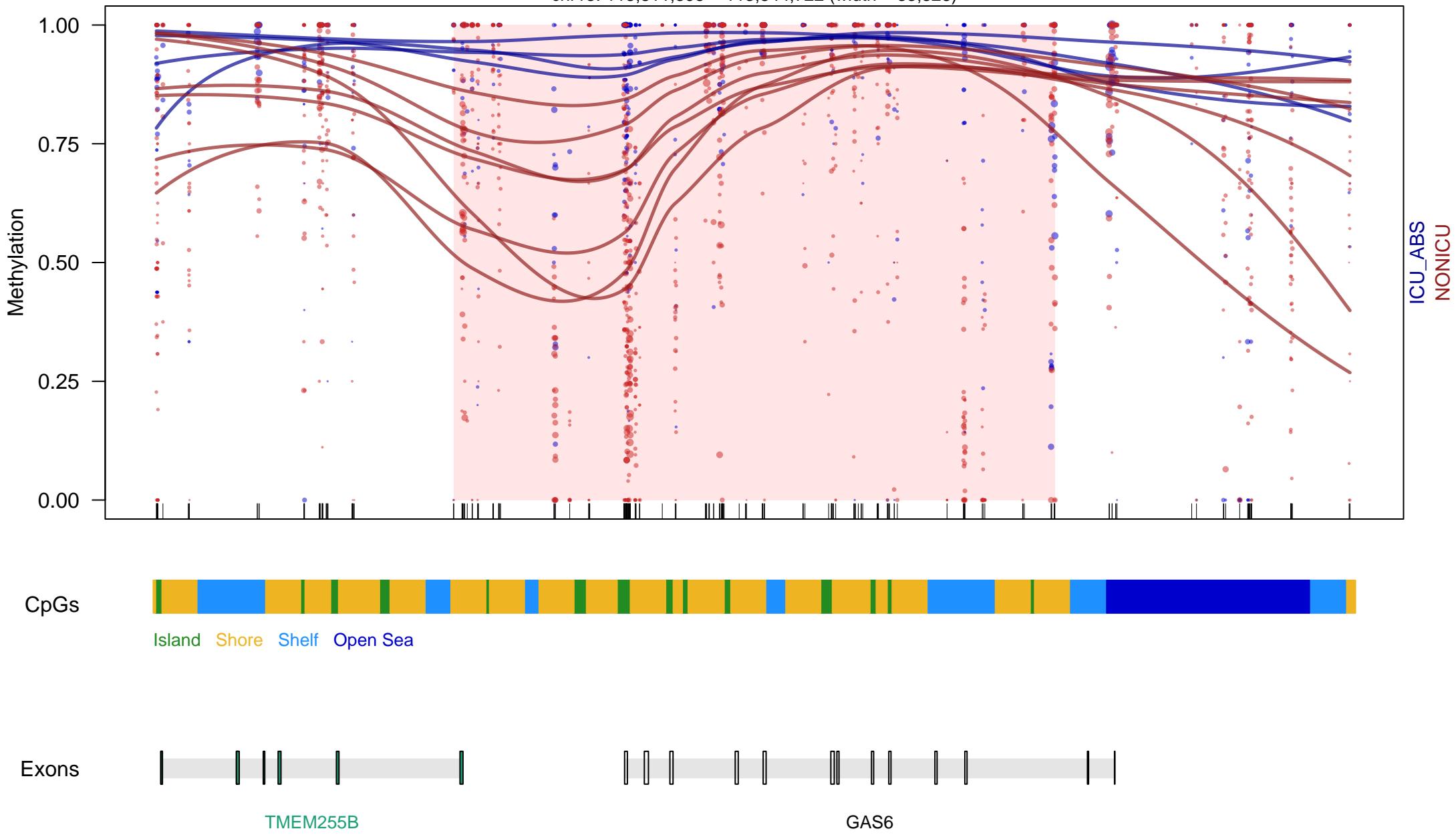
CpGs



Exons

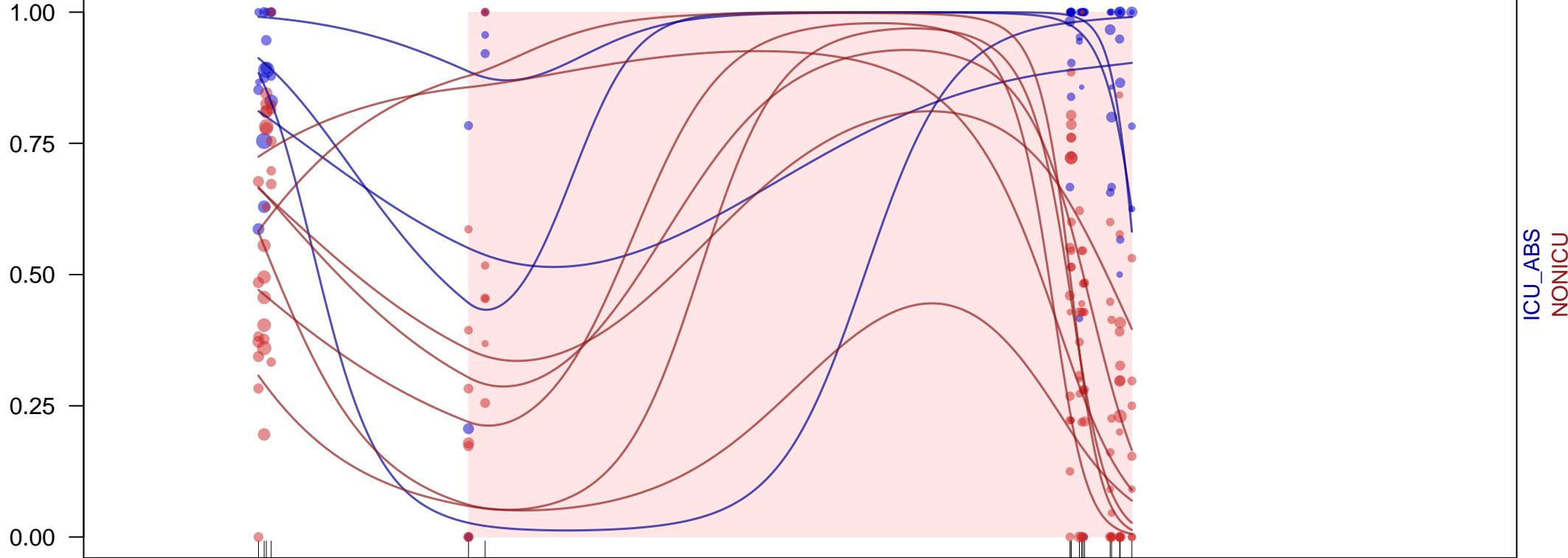
PRDM16

chr13: 113,811,395 – 113,844,722 (width = 33,328)



chr8: 142,096,430 – 142,101,689 (width = 5,260)

Methylation



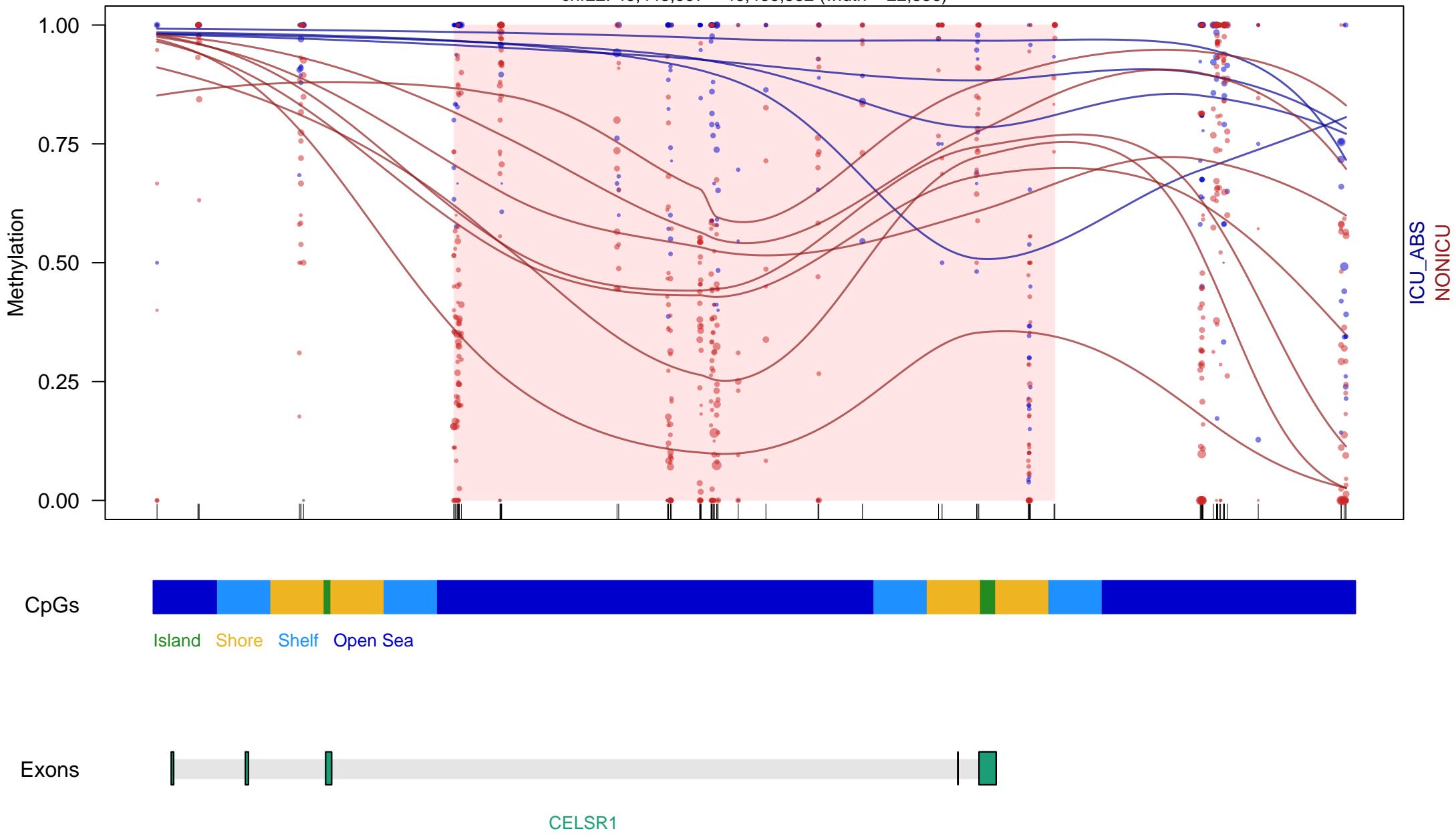
CpGs



Island Shore Shelf Open Sea

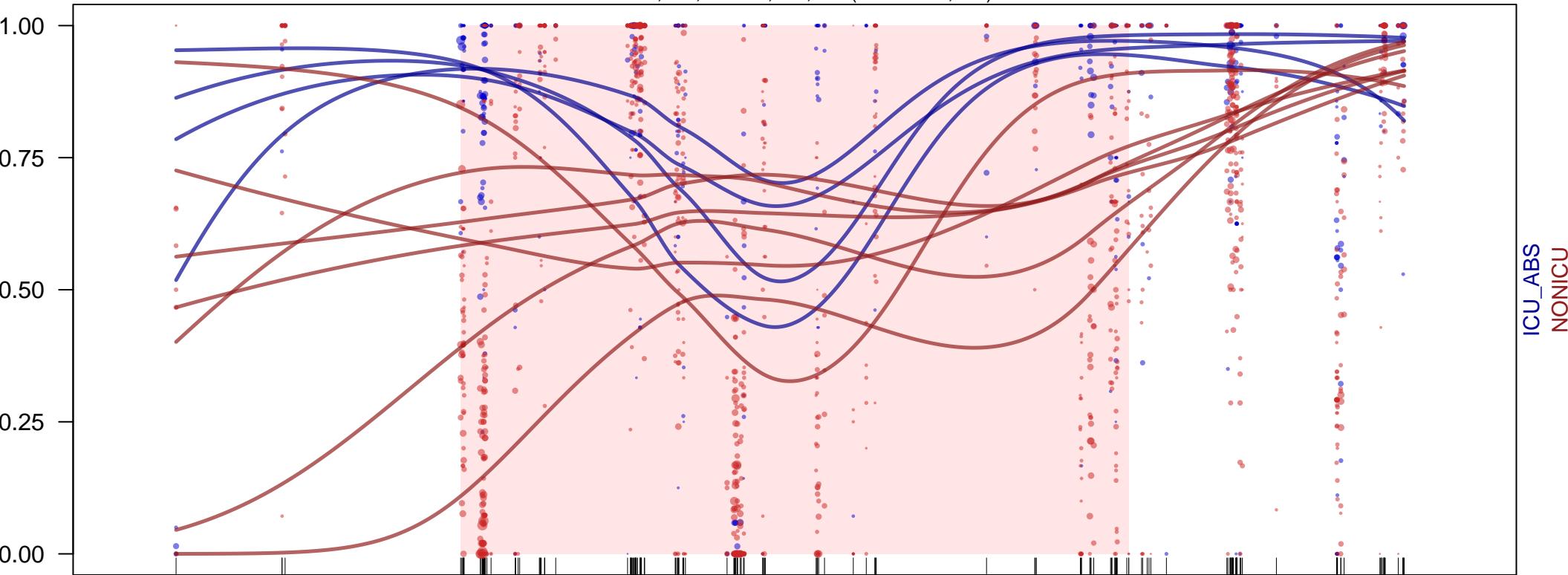
Exons

chr22: 46,443,997 – 46,466,552 (width = 22,556)



chr1: 2,855,189 – 2,876,458 (width = 21,270)

Methylation



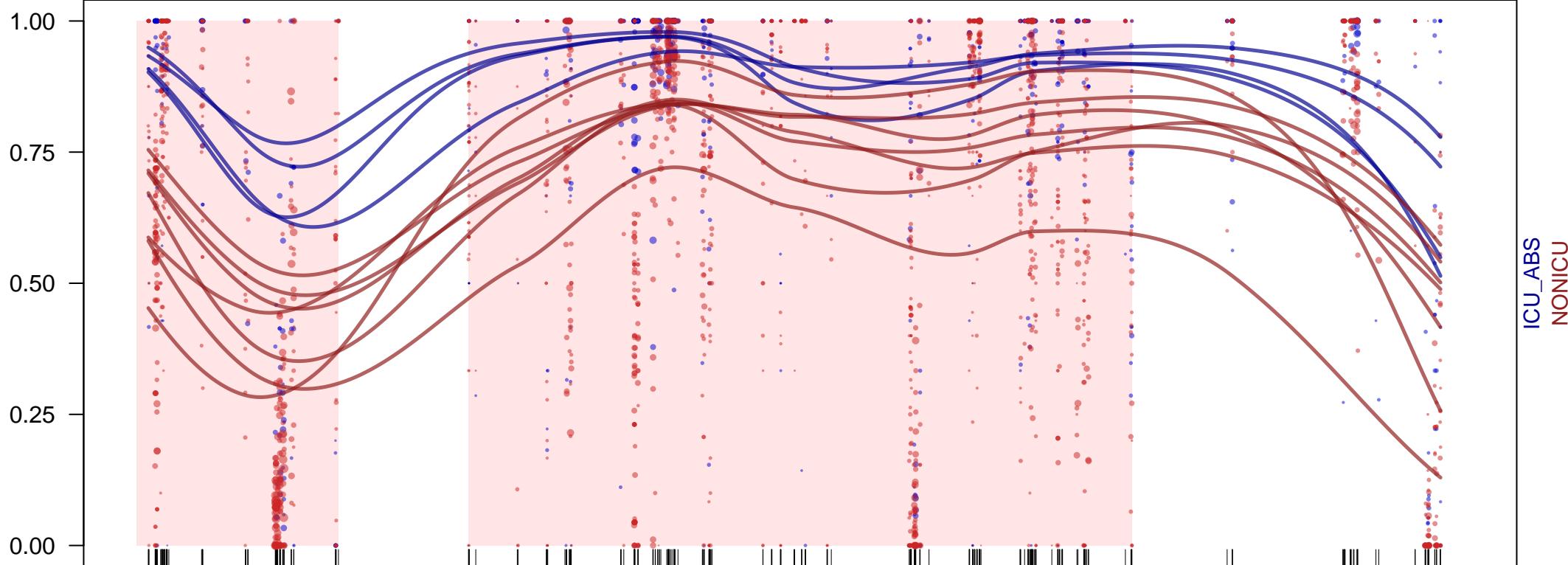
CpGs



Exons

chr1: 3,258,773 – 3,296,515 (width = 37,743)

Methylation



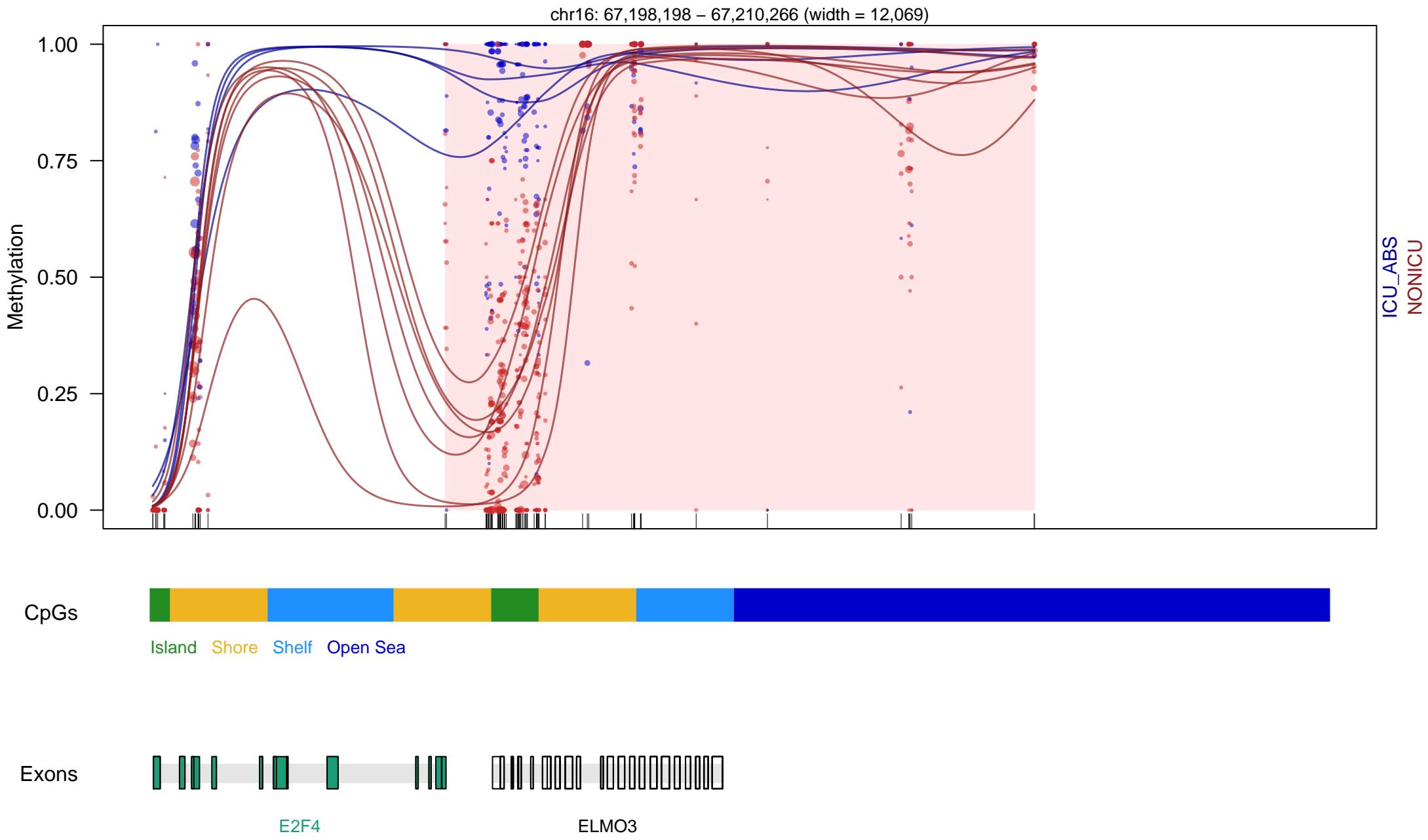
CpGs



Exons

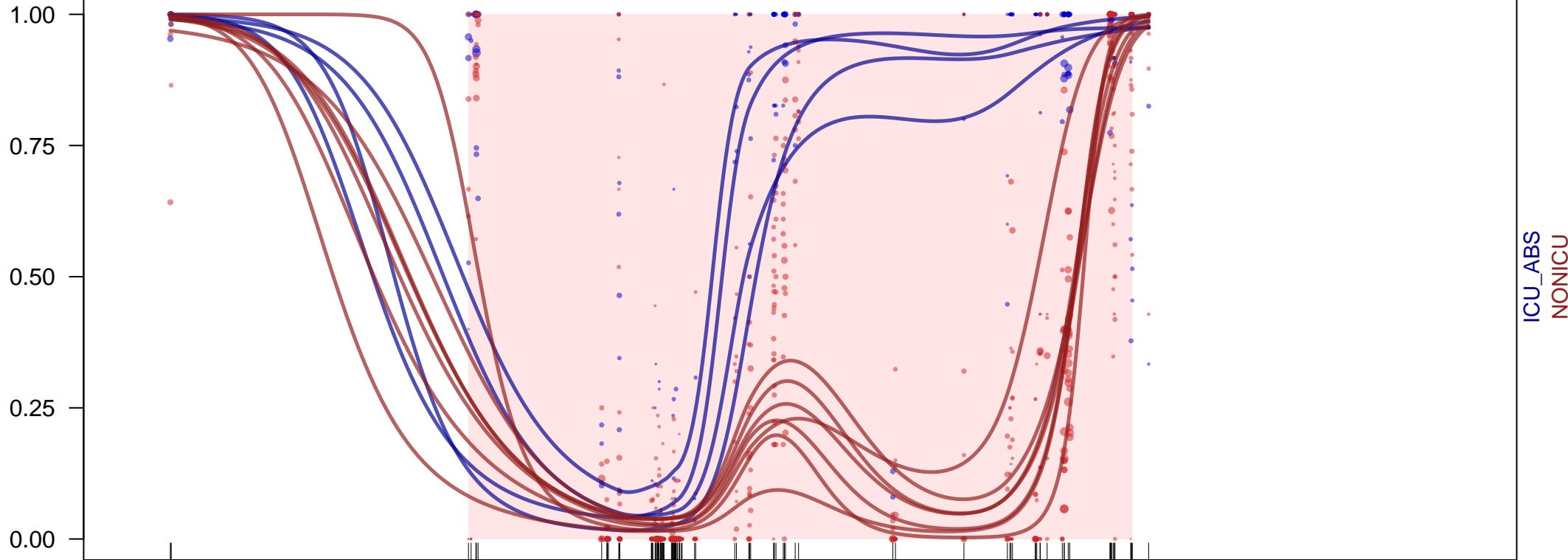


PRDM16



chr17: 77,277,280 – 77,290,763 (width = 13,484)

Methylation



CpGs



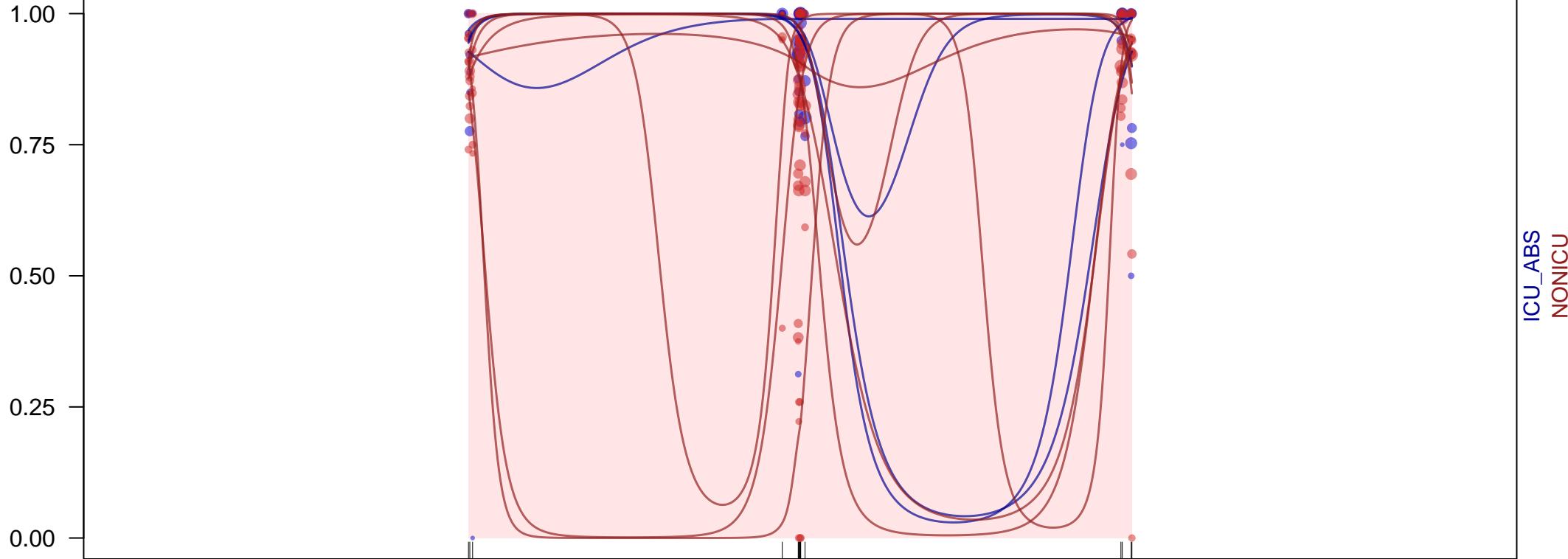
Exons



SEPTIN9

chr7: 159,226,810 – 159,235,811 (width = 9,002)

Methylation



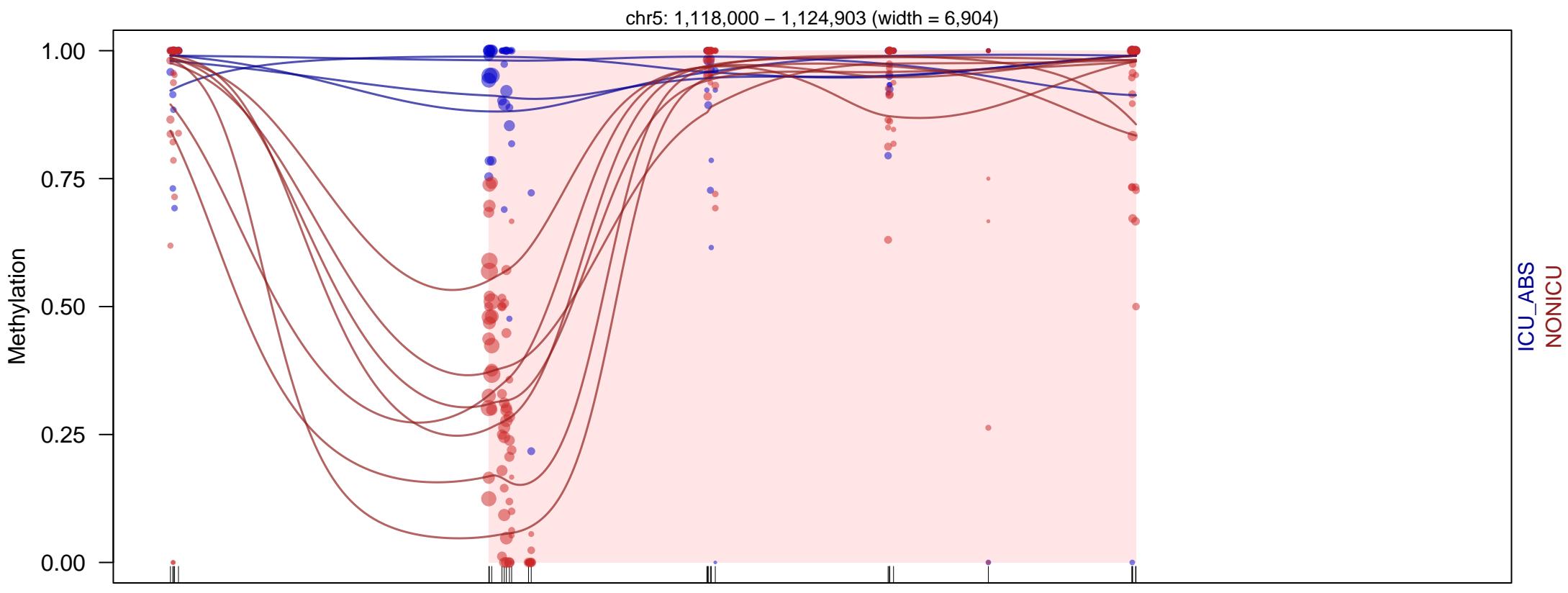
ICU\_ABS  
NONICU

CpGs



Island Shore Shelf Open Sea

Exons



CpGs

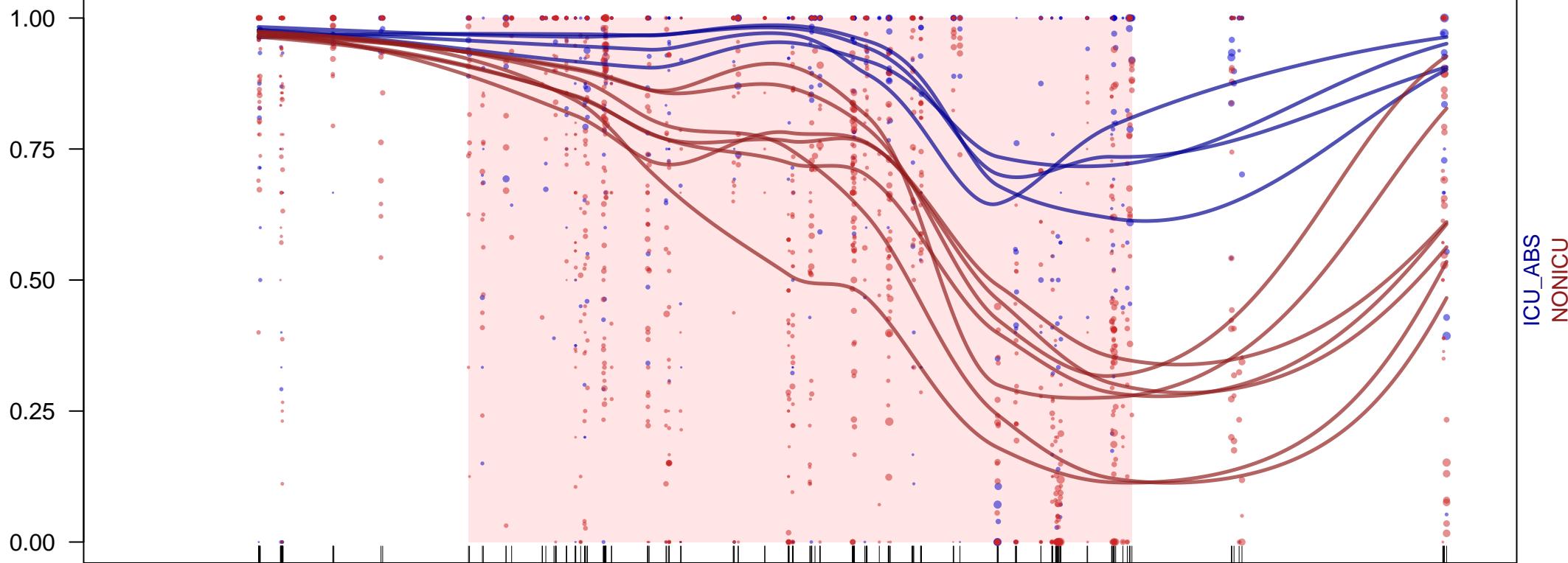


Island Shore Shelf Open Sea

Exons

chr11: 1,019,546 – 1,055,265 (width = 35,720)

Methylation



CpGs



Island Shore Shelf Open Sea

Exons

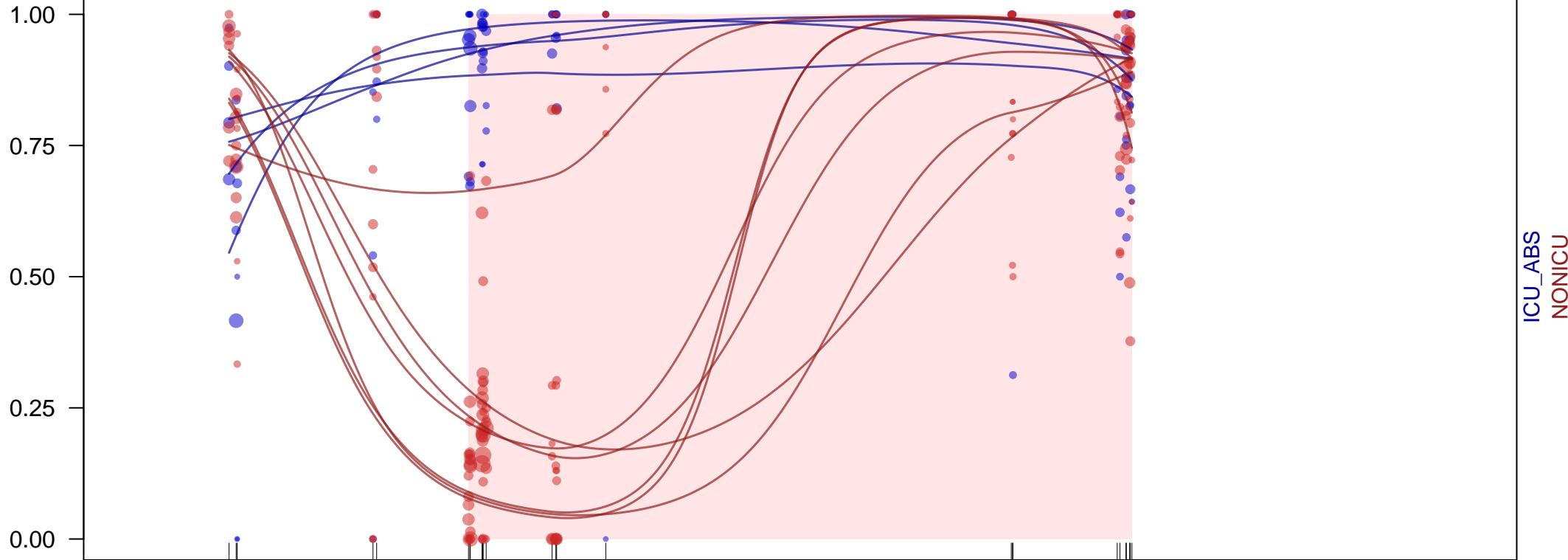


AP2A2

MUC6

chr4: 7,124,691 – 7,130,470 (width = 5,780)

Methylation

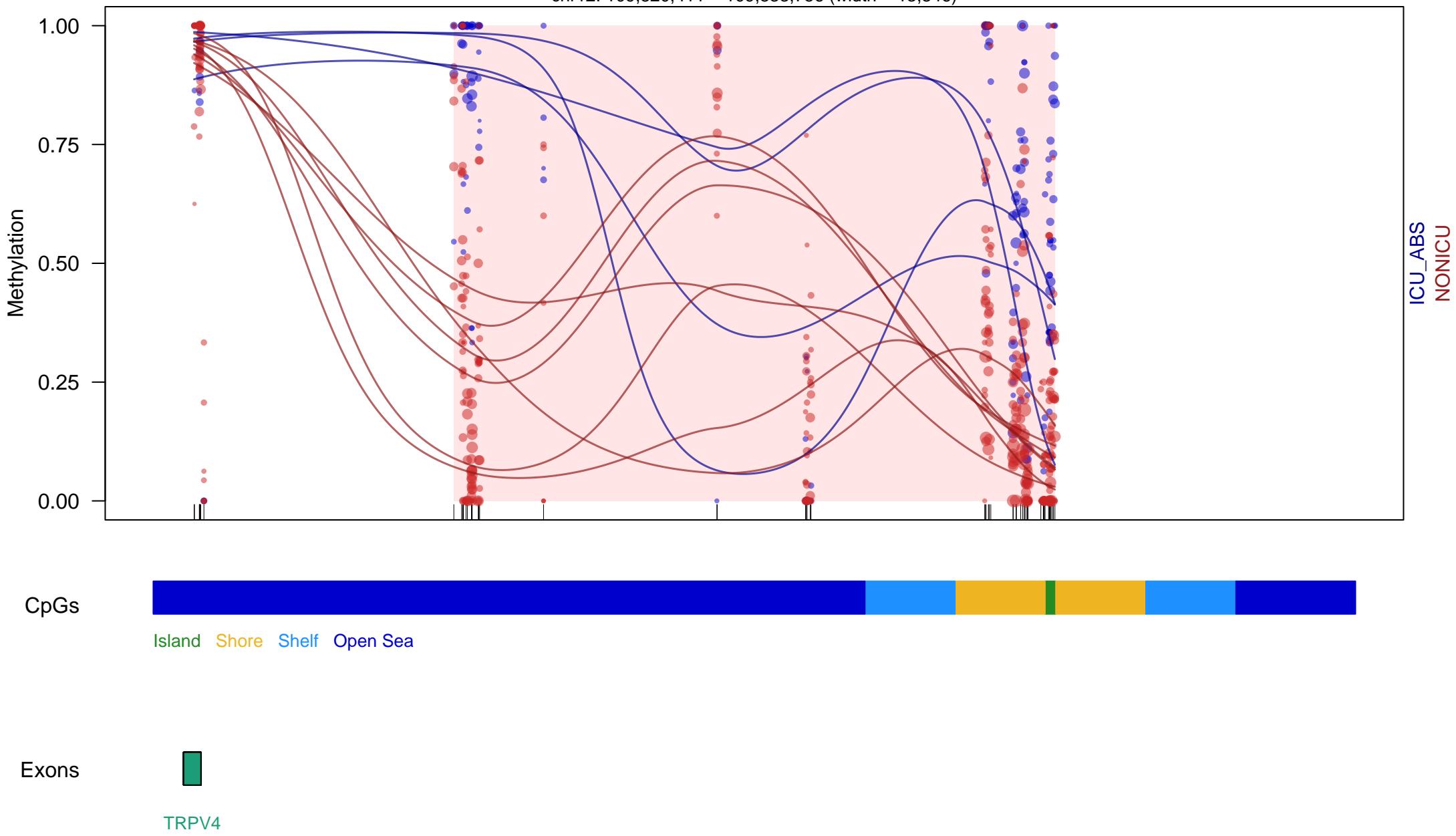


CpGs



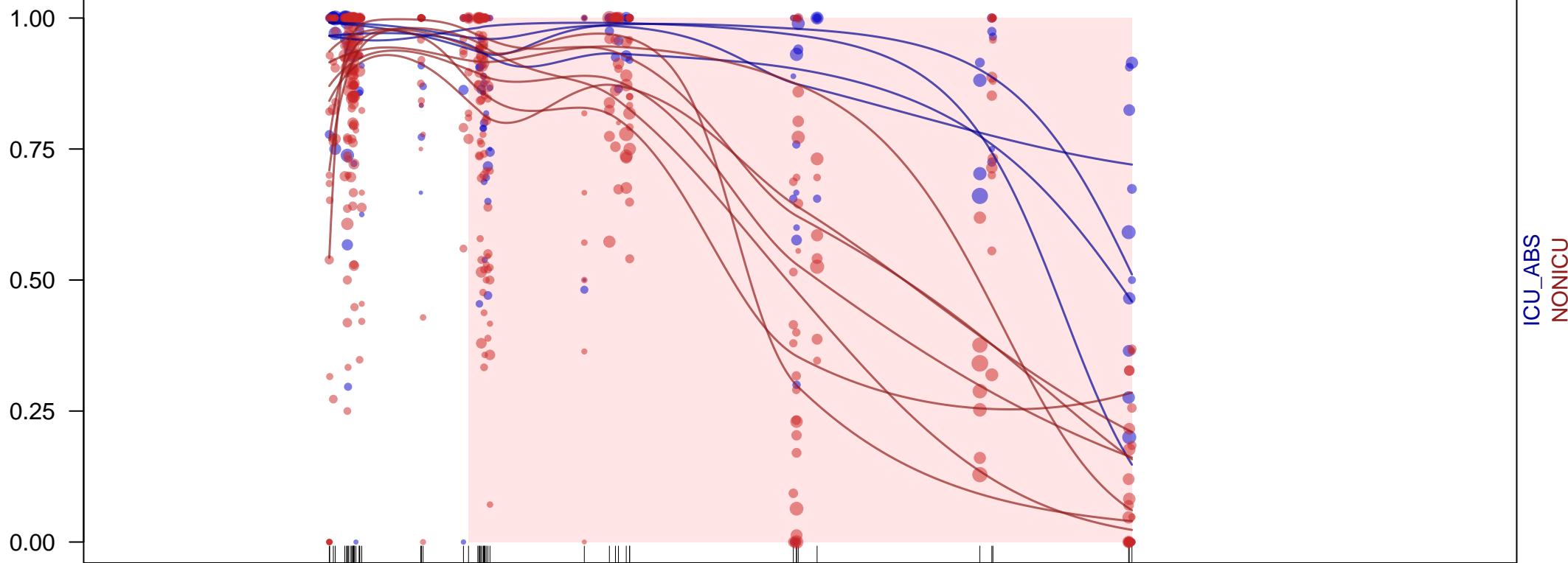
Exons

chr12: 109,820,411 – 109,833,756 (width = 13,346)



chr19: 3,464,662 – 3,473,318 (width = 8,657)

Methylation



CpGs



Exons



NFIC



SMIM24

chr17: 41,503,384 – 41,528,799 (width = 25,416)

