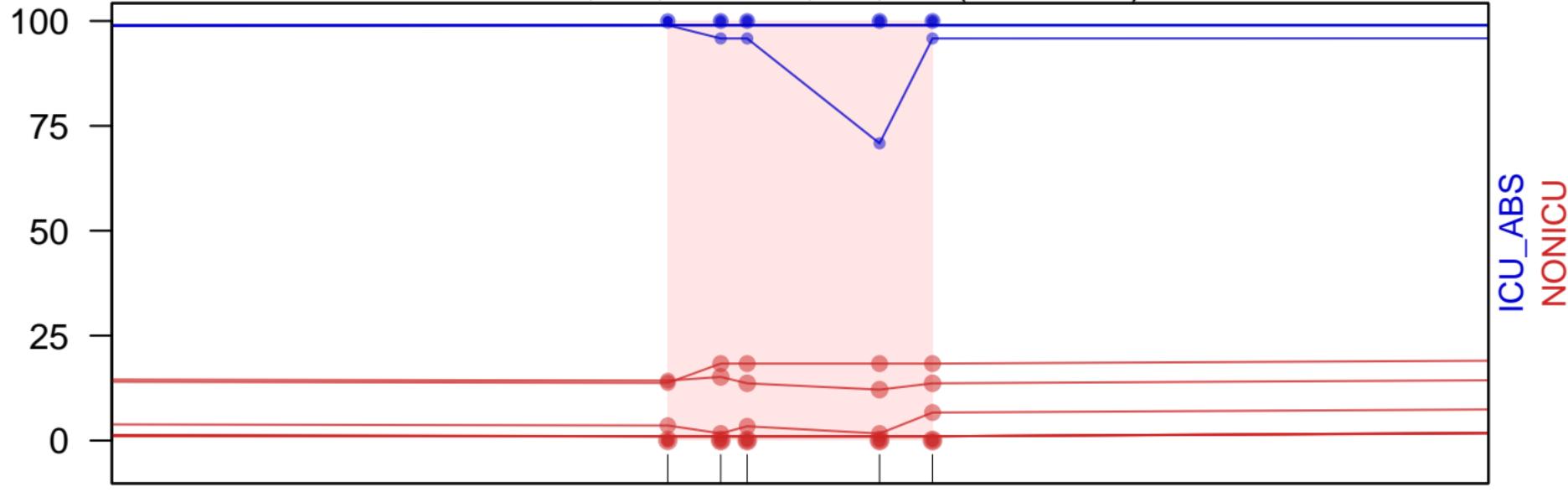


chr6: 42,123,103 – 42,123,123 (width = 21)

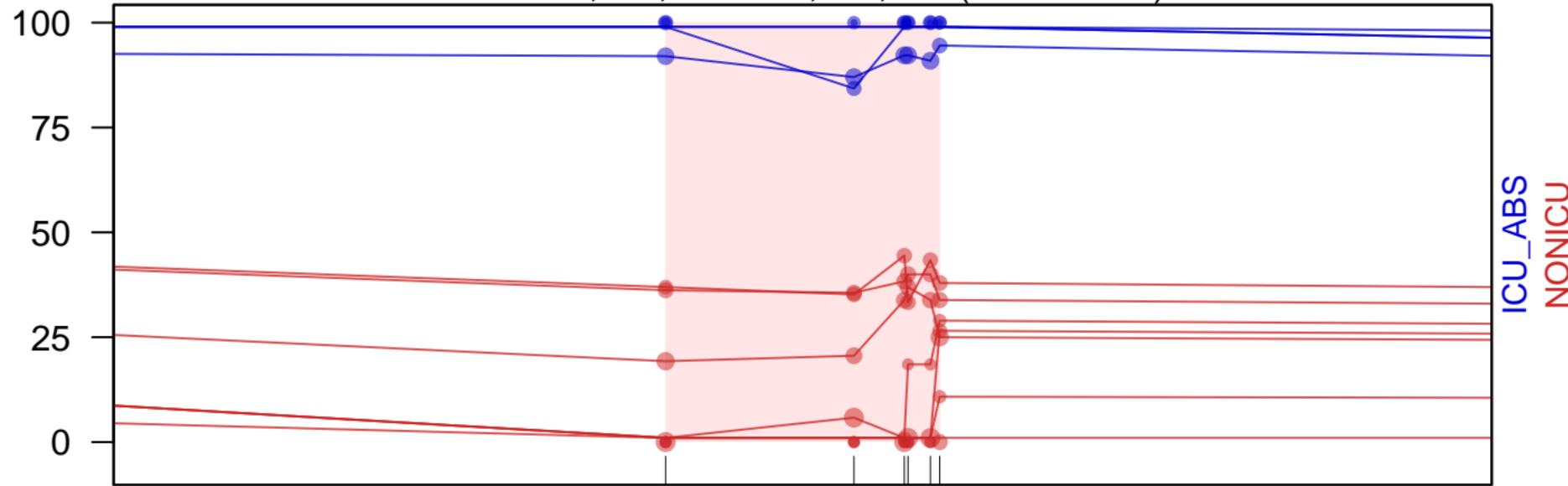
Methylation



Exons

chr13: 20,420,100 – 20,420,247 (width = 148)

Methylation



CpGs

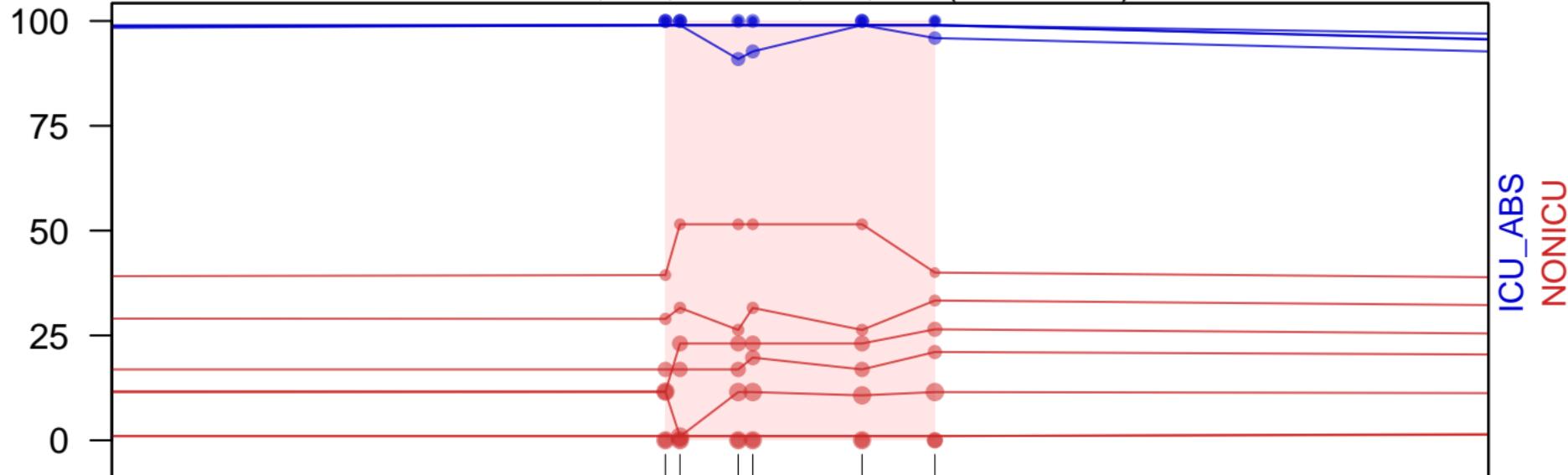
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr10: 5,546,169 – 5,546,206 (width = 38)

Methylation



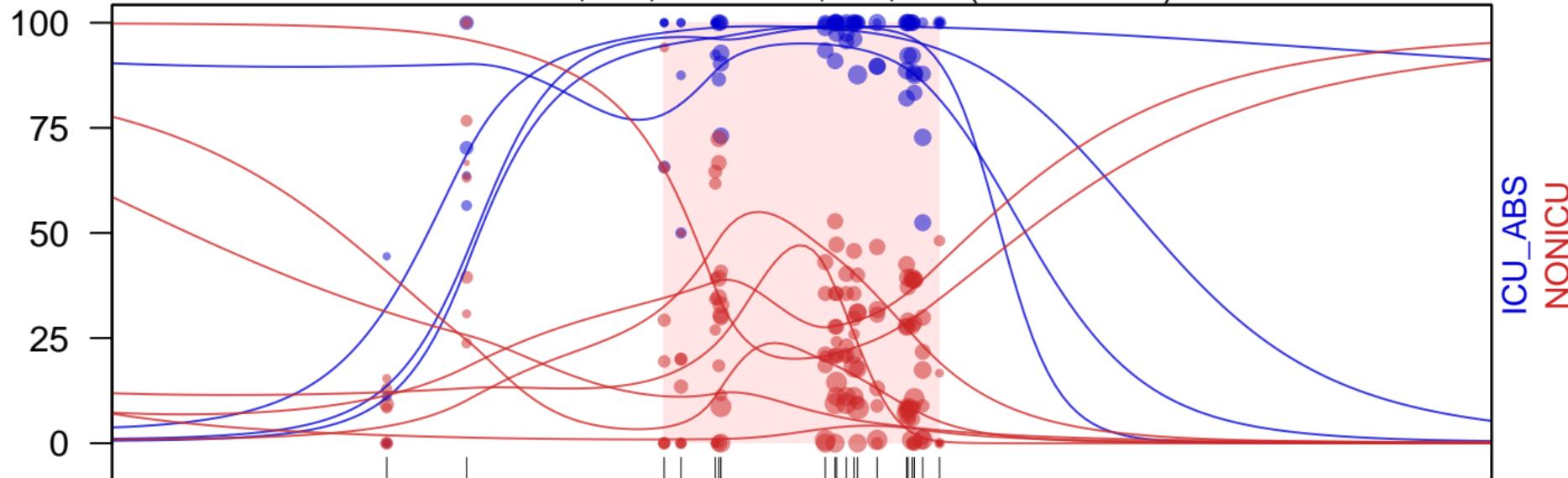
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 241,859,671 – 241,860,064 (width = 394)

Methylation



CpGs

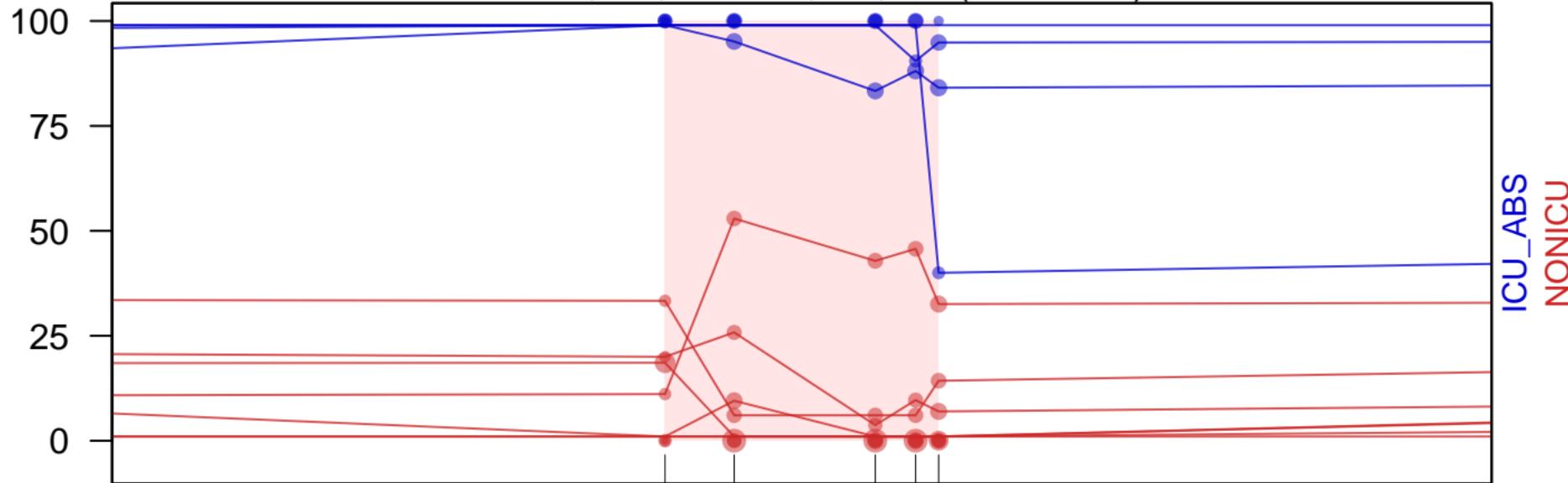
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr1: 21,915,027 – 21,915,122 (width = 96)

Methylation



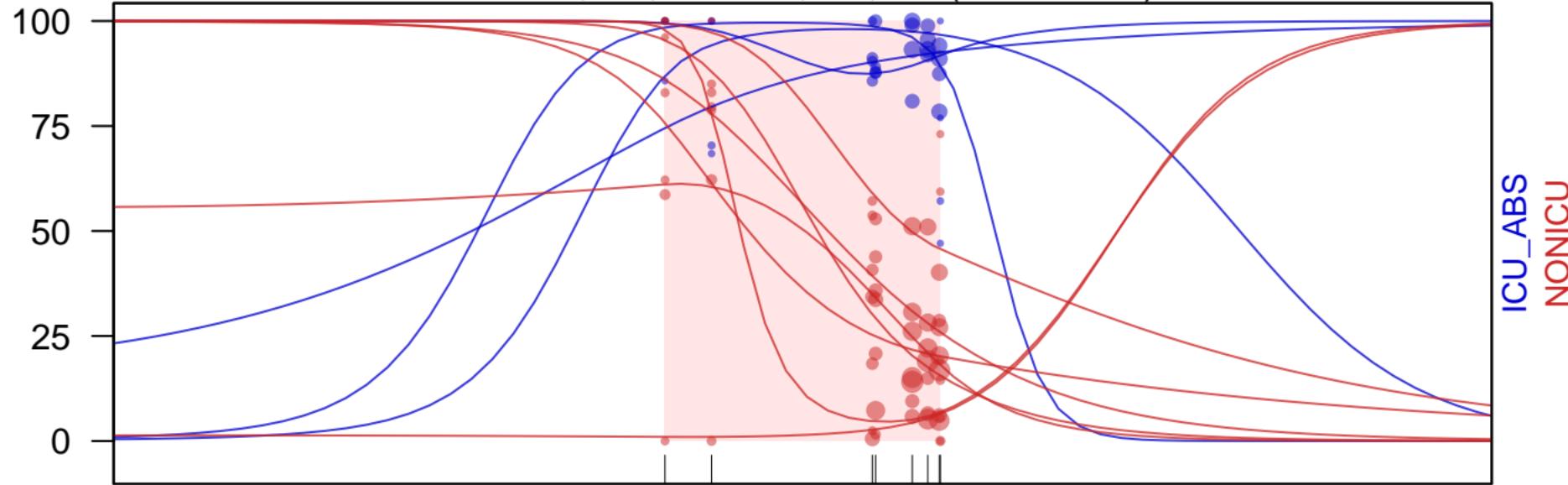
CpGs

Island Shore Shelf Open Sea

Exons

chr4: 86,848,795 – 86,849,629 (width = 835)

Methylation



CpGs

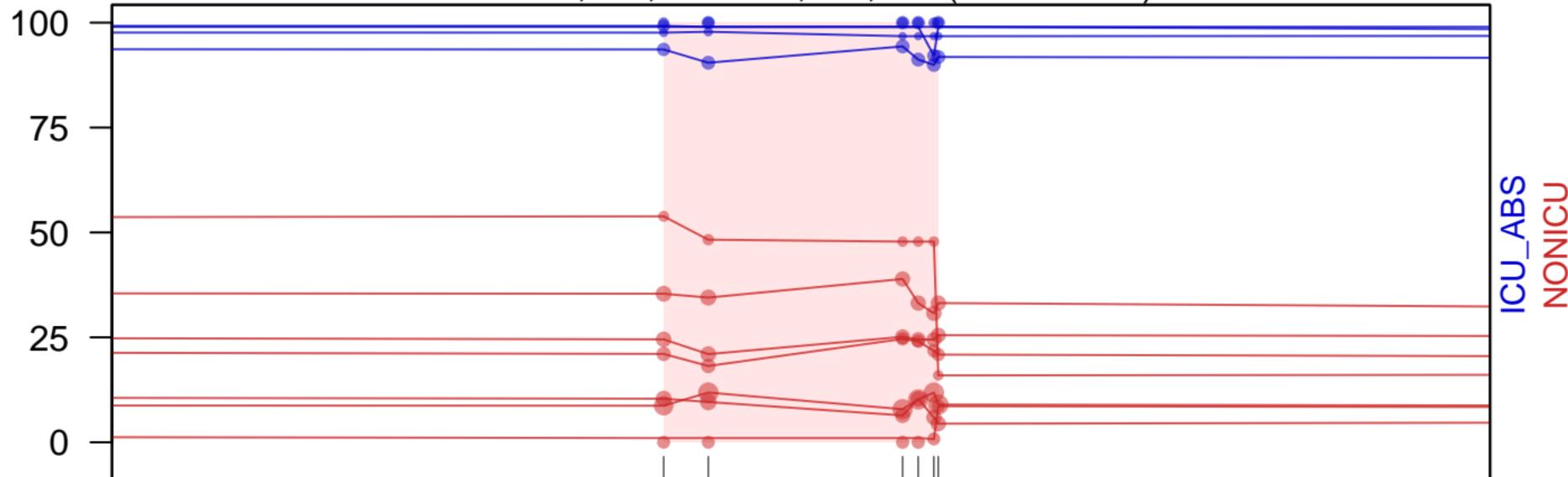
Island Shore Shelf Open Sea

Exons



chr1: 61,184,055 – 61,184,301 (width = 247)

Methylation



CpGs

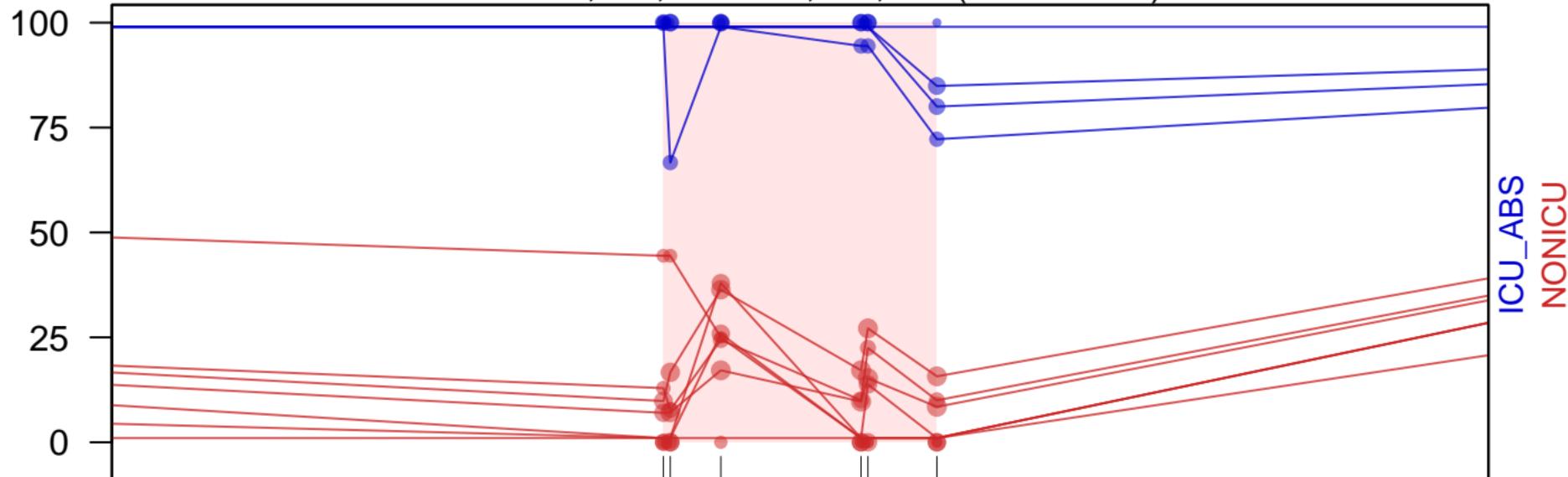
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr20: 51,428,510 – 51,428,629 (width = 120)

Methylation

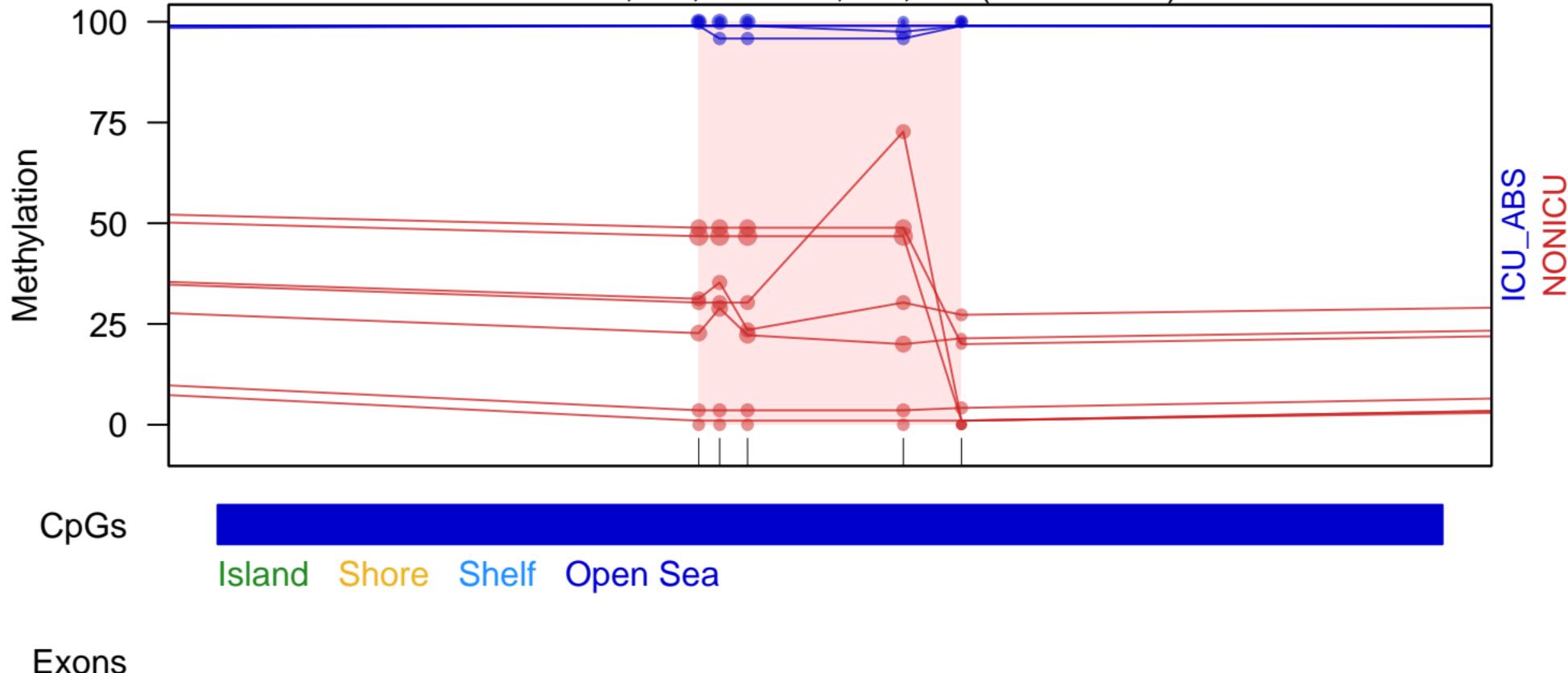


CpGs

Island Shore Shelf Open Sea

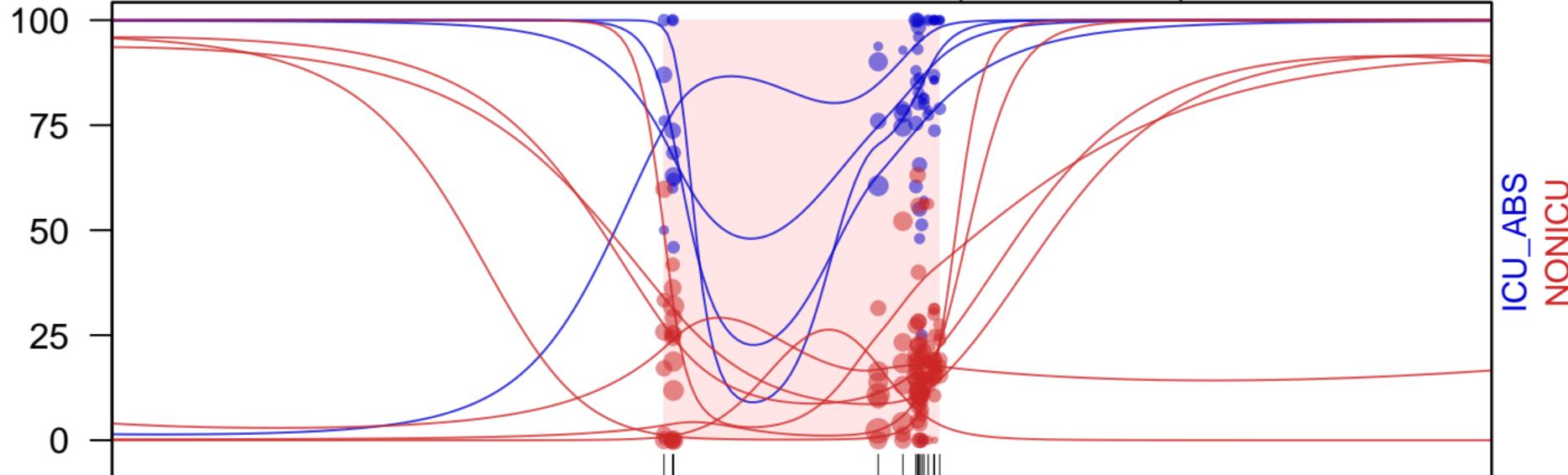
Exons

chr10: 24,808,238 – 24,808,351 (width = 114)



chr2: 120,312,662 – 120,313,935 (width = 1,274)

Methylation

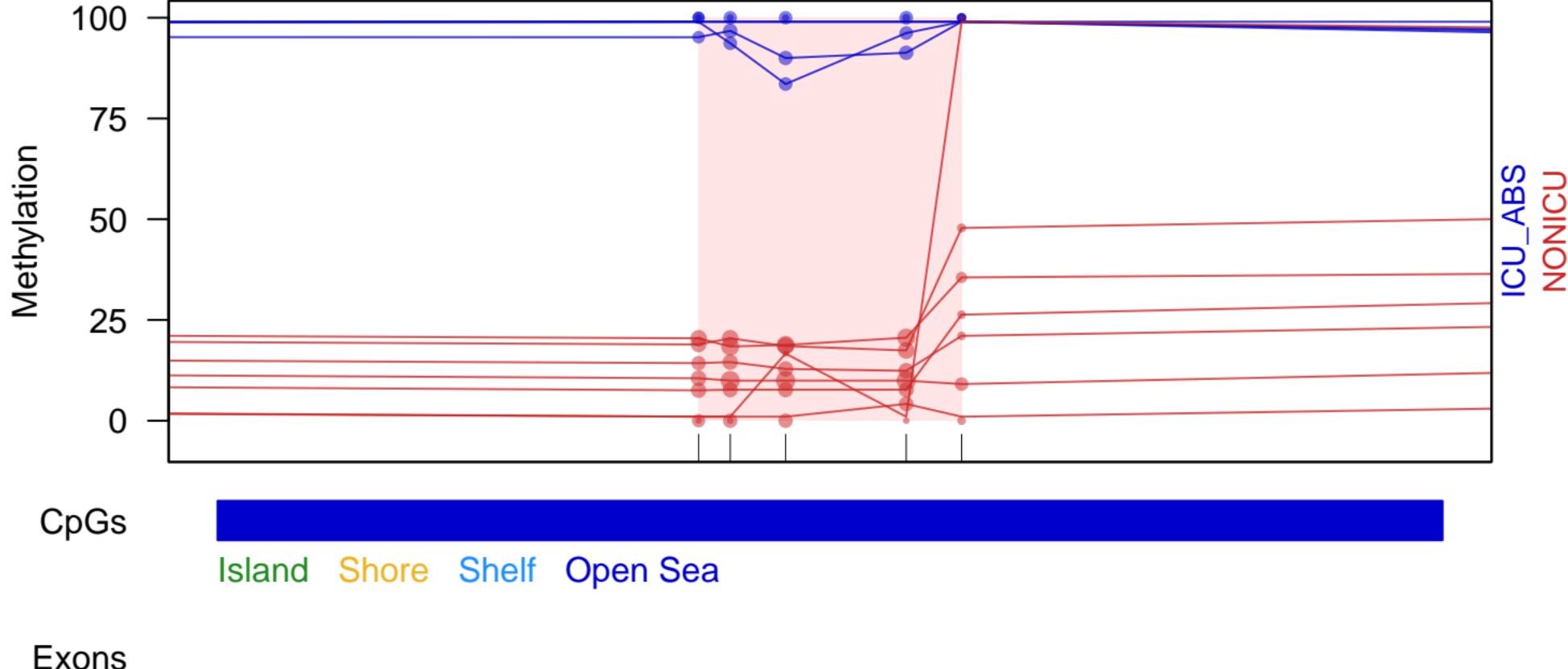


CpGs

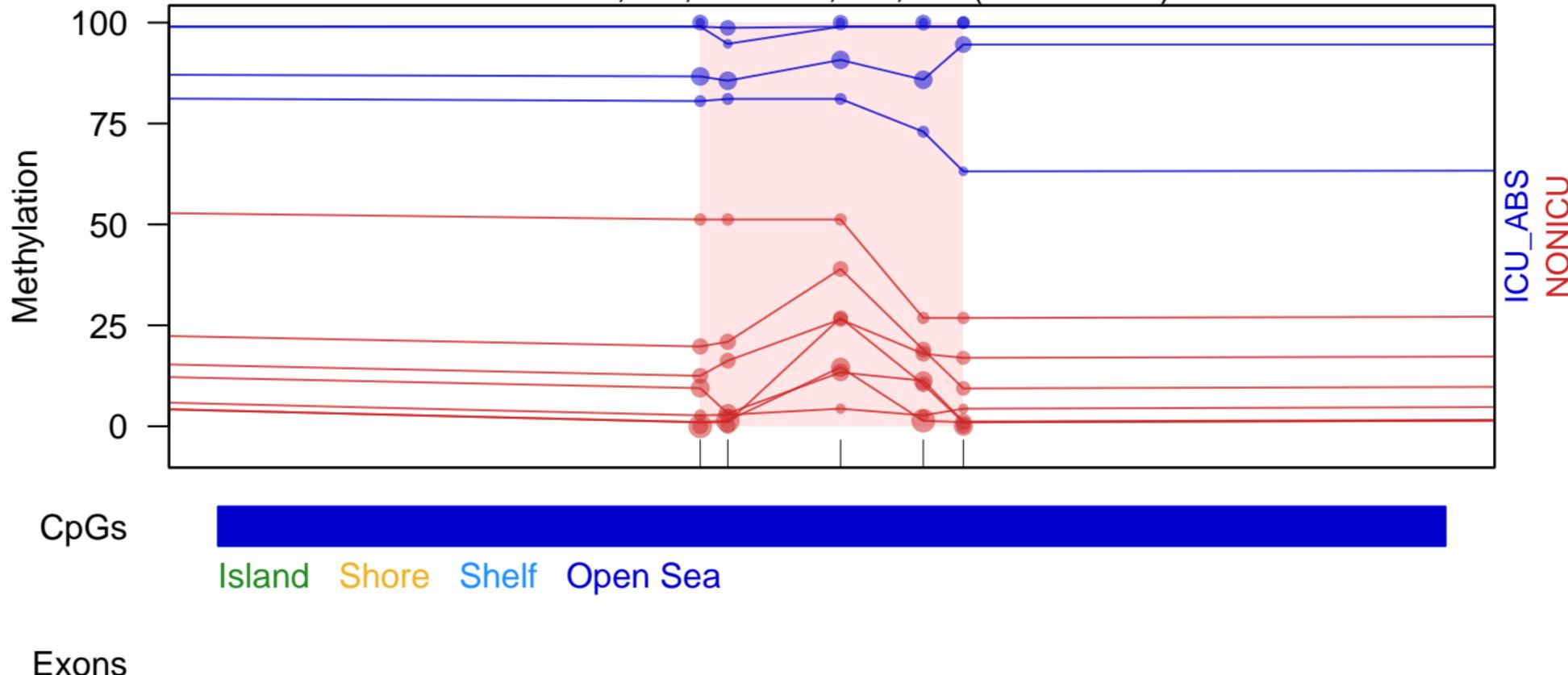
Island Shore Shelf Open Sea

Exons

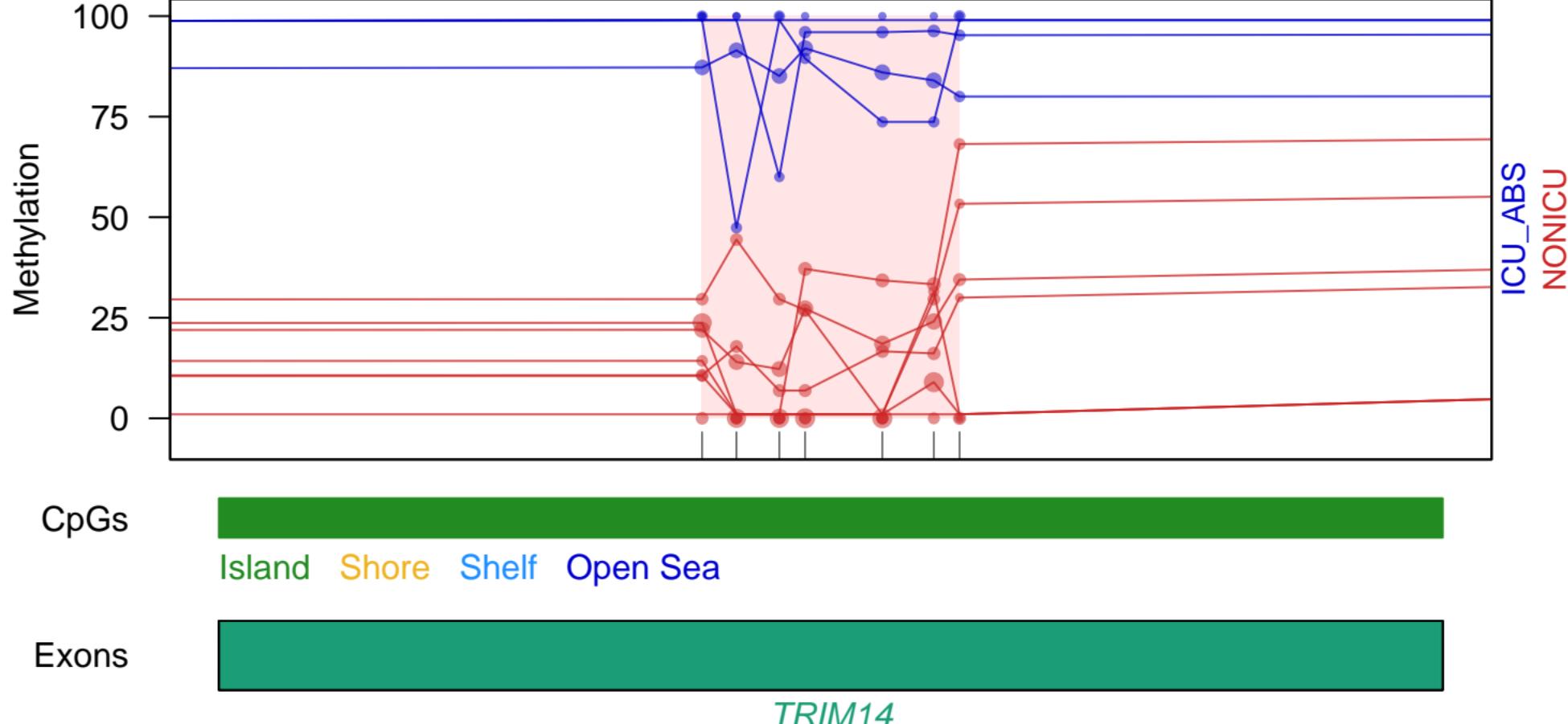
chr3: 25,886,644 – 25,886,777 (width = 134)



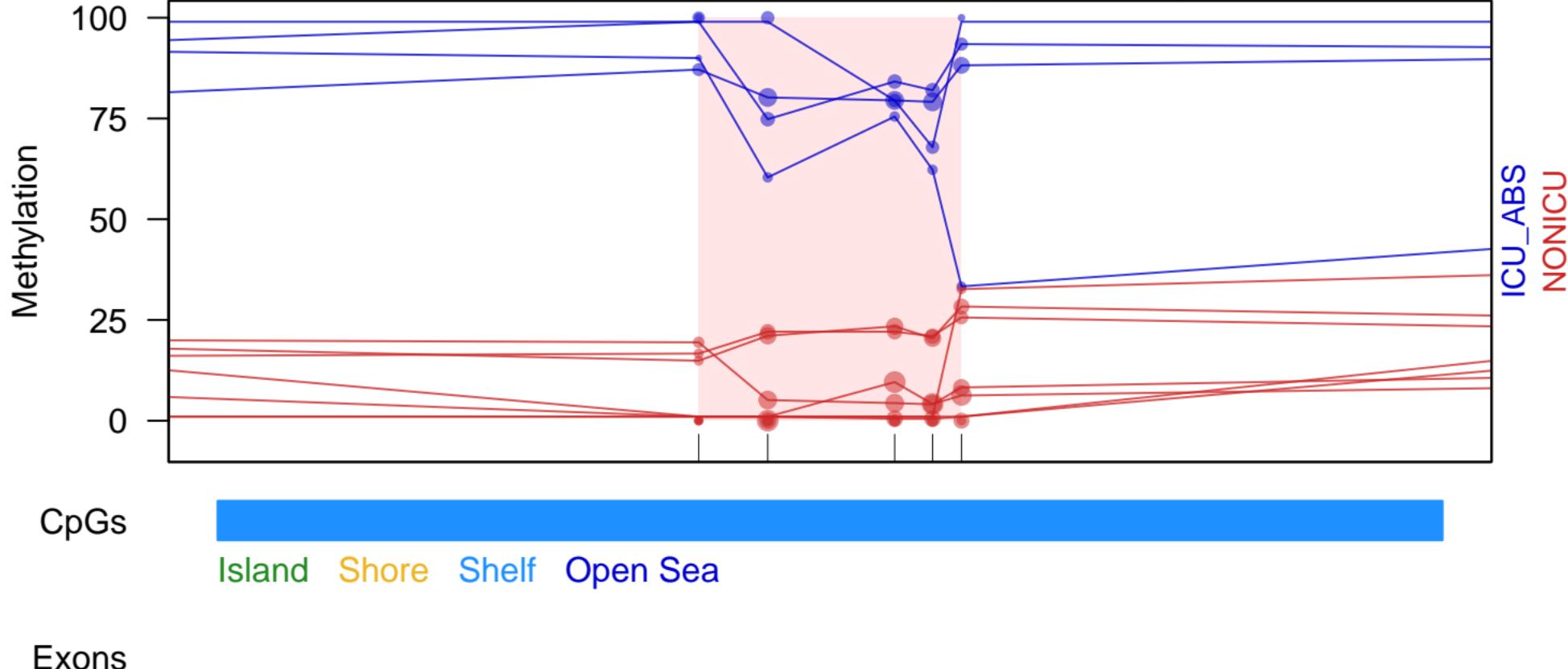
chr7: 70,068,374 – 70,068,479 (width = 106)



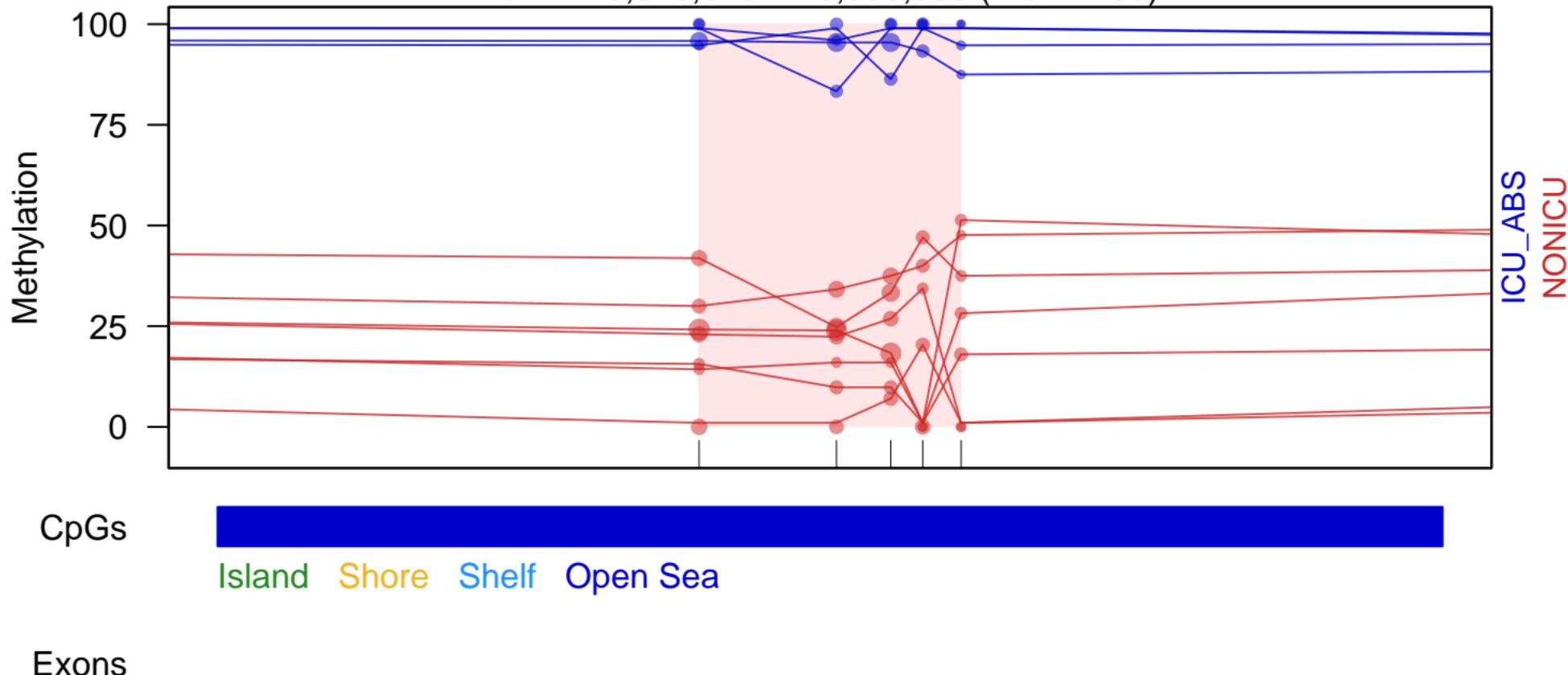
chr9: 98,087,571 – 98,087,601 (width = 31)



chr2: 240,449,863 – 240,449,981 (width = 119)

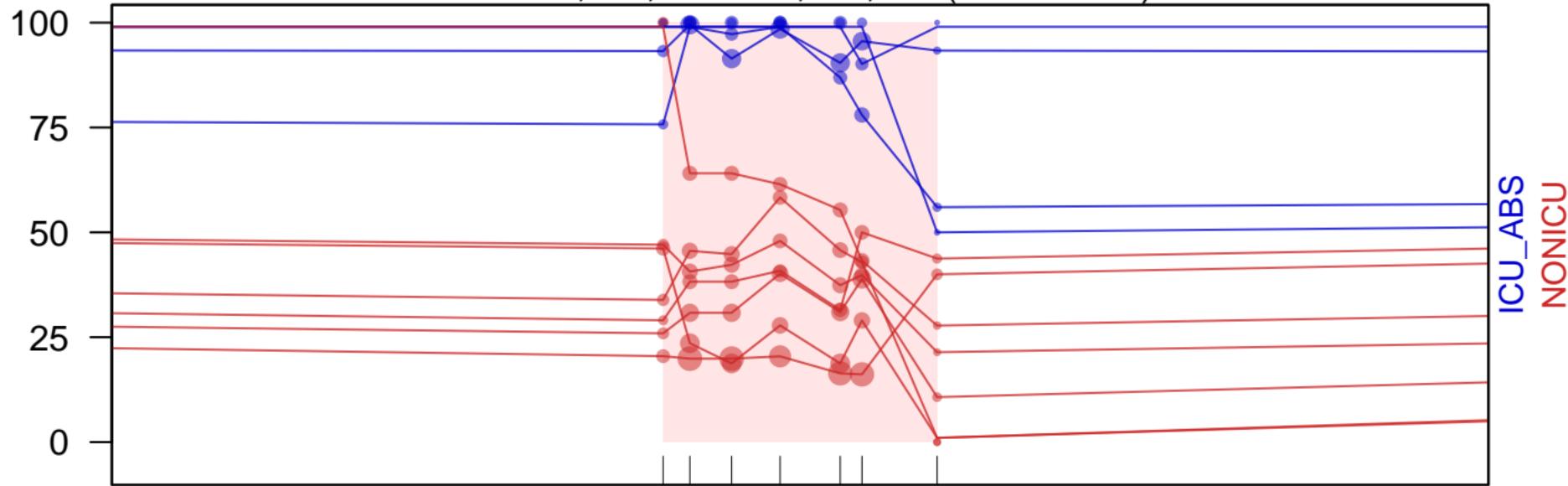


chr1: 19,349,976 – 19,350,058 (width = 83)



chr6: 21,479,377 – 21,479,541 (width = 165)

Methylation



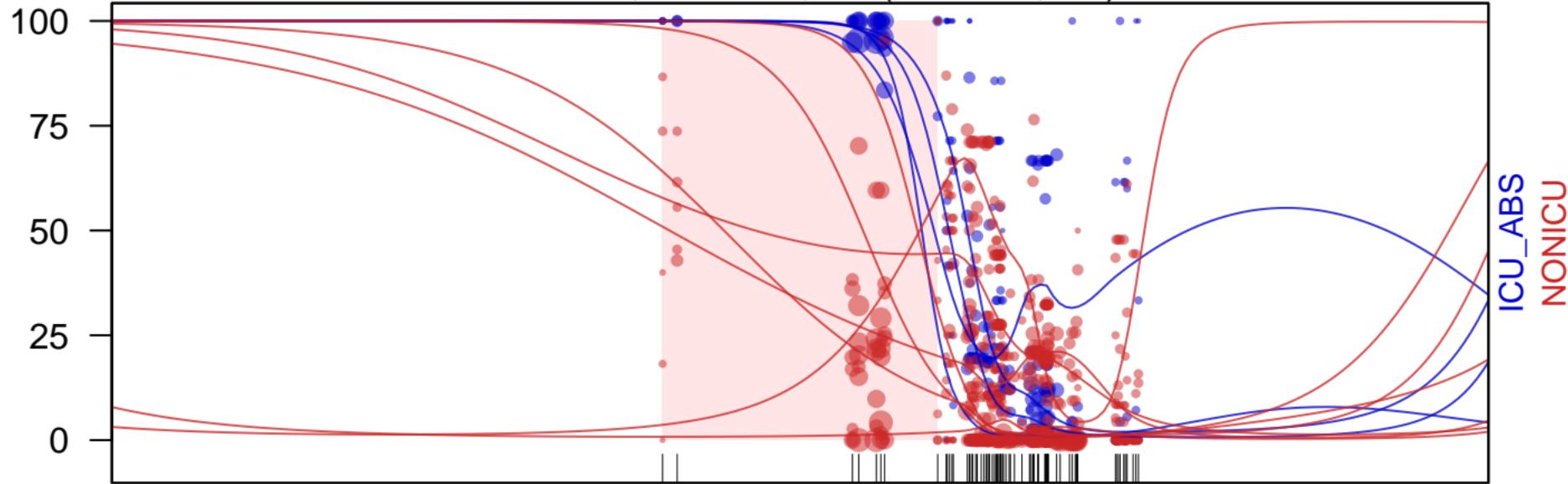
CpGs

Island Shore Shelf Open Sea

Exons

chr8: 686,526 – 687,620 (width = 1,095)

Methylation

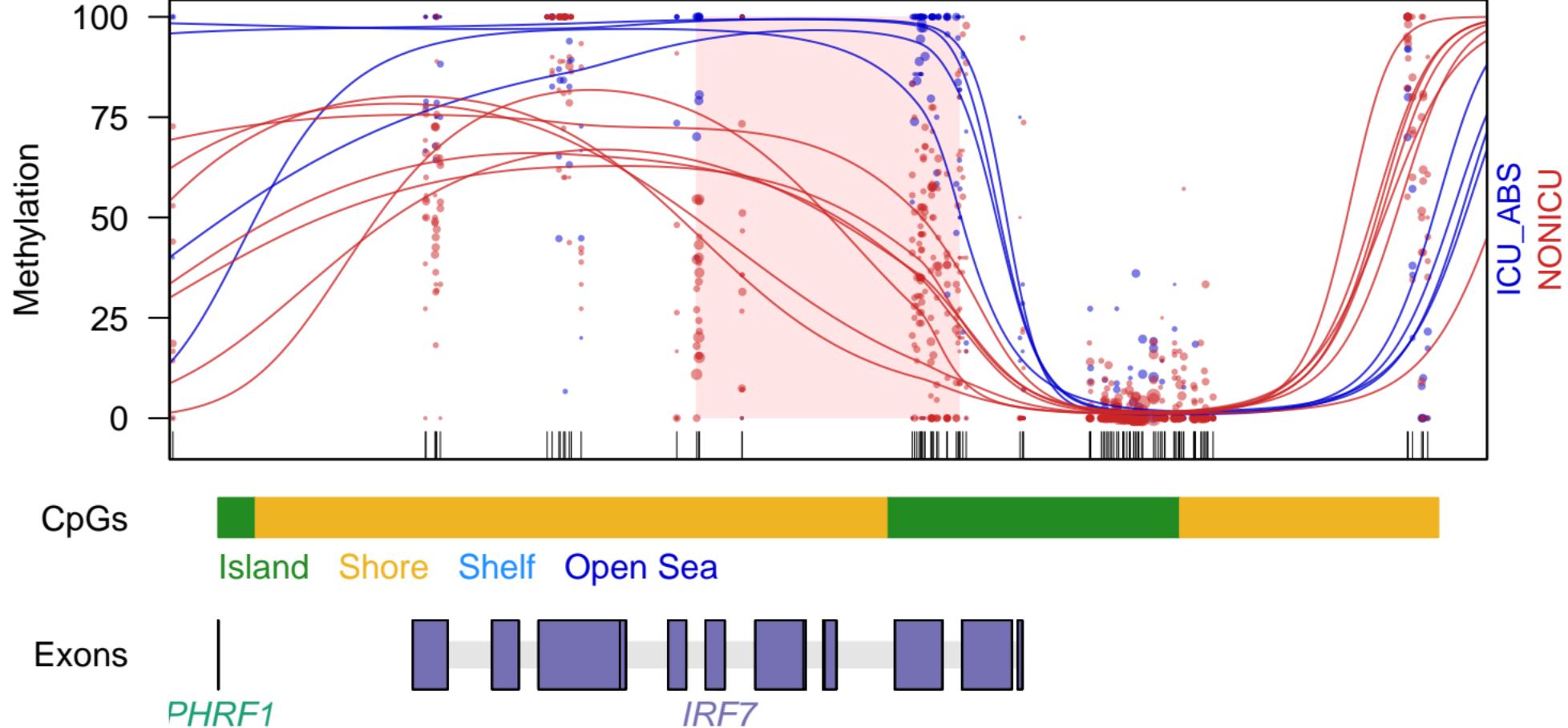


CpGs



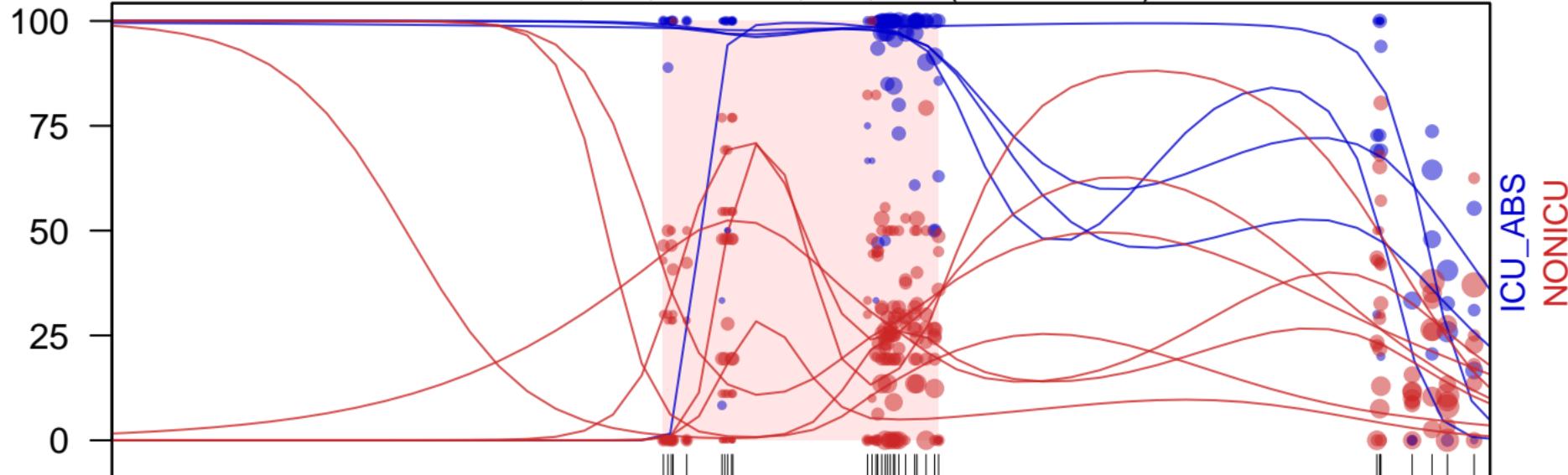
Exons

chr11: 613,955 – 615,043 (width = 1,089)



chr1: 92,480,769 – 92,481,253 (width = 485)

Methylation



CpGs

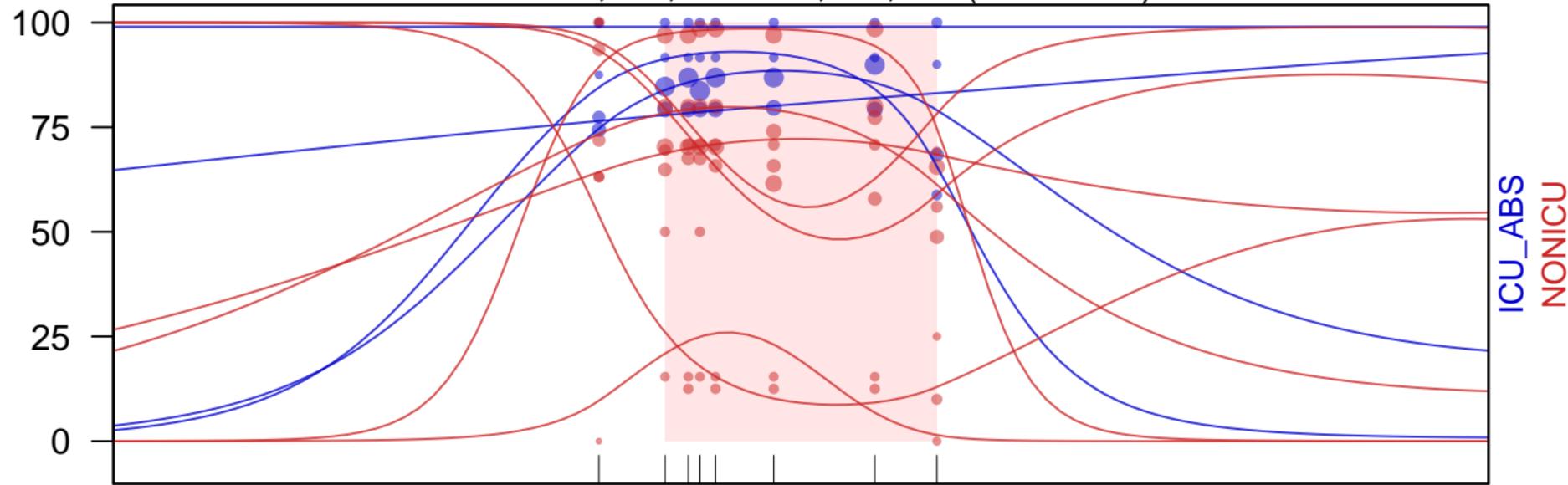


Exons



chr18: 12,777,194 – 12,777,264 (width = 71)

Methylation



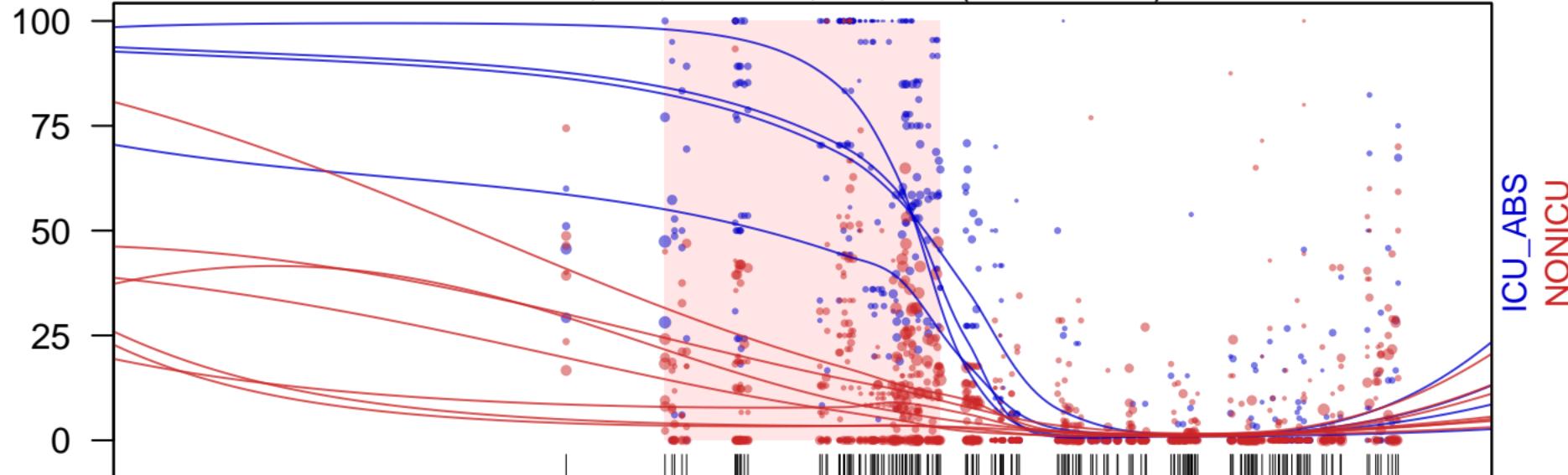
CpGs

Island Shore Shelf Open Sea

Exons

chr20: 64,047,902 – 64,048,679 (width = 778)

Methylation



CpGs

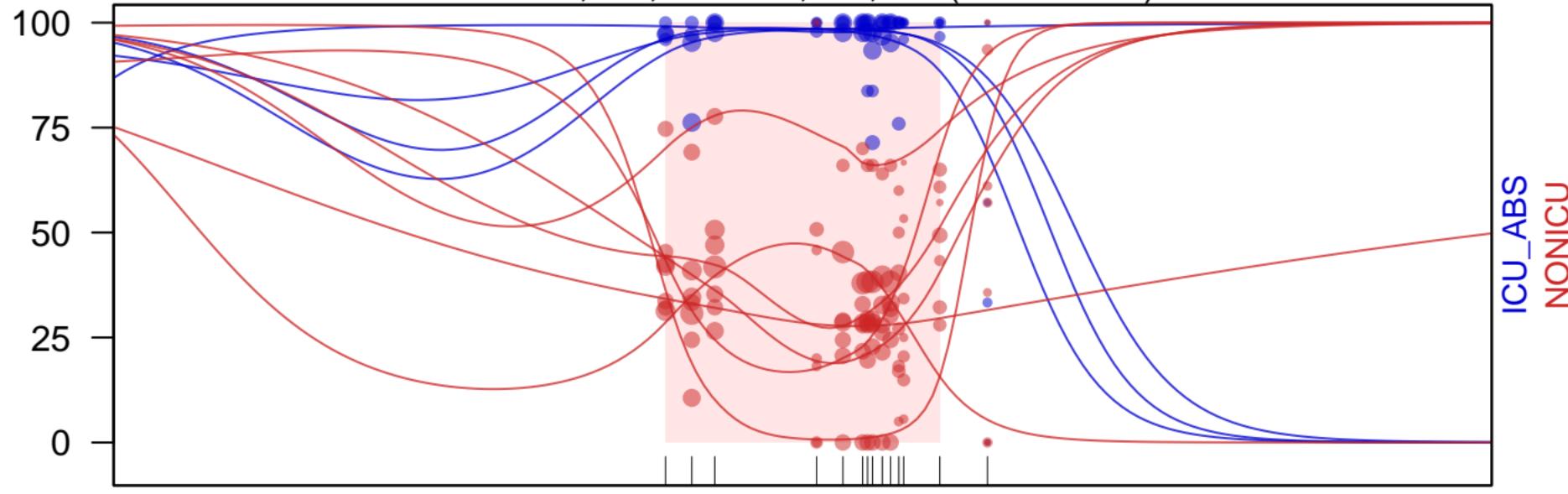


Exons



chr2: 71,560,552 – 71,560,719 (width = 168)

Methylation



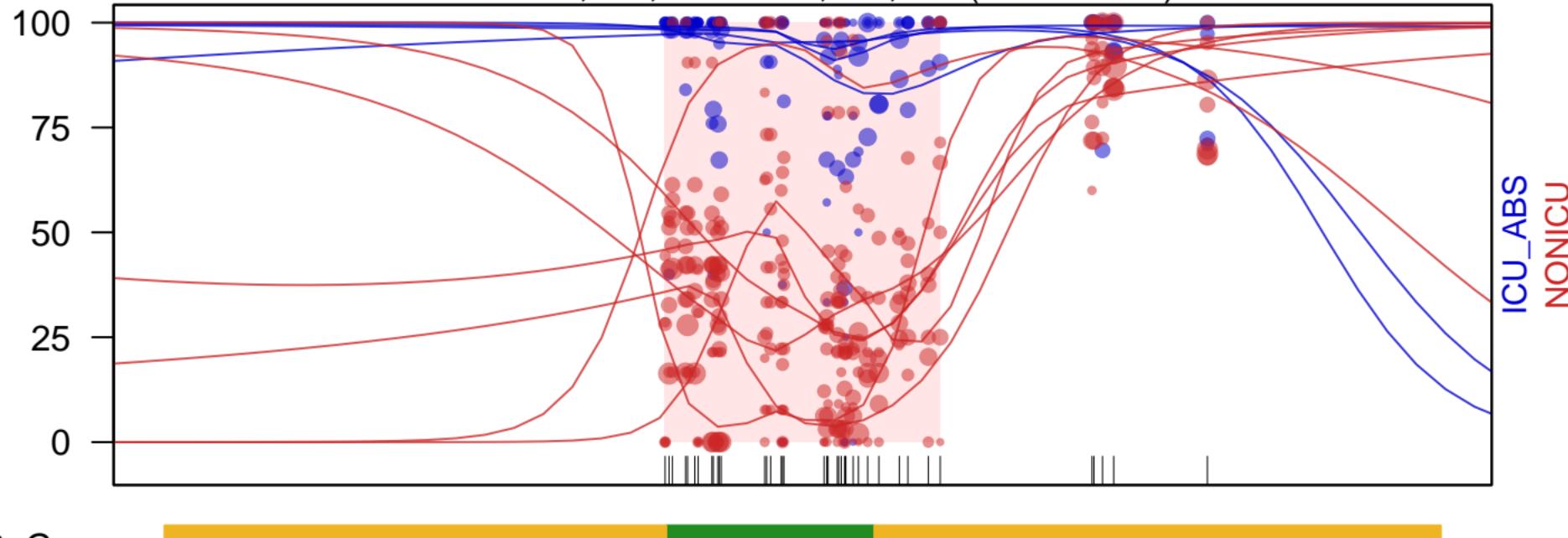
CpGs



Exons

chr9: 120,894,486 – 120,894,903 (width = 418)

Methylation



CpGs

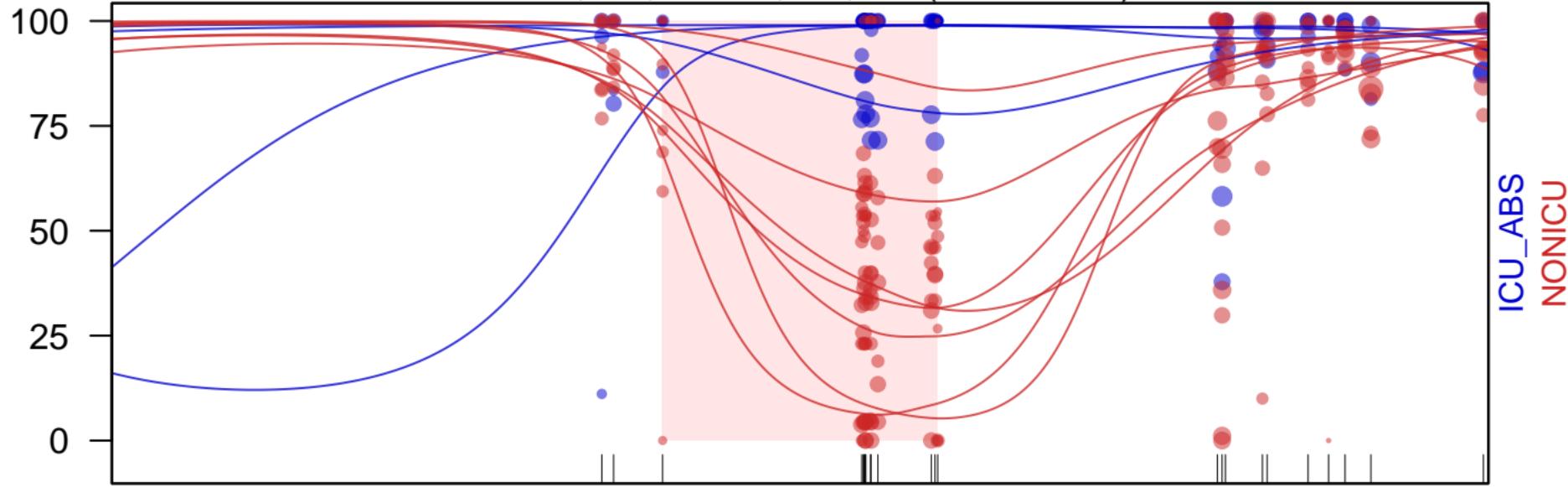
Island Shore Shelf Open Sea

Exons

PHF19

chr1: 3,267,608 – 3,268,427 (width = 820)

Methylation

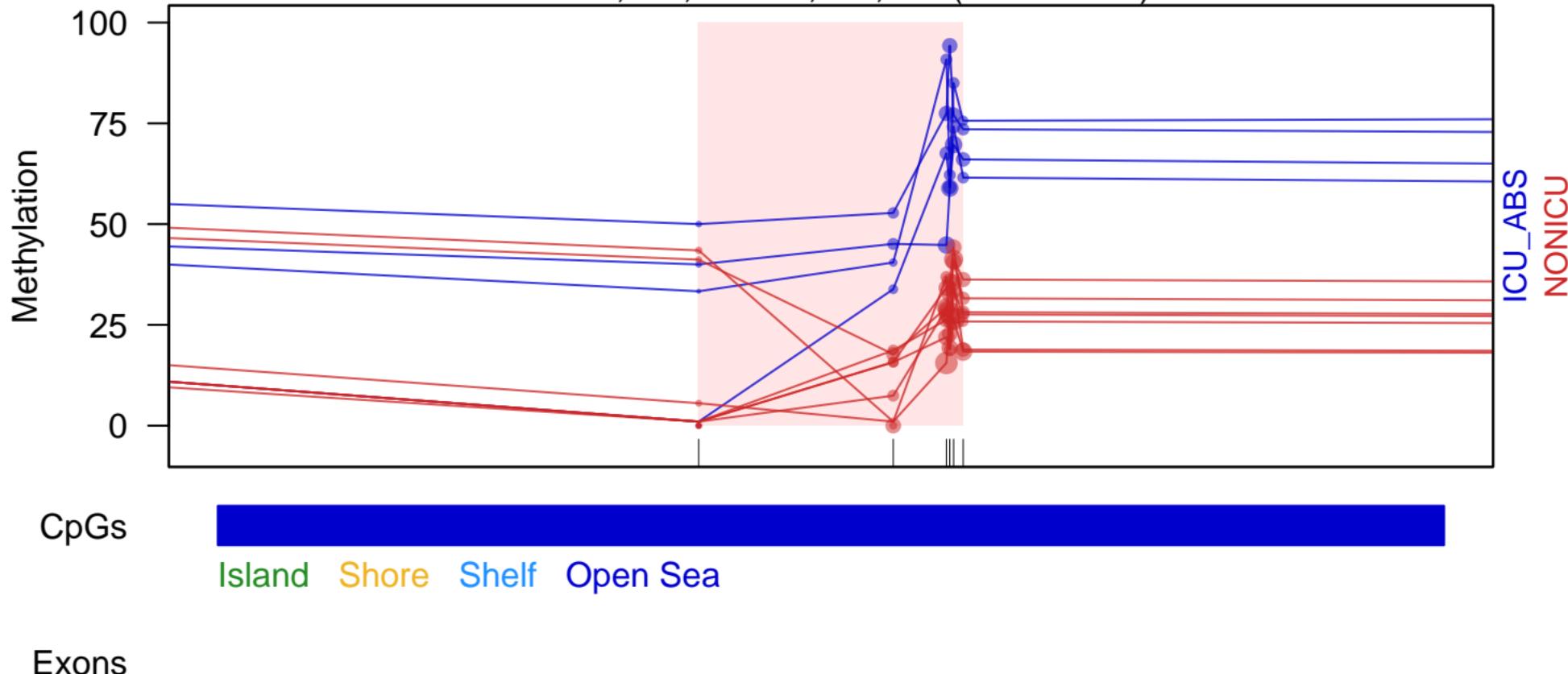


CpGs

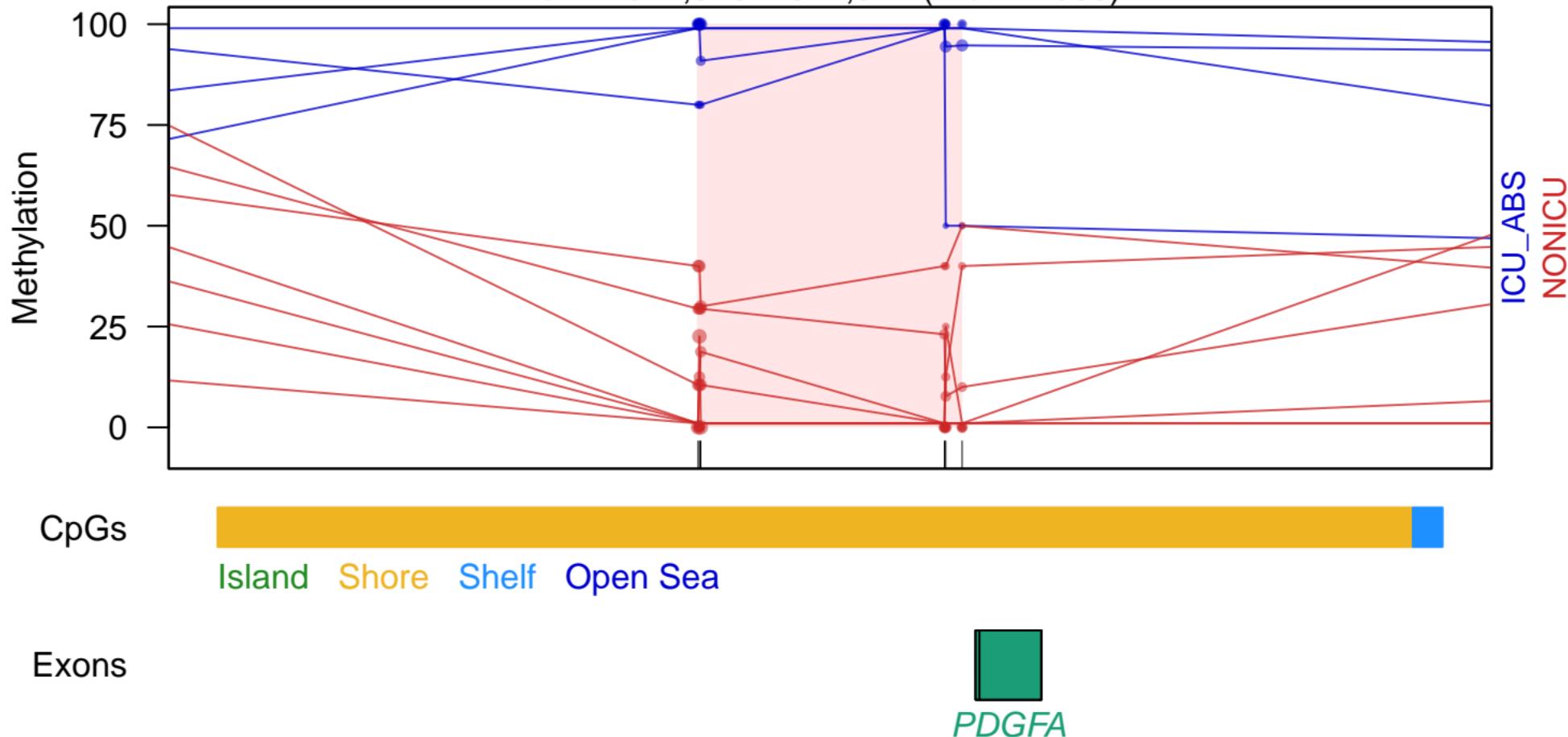


Exons

chr8: 7,158,175 – 7,158,727 (width = 553)

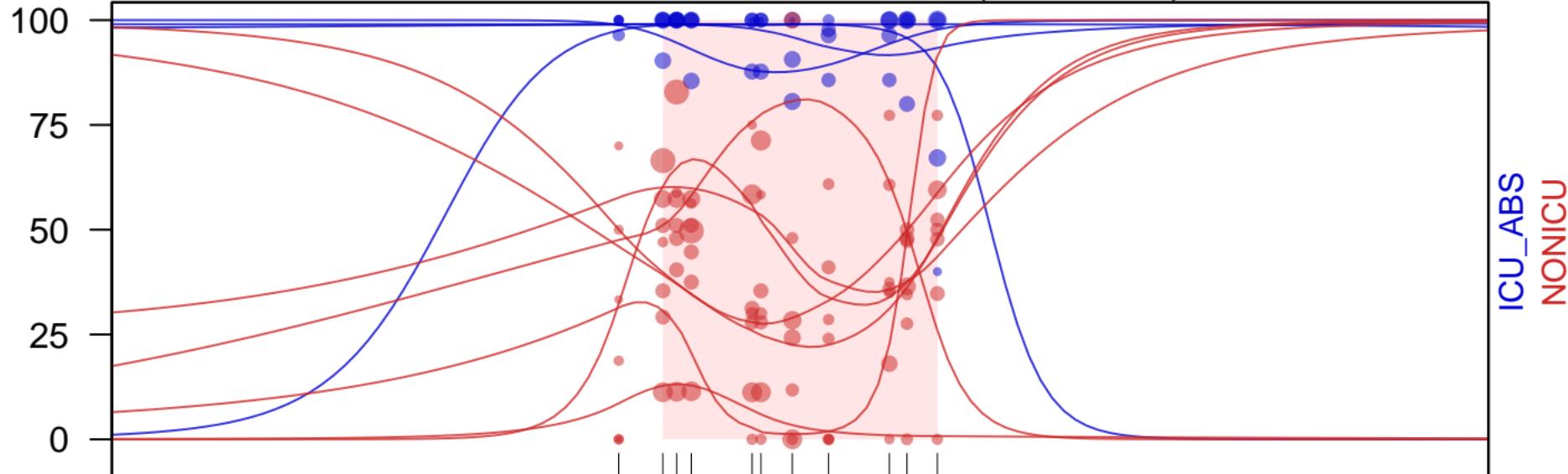


chr7: 511,926 – 512,314 (width = 389)



chr14: 105,042,106 – 105,042,386 (width = 281)

Methylation



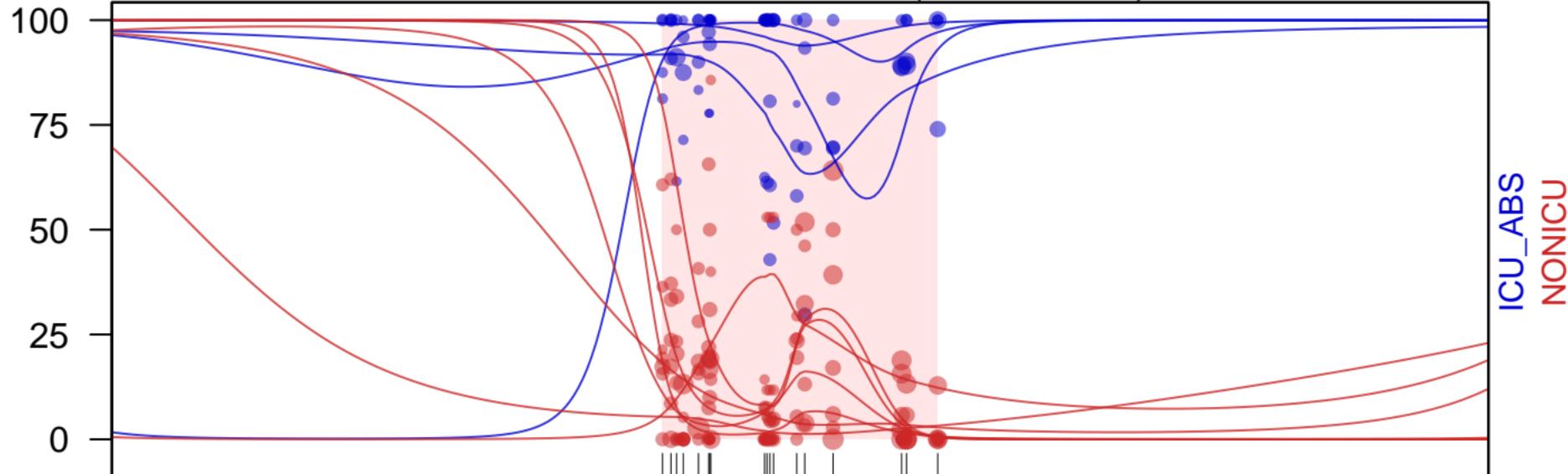
CpGs



Exons

chr2: 9,800,840 – 9,802,181 (width = 1,342)

Methylation



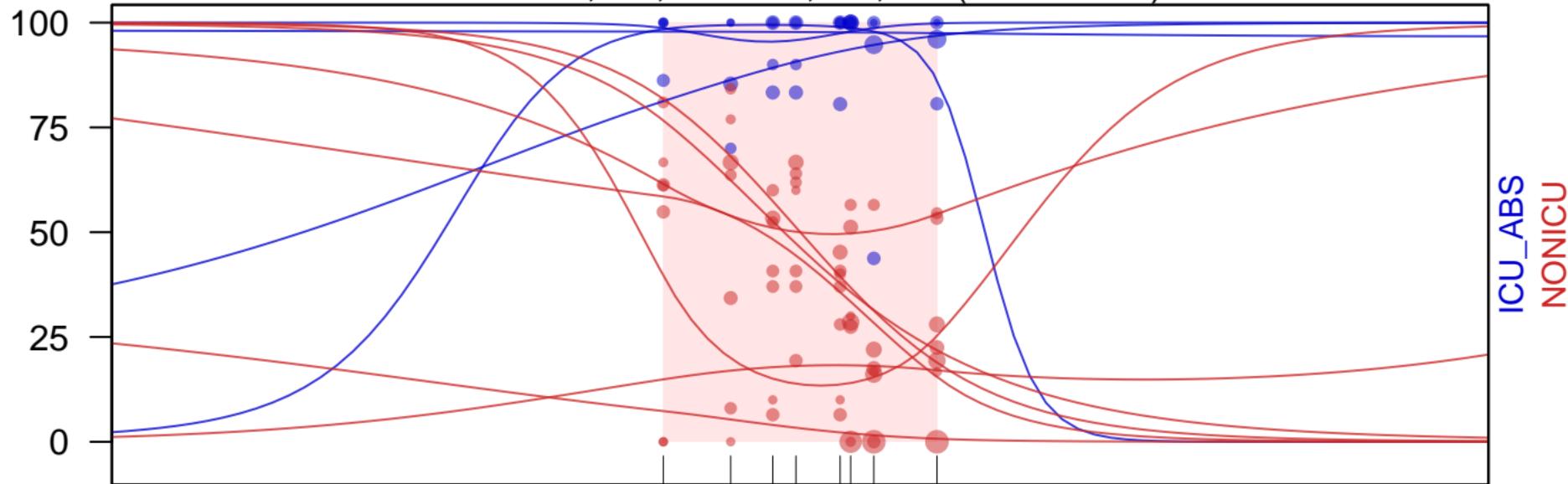
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 35,315,885 – 35,316,015 (width = 131)

Methylation



CpGs

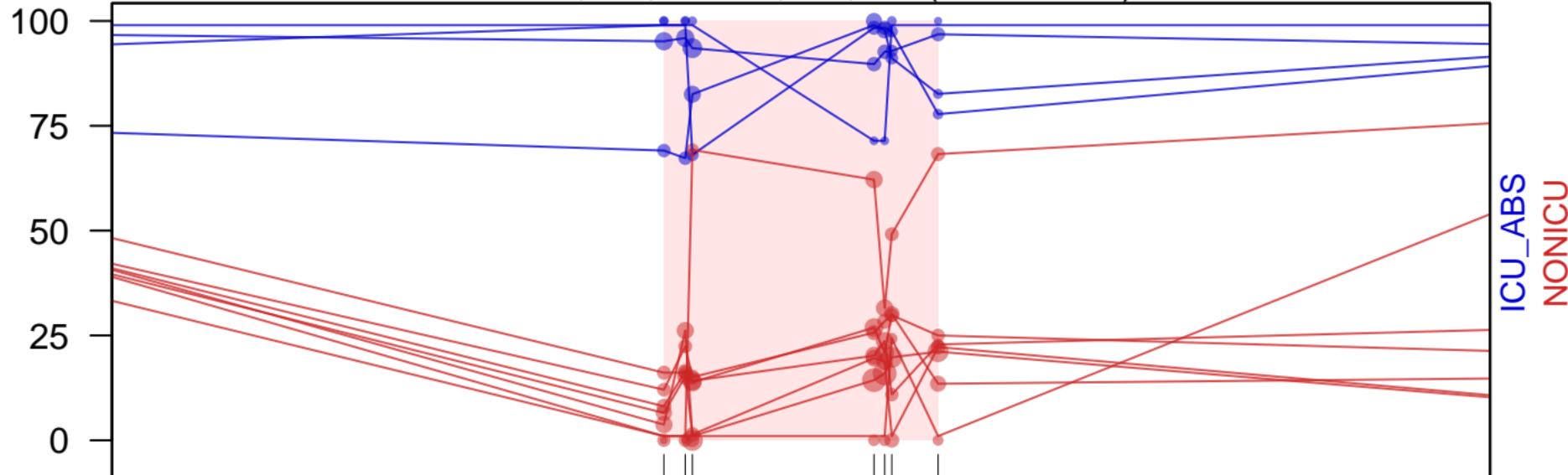
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr4: 7,124,691 – 7,124,845 (width = 155)

Methylation



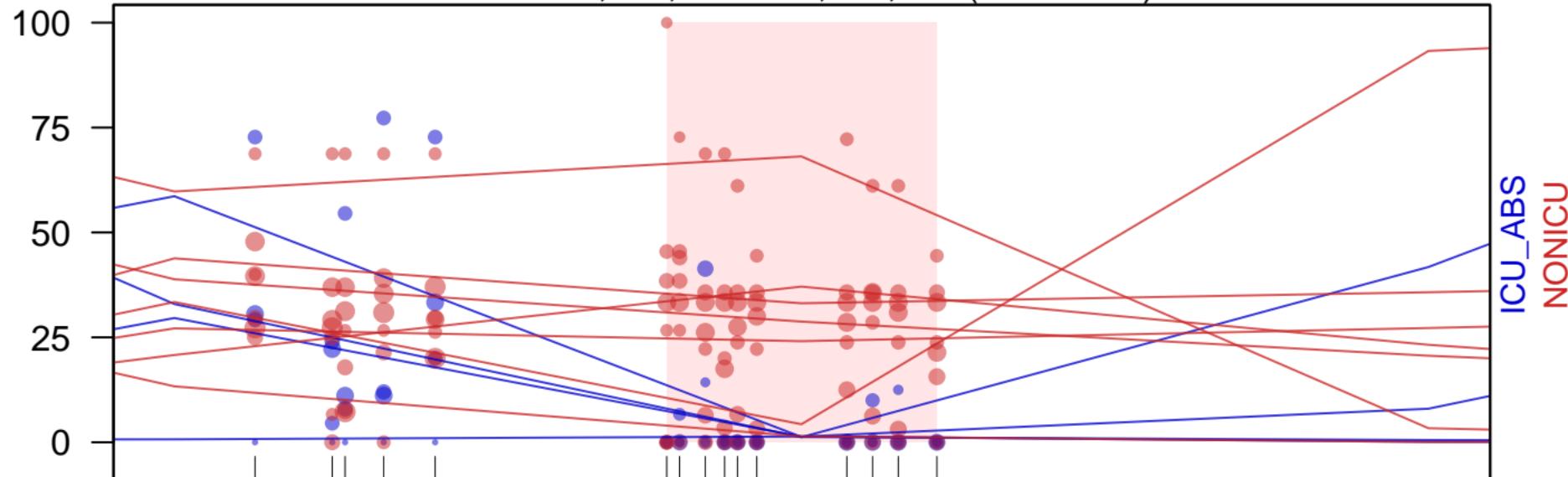
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 28,727,674 – 28,727,716 (width = 43)

Methylation



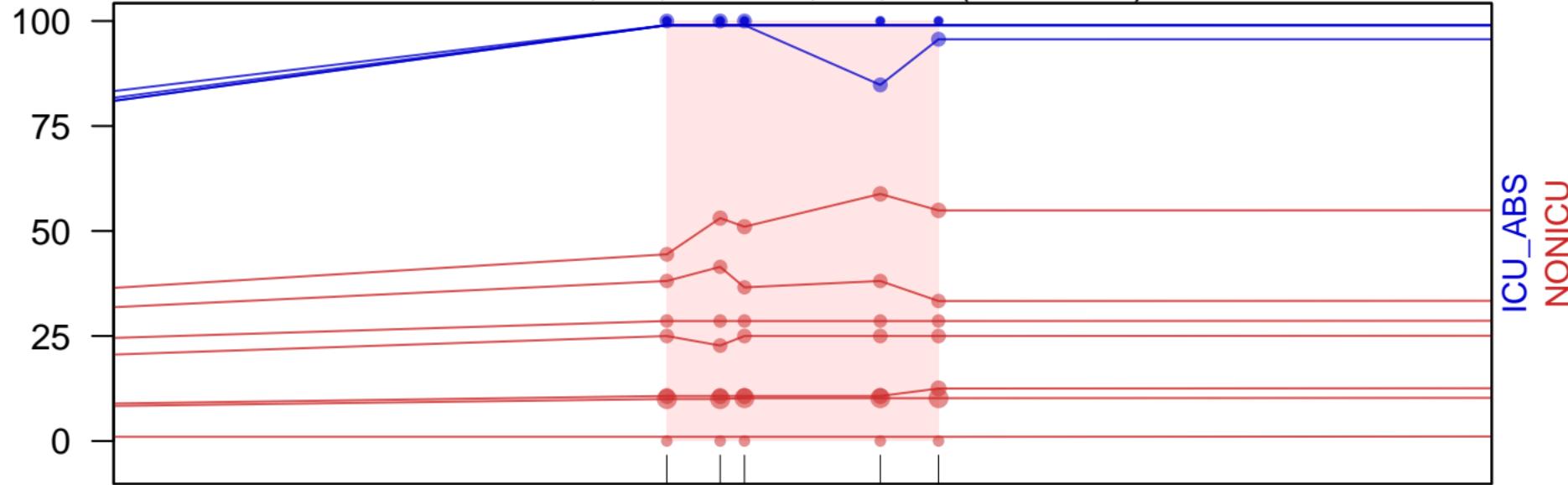
CpGs

Island Shore Shelf Open Sea

Exons

chr8: 70,669,901 – 70,669,957 (width = 57)

Methylation



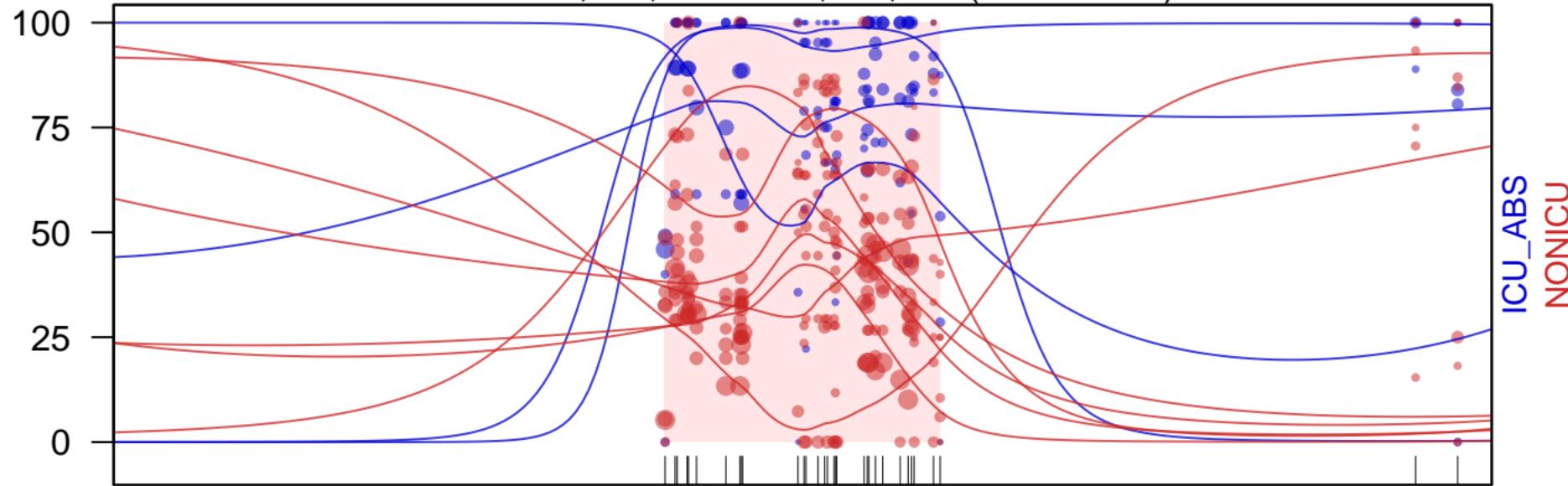
CpGs

Island Shore Shelf Open Sea

Exons

chr8: 143,185,935 – 143,186,347 (width = 413)

Methylation



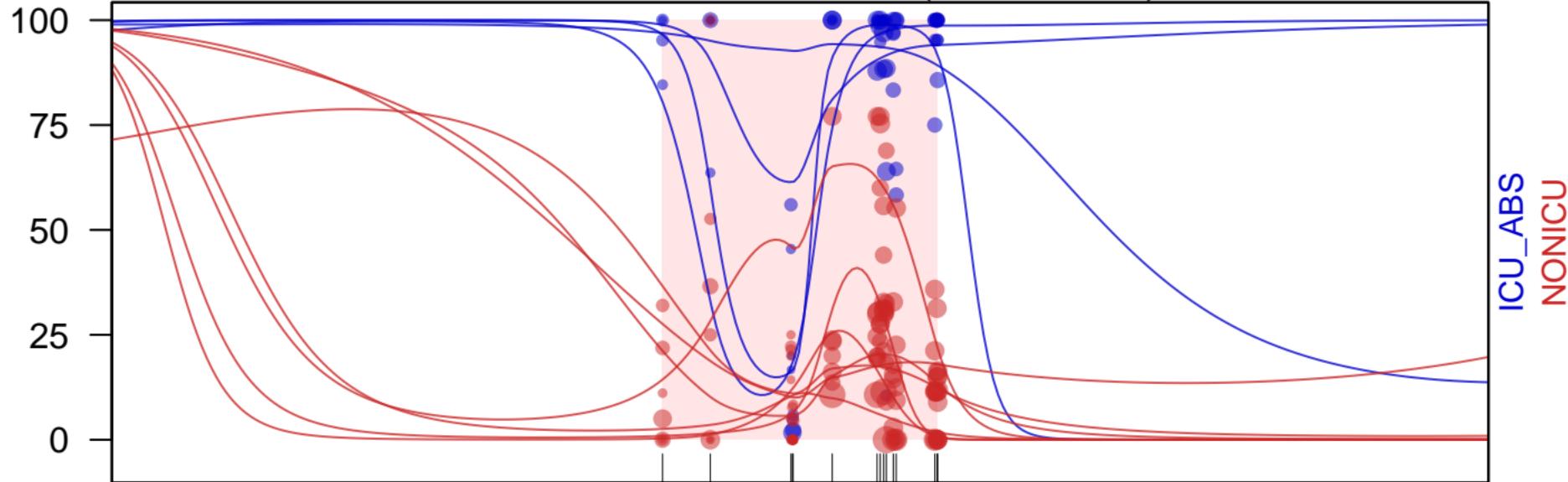
CpGs



Exons

chr19: 5,250,406 – 5,251,546 (width = 1,141)

Methylation



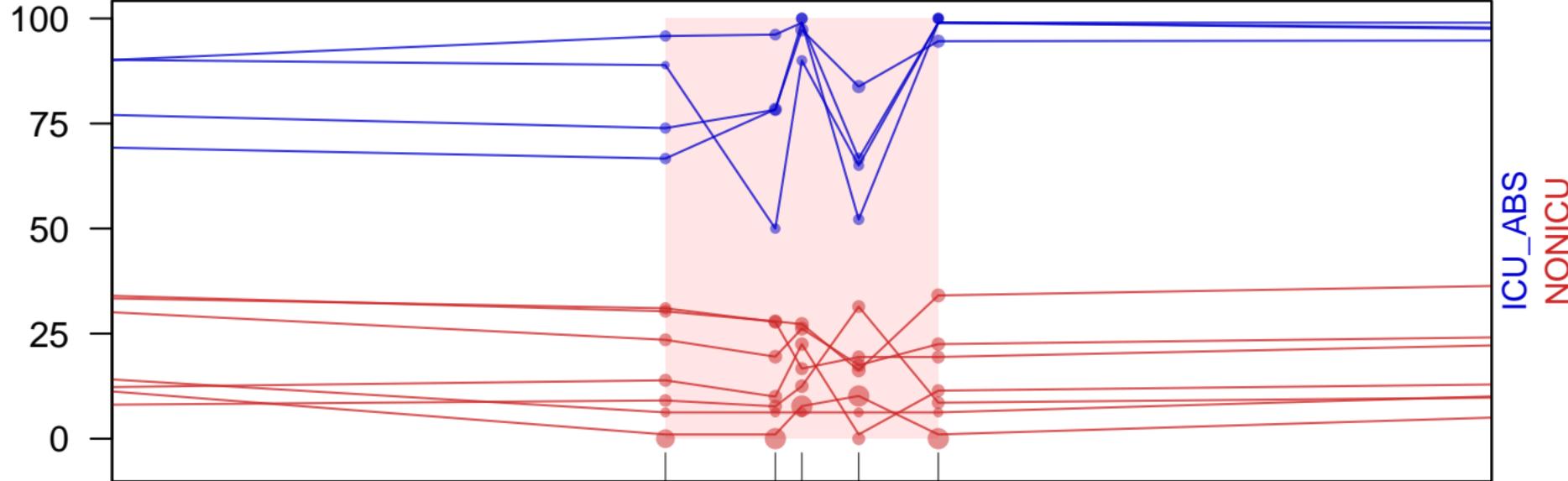
CpGs

Island Shore Shelf Open Sea

Exons

chr16: 89,345,264 – 89,345,336 (width = 73)

Methylation



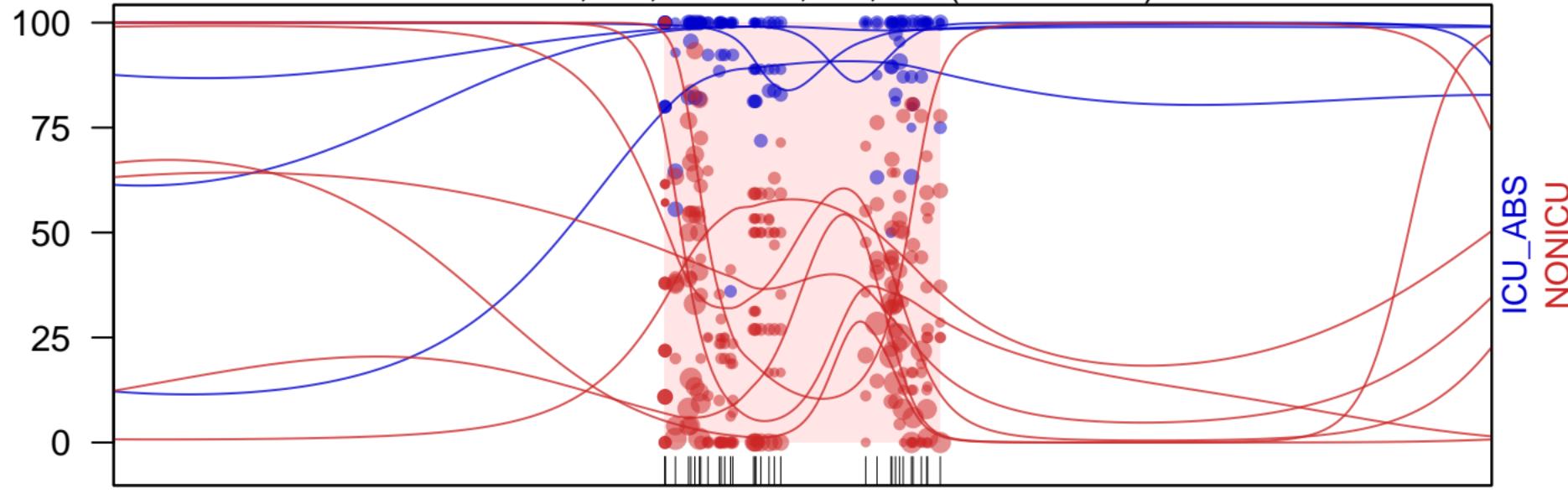
CpGs

Island Shore Shelf Open Sea

Exons

chr7: 27,113,517 – 27,114,126 (width = 610)

Methylation



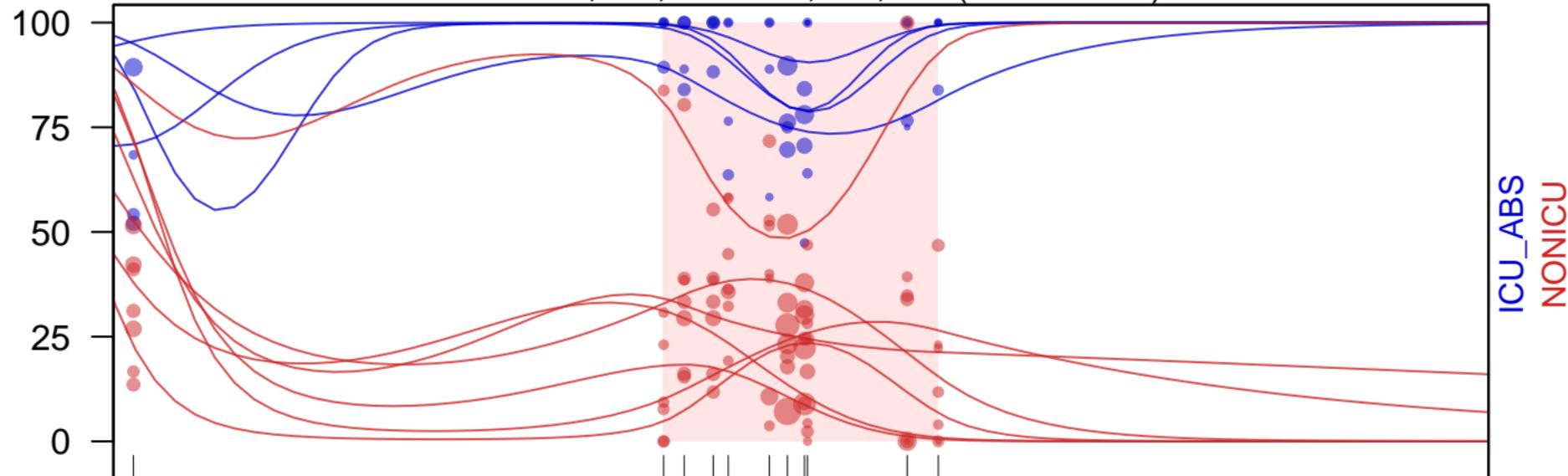
CpGs



Exons

chr19: 16,088,450 – 16,088,998 (width = 549)

Methylation



CpGs

Island Shore Shelf Open Sea

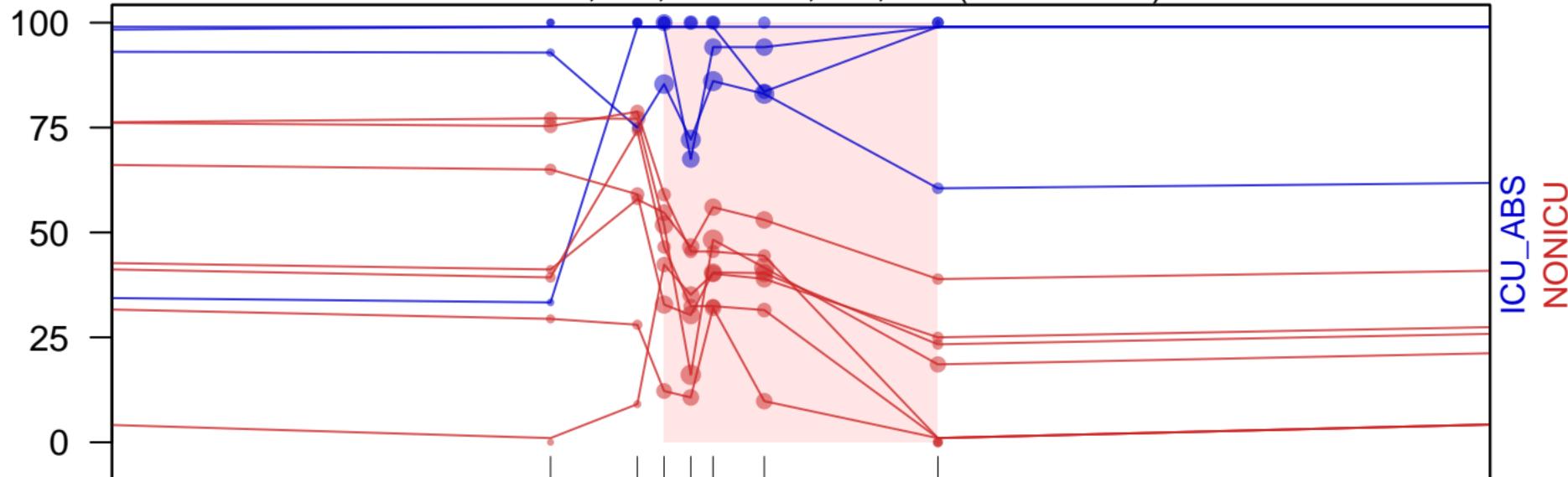
Exons



TPM4

chr22: 17,858,139 – 17,858,262 (width = 124)

Methylation



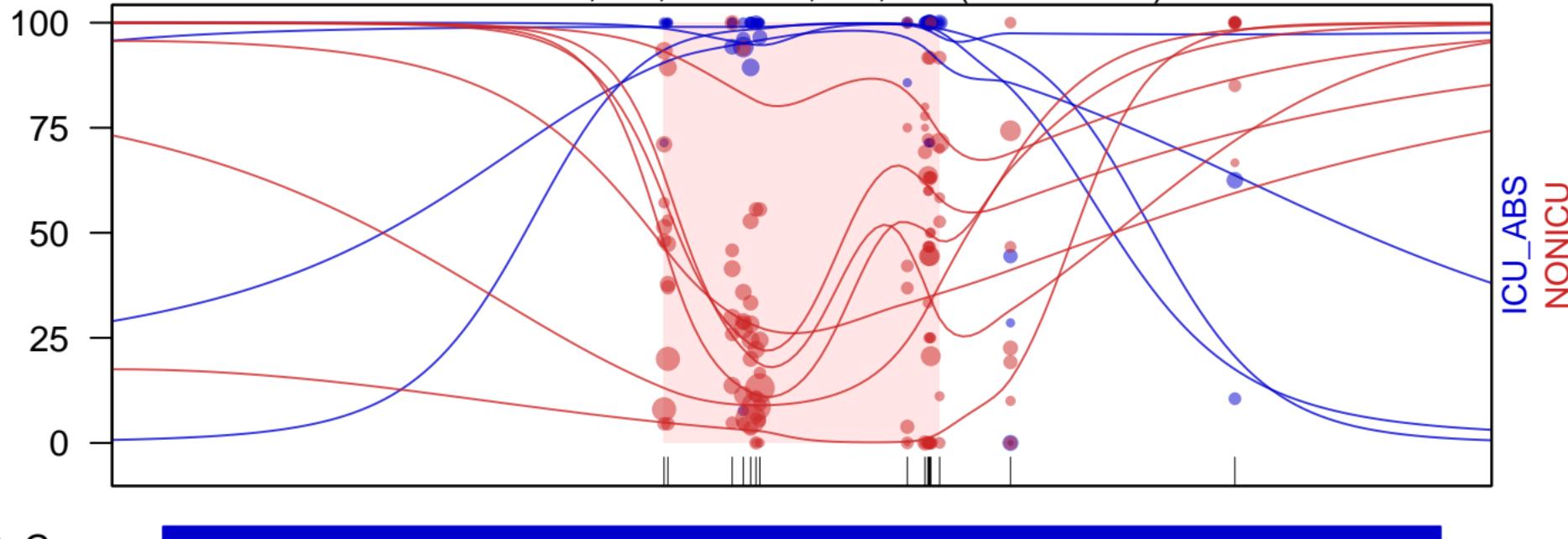
CpGs

Island Shore Shelf Open Sea

Exons

chr17: 77,409,092 – 77,409,808 (width = 717)

Methylation



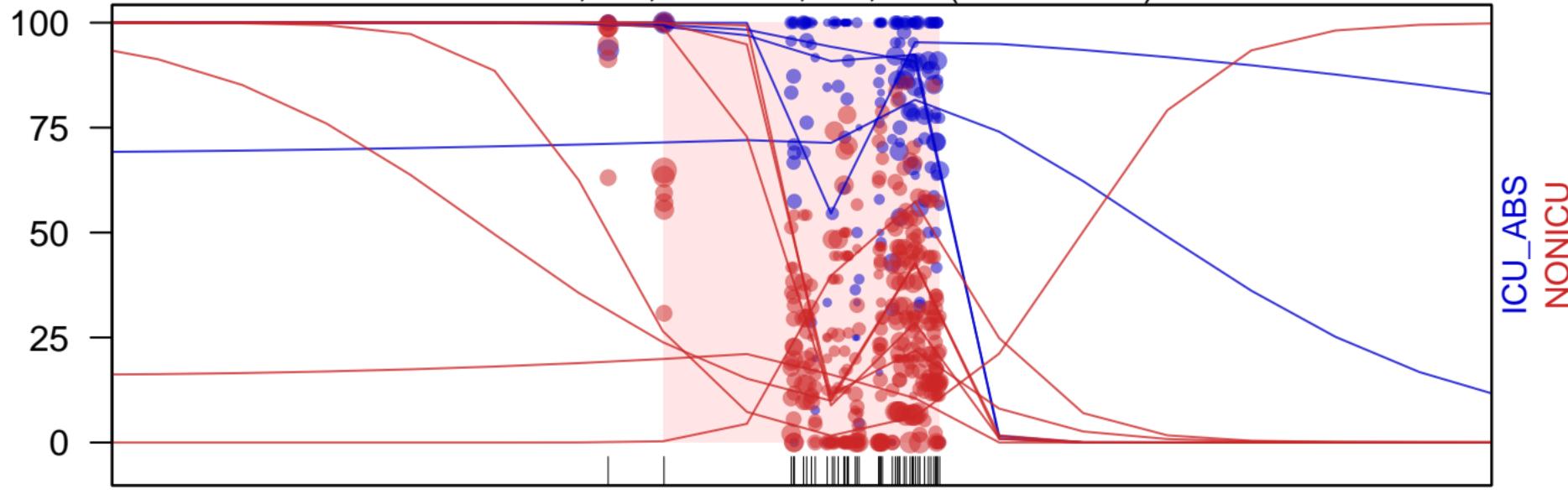
CpGs

Island Shore Shelf Open Sea

Exons

chr5: 79,689,231 – 79,690,035 (width = 805)

Methylation



CpGs

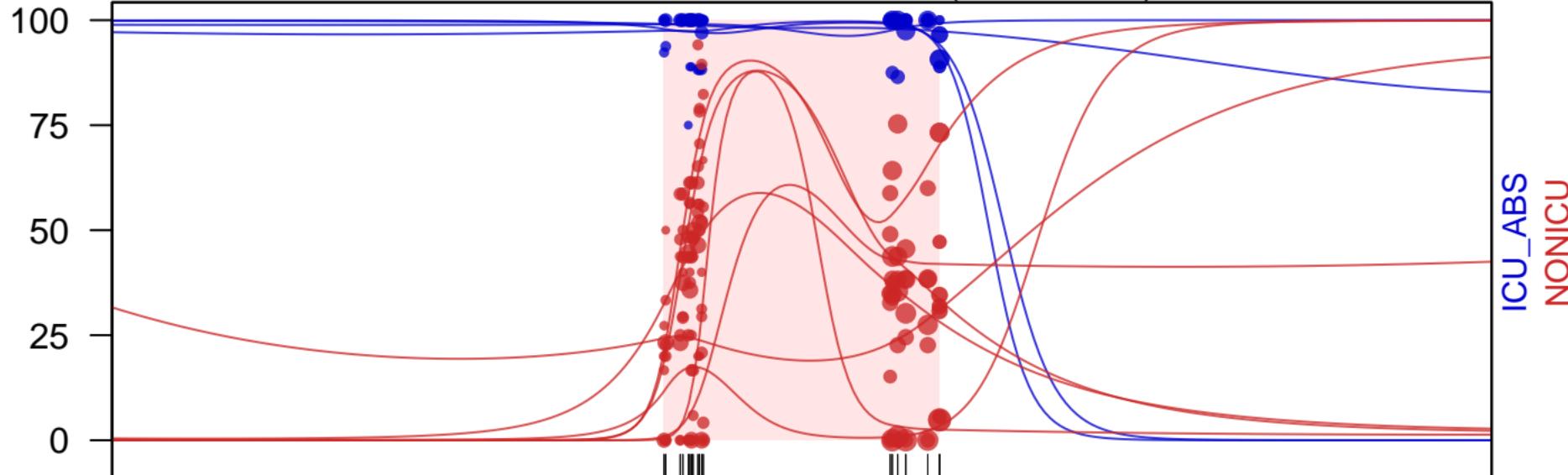


Exons



chr7: 27,110,466 – 27,110,979 (width = 514)

Methylation



CpGs

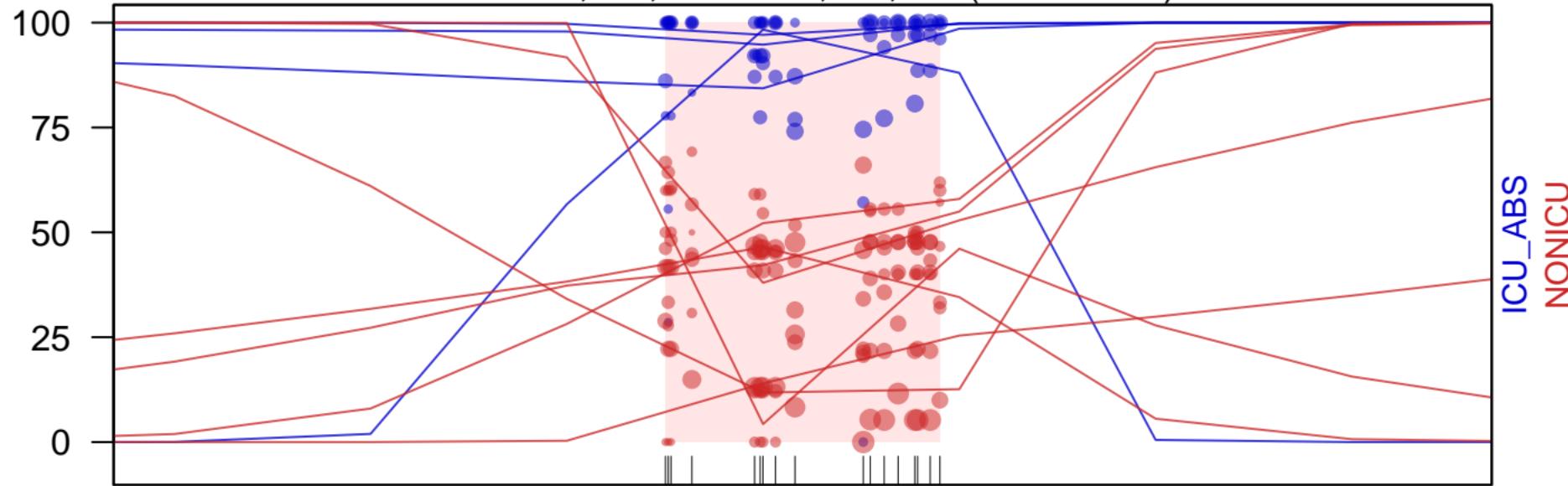


Exons



chr9: 113,463,642 – 113,463,839 (width = 198)

Methylation



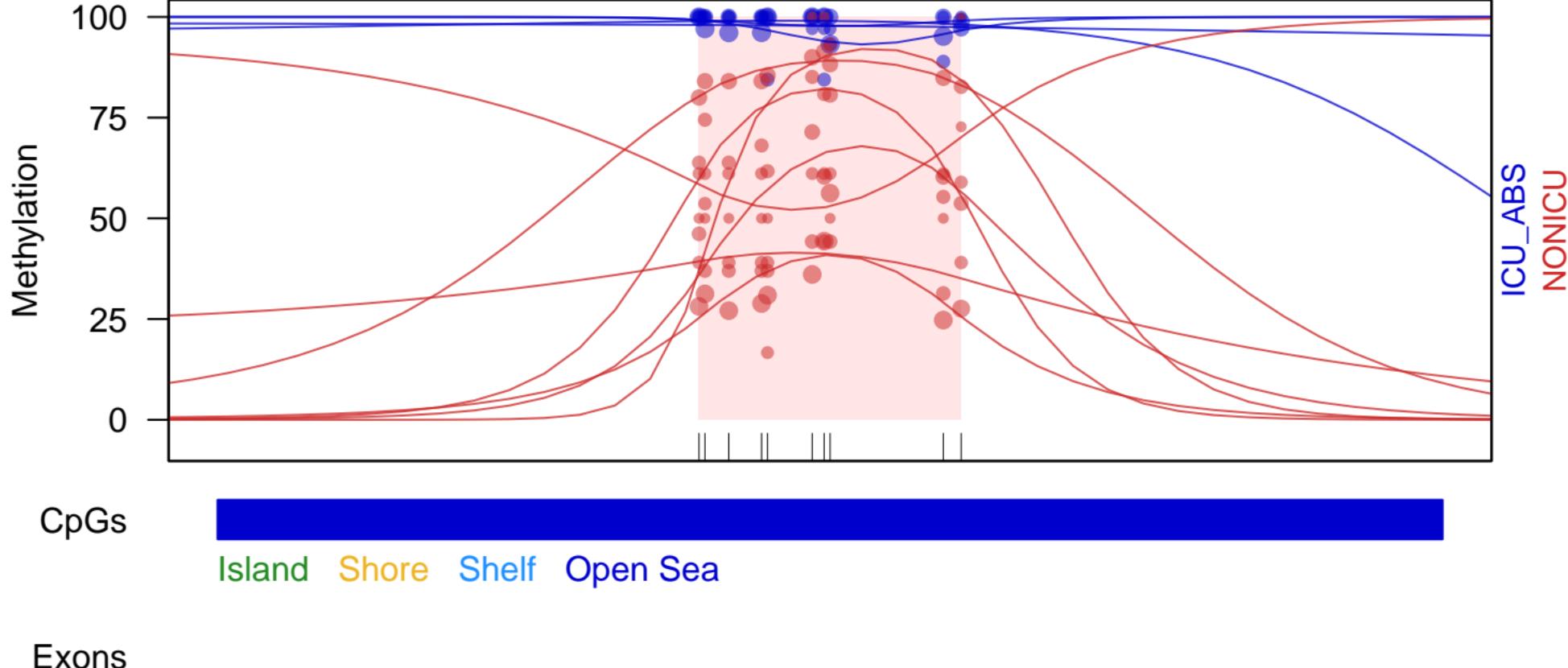
CpGs



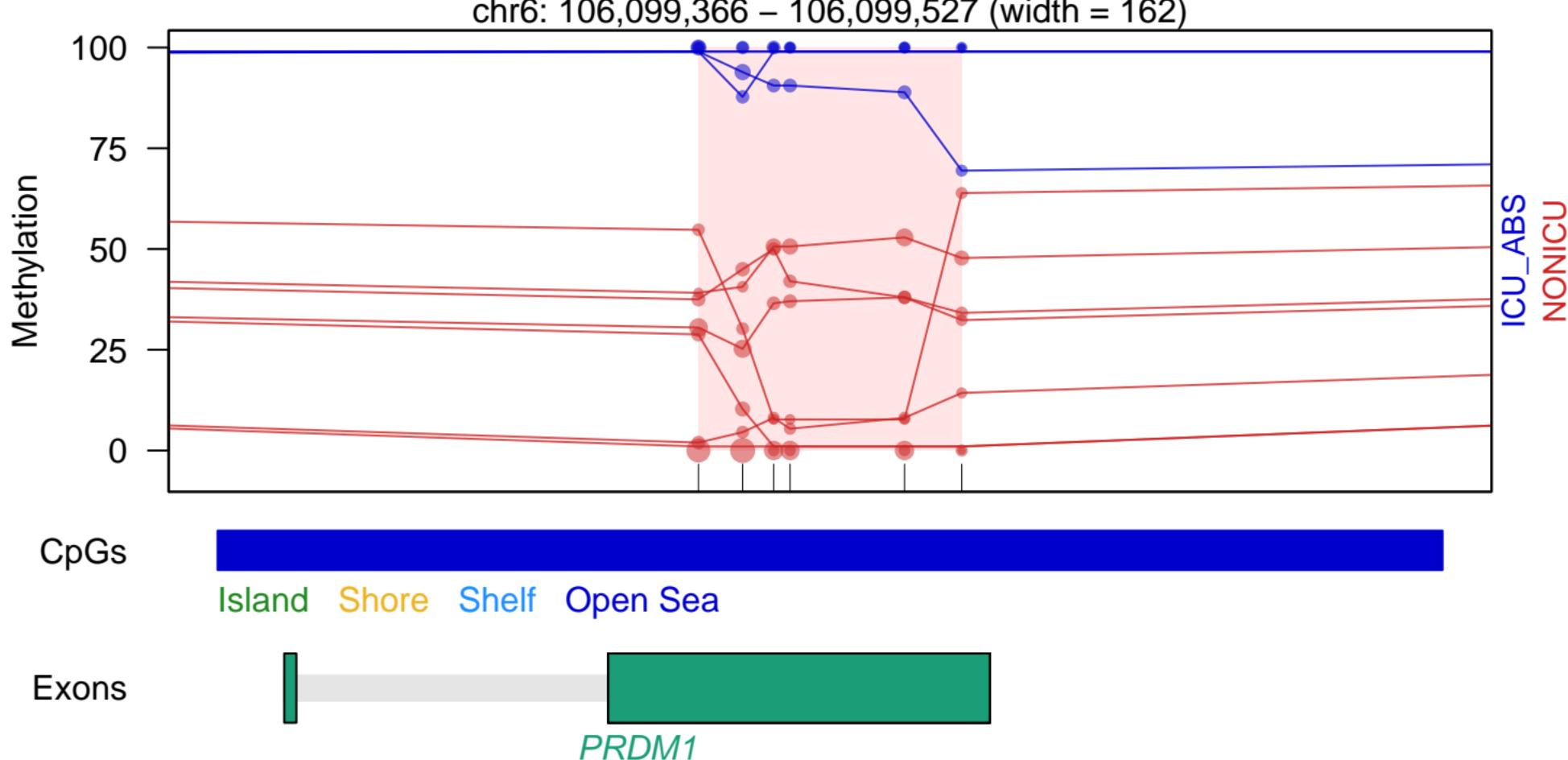
Exons



chr7: 76,309,766 – 76,309,854 (width = 89)

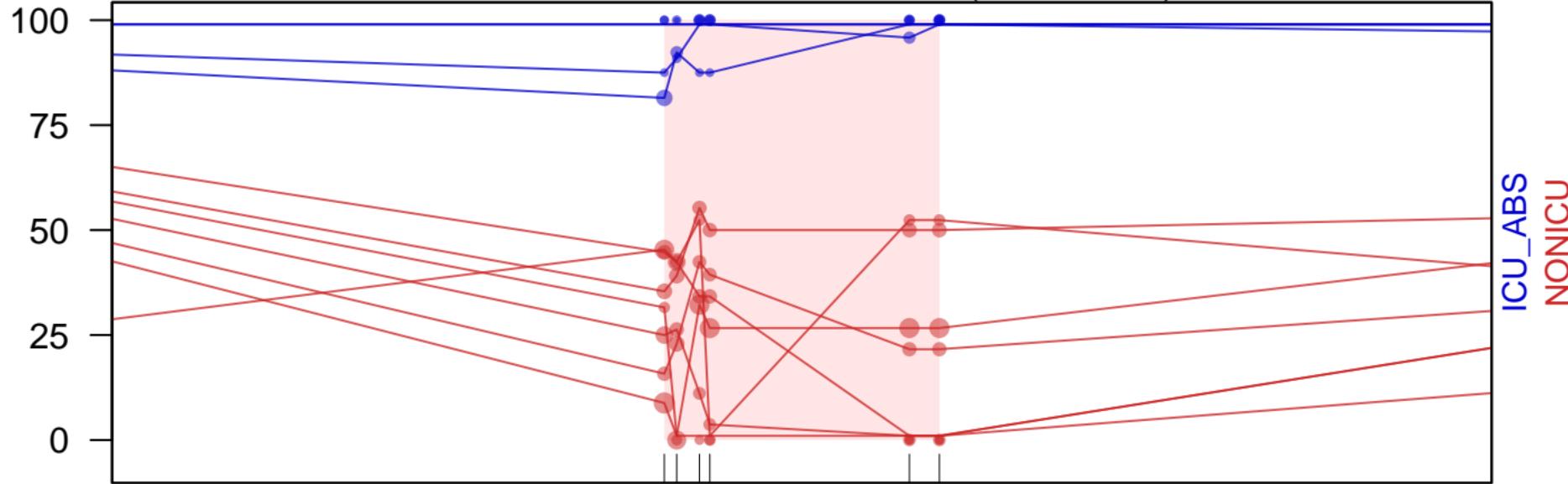


chr6: 106,099,366 – 106,099,527 (width = 162)



chr1: 226,132,886 – 226,133,152 (width = 267)

Methylation

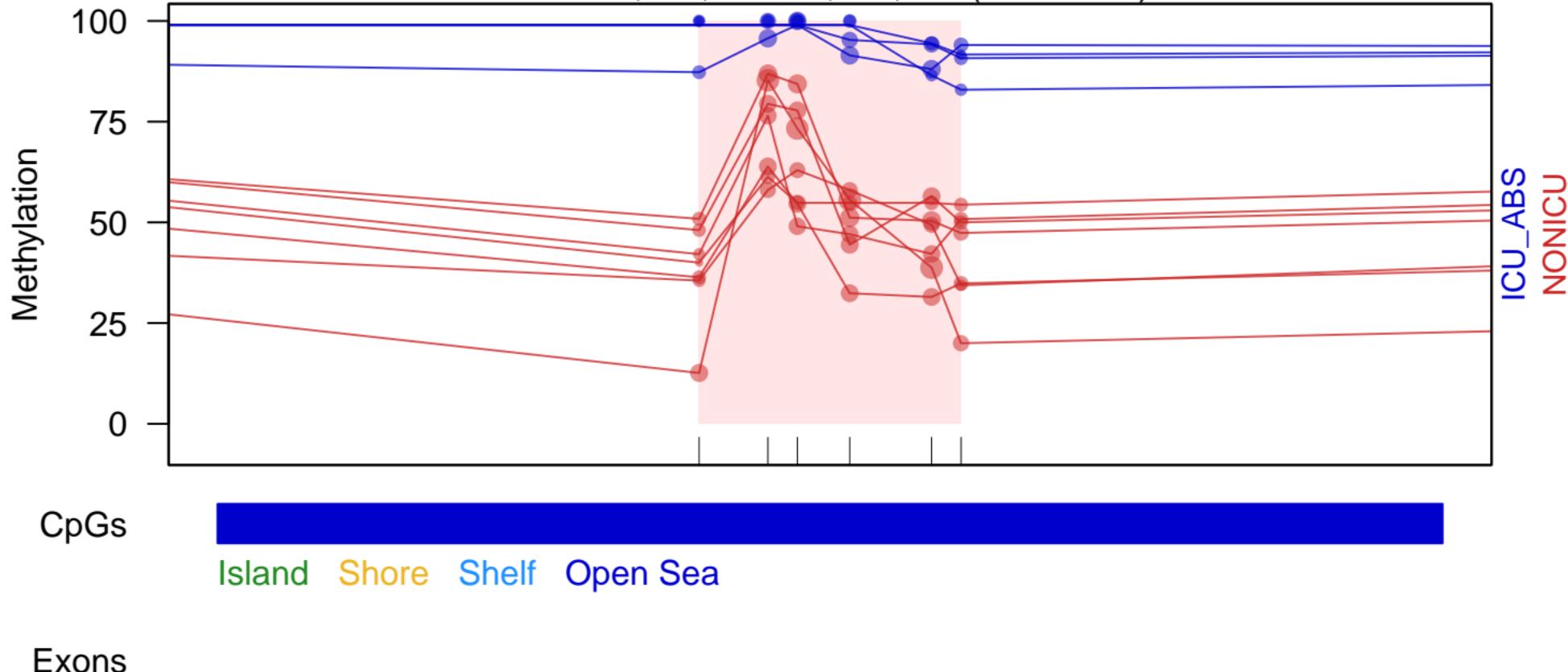


CpGs

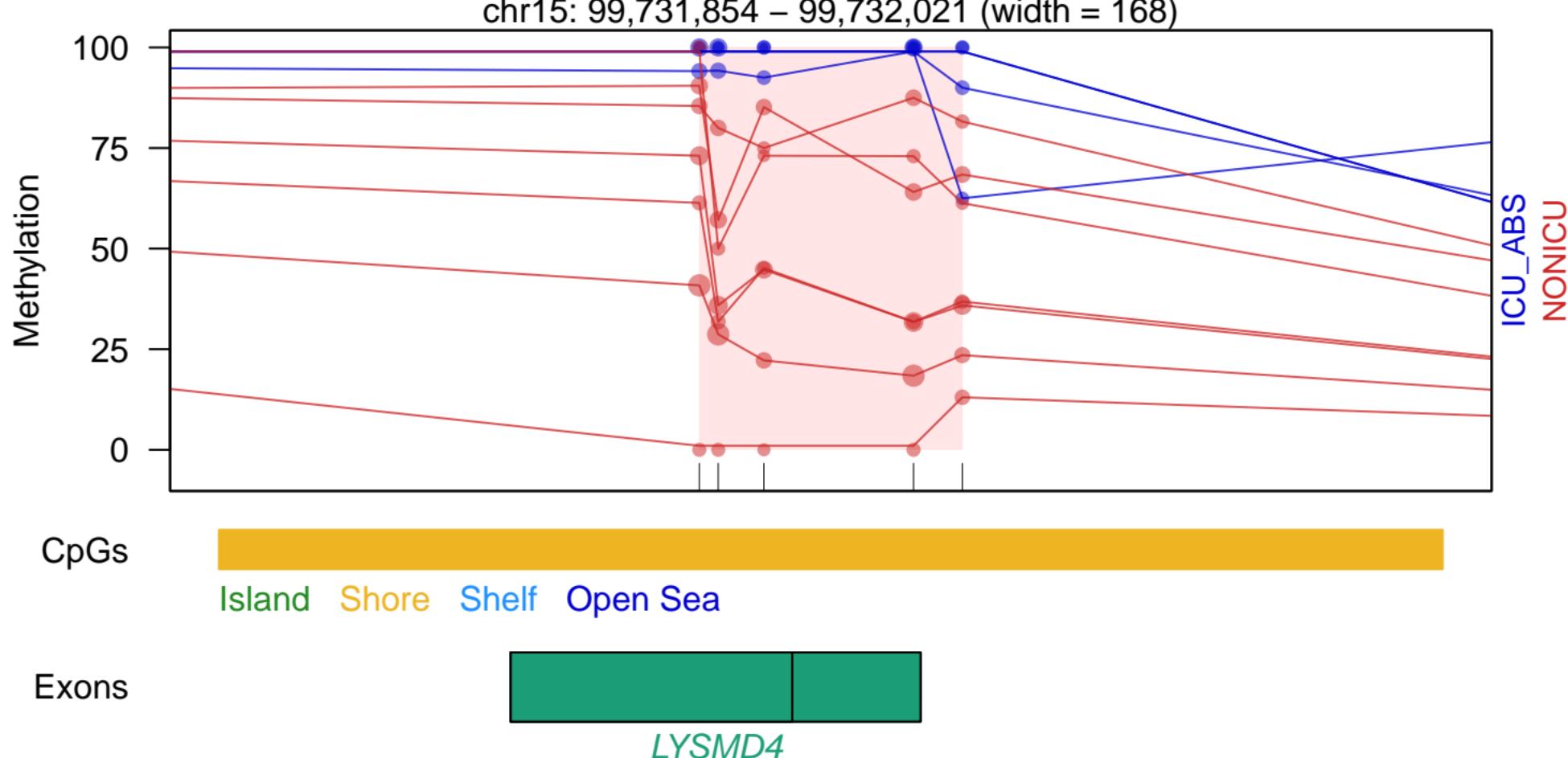
Island Shore Shelf Open Sea

Exons

chr19: 6,223,320 – 6,223,400 (width = 81)

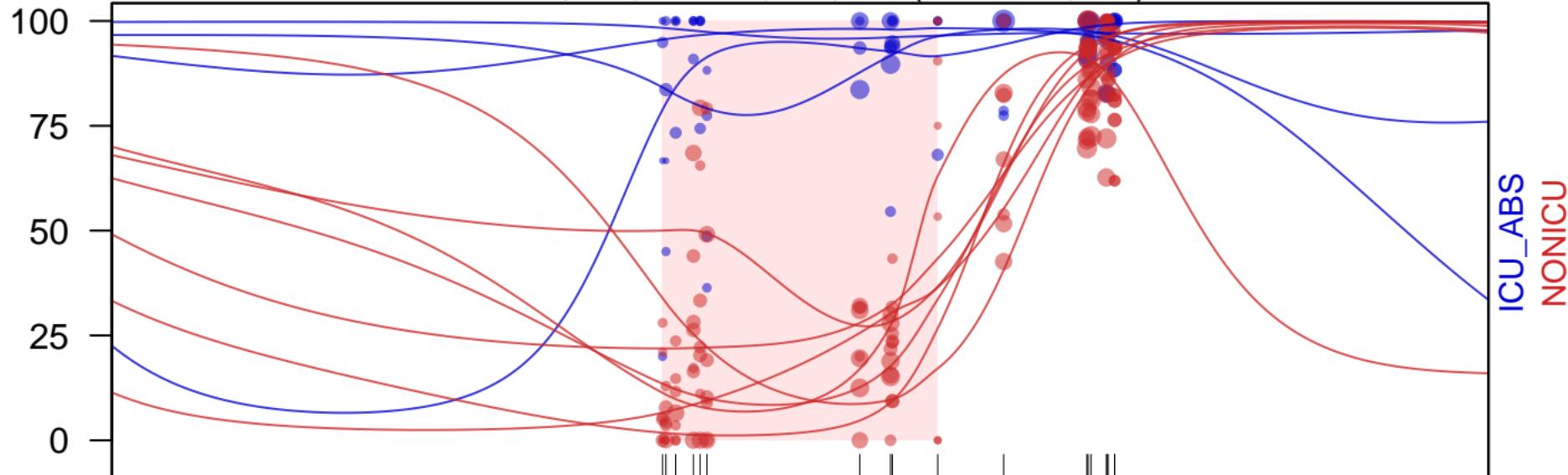


chr15: 99,731,854 – 99,732,021 (width = 168)



chr1: 9,835,741 – 9,837,373 (width = 1,633)

Methylation



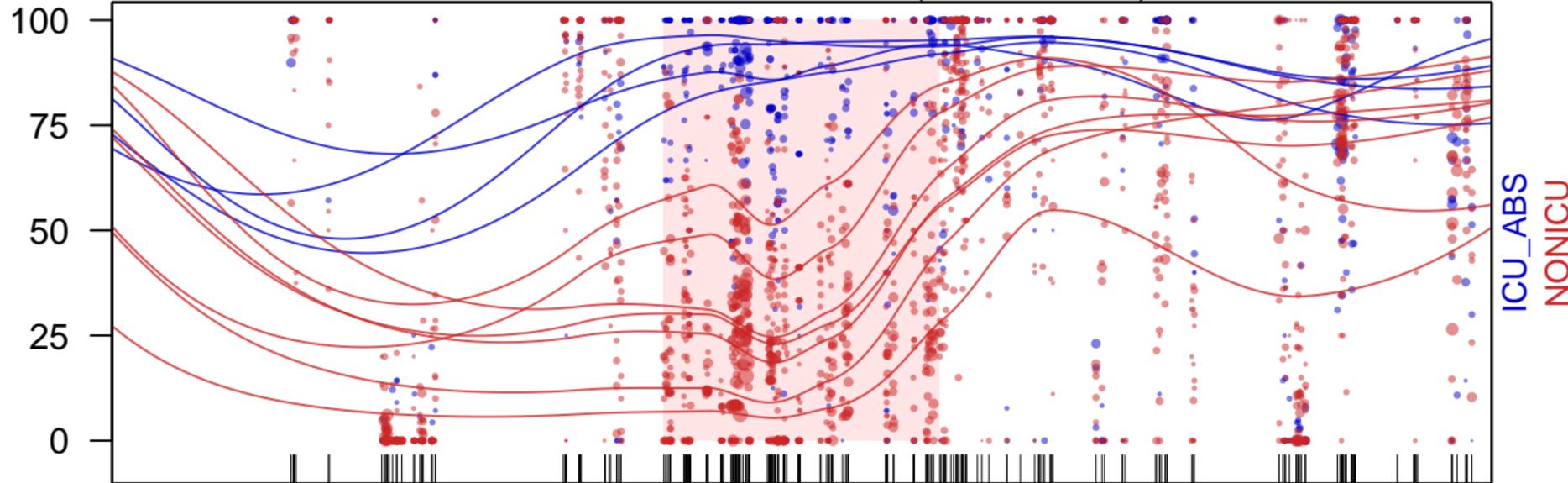
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 1,162,751 – 1,167,561 (width = 4,811)

Methylation



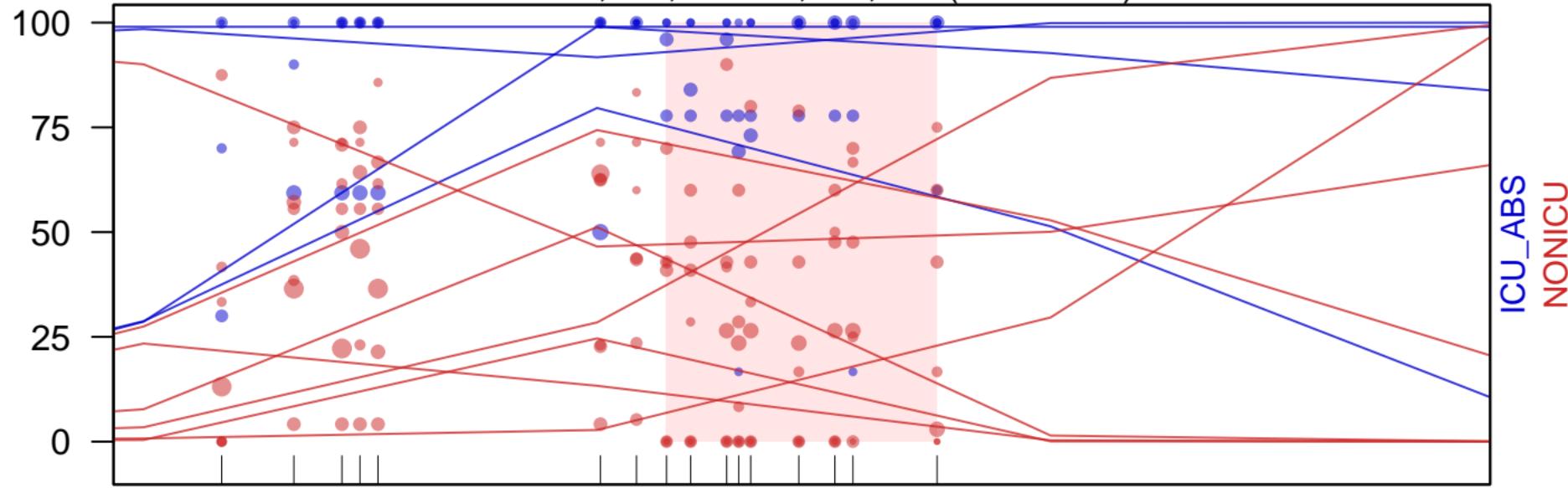
CpGs



Exons

chr18: 5,489,087 – 5,489,132 (width = 46)

Methylation



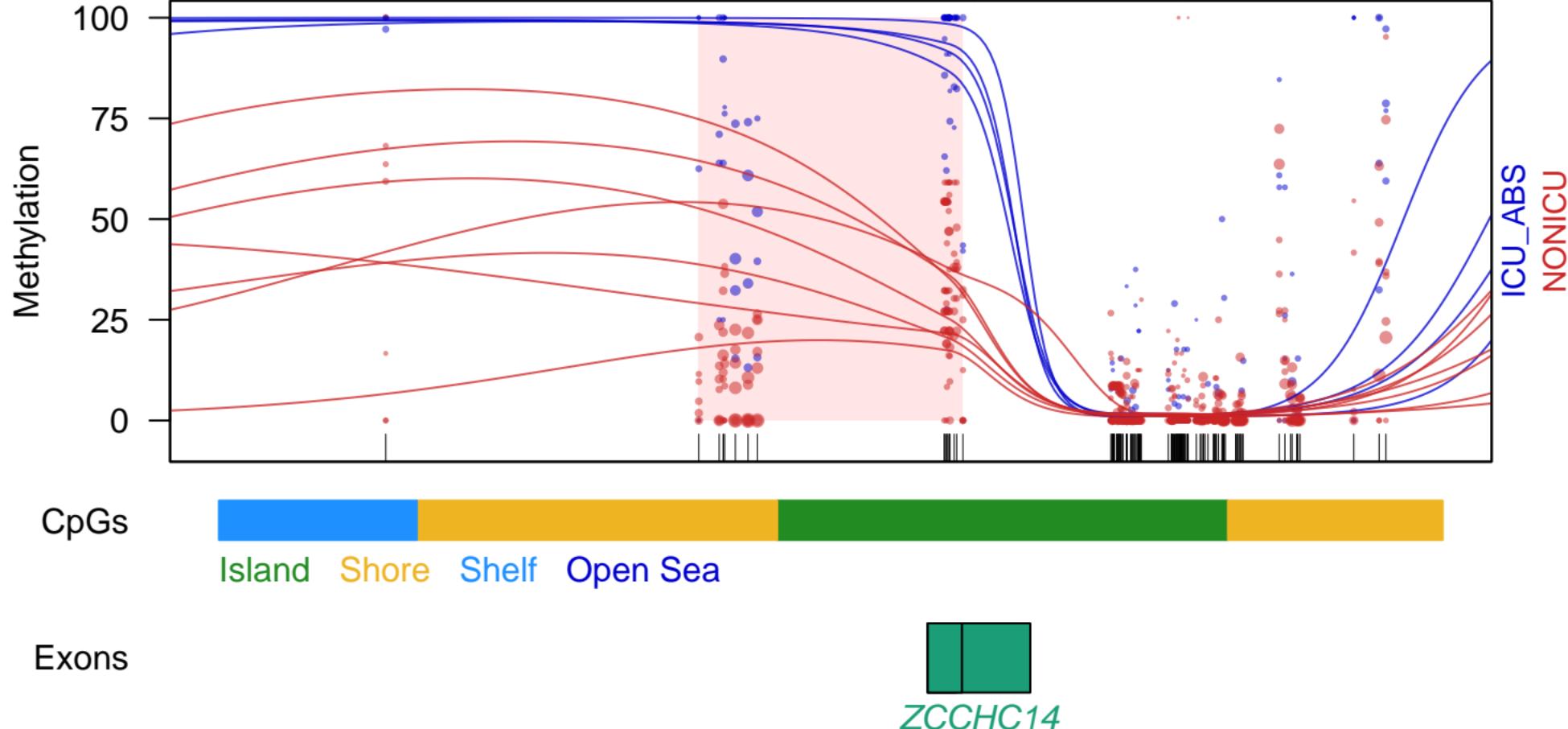
CpGs

Island Shore Shelf Open Sea

Exons

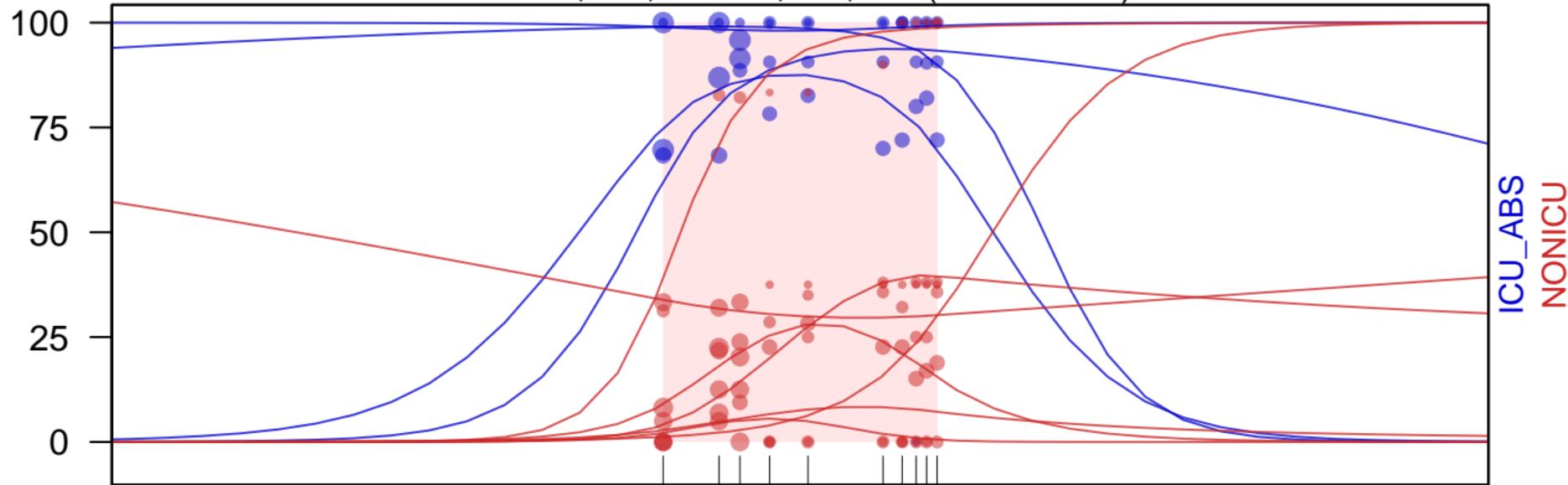
EPB41L3

chr16: 87,490,453 – 87,491,810 (width = 1,358)



chr8: 1,416,883 – 1,417,040 (width = 158)

Methylation



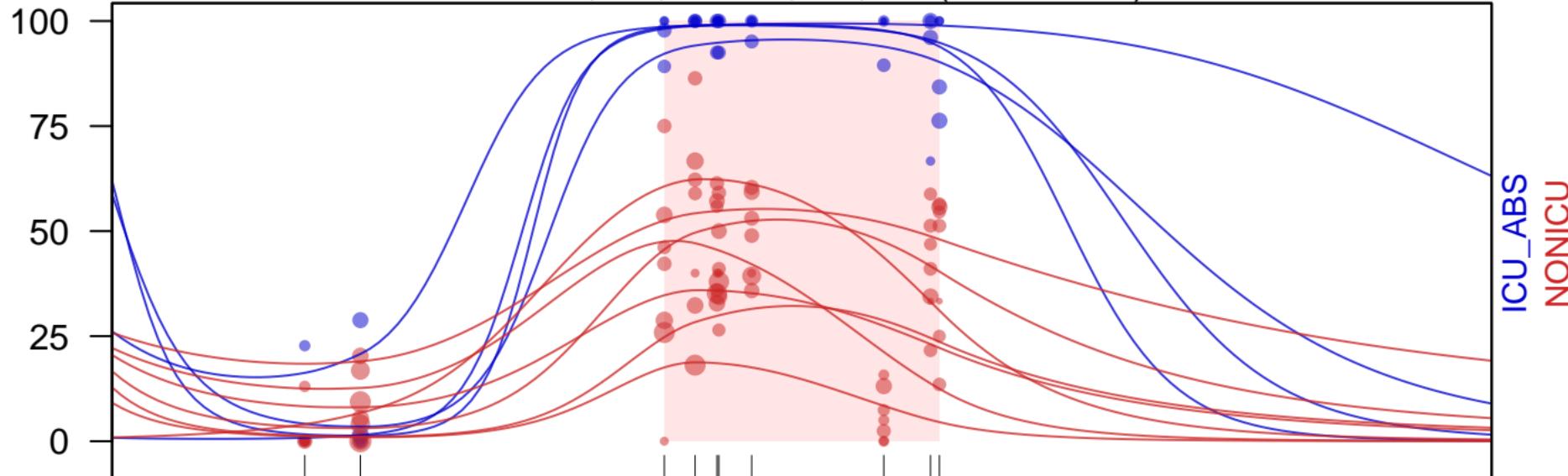
CpGs



Exons

chr19: 3,375,299 – 3,375,576 (width = 278)

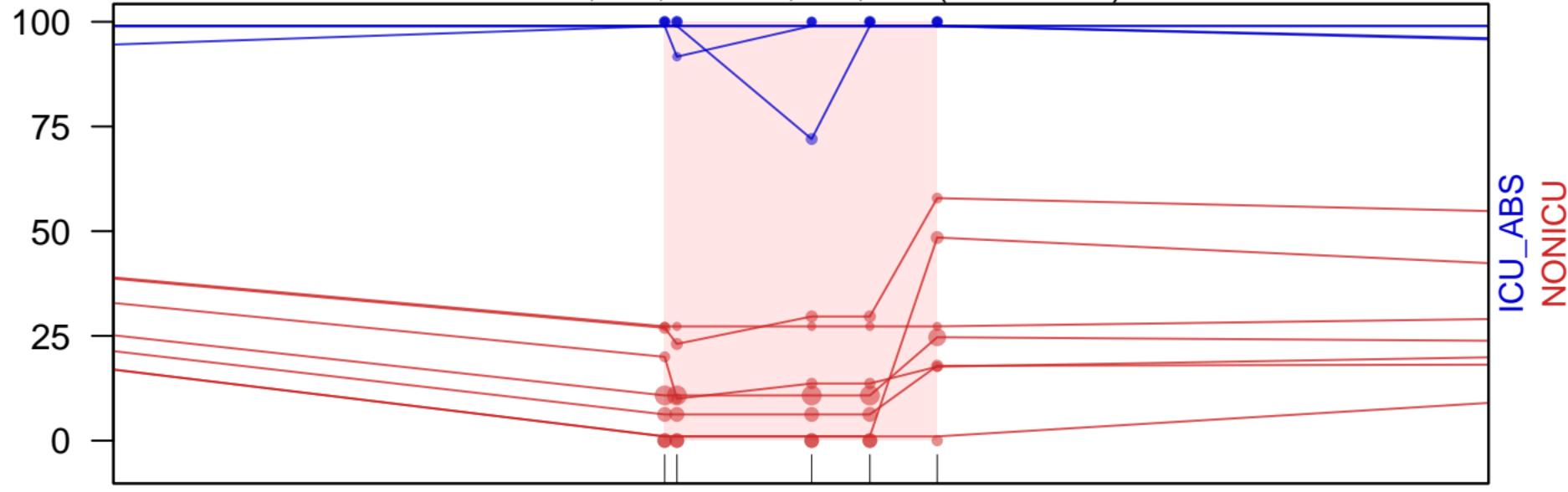
Methylation



Exons

chr4: 1,231,816 – 1,231,905 (width = 90)

Methylation



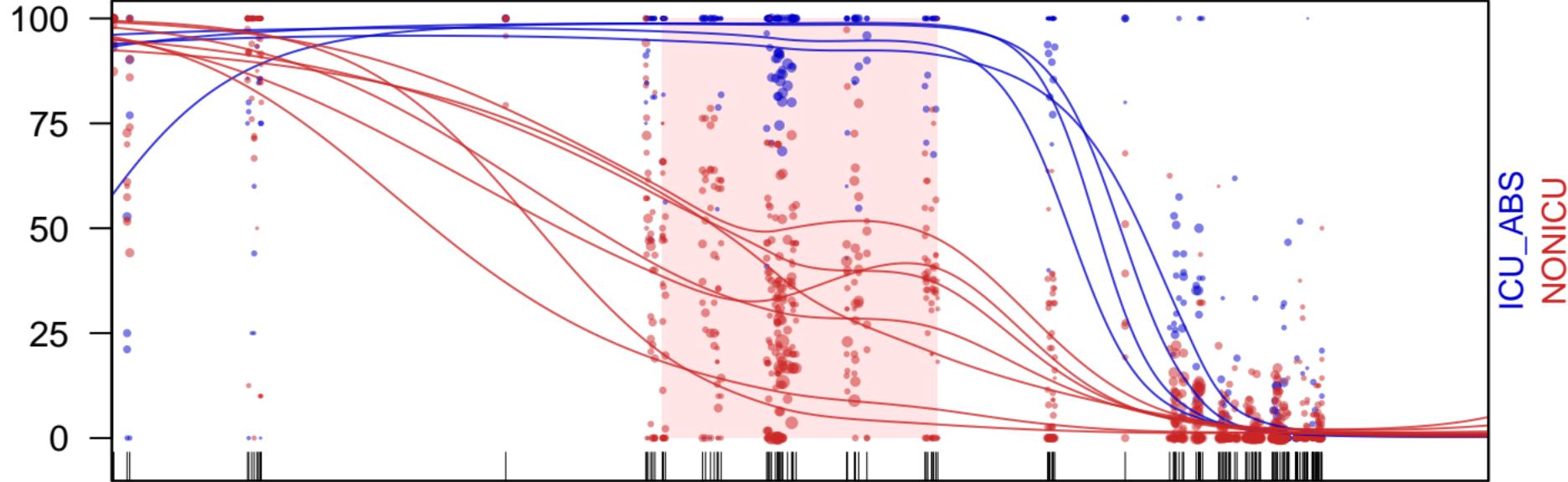
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 1,167,807 – 1,170,512 (width = 2,706)

Methylation



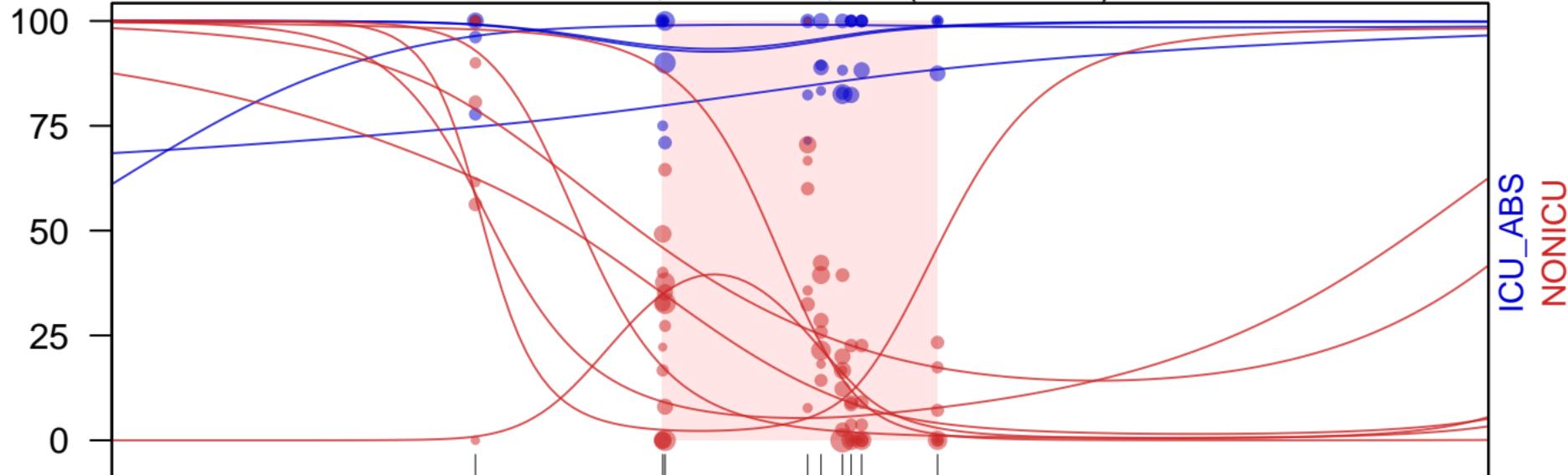
CpGs



Exons

chr17: 850,973 – 851,447 (width = 475)

Methylation



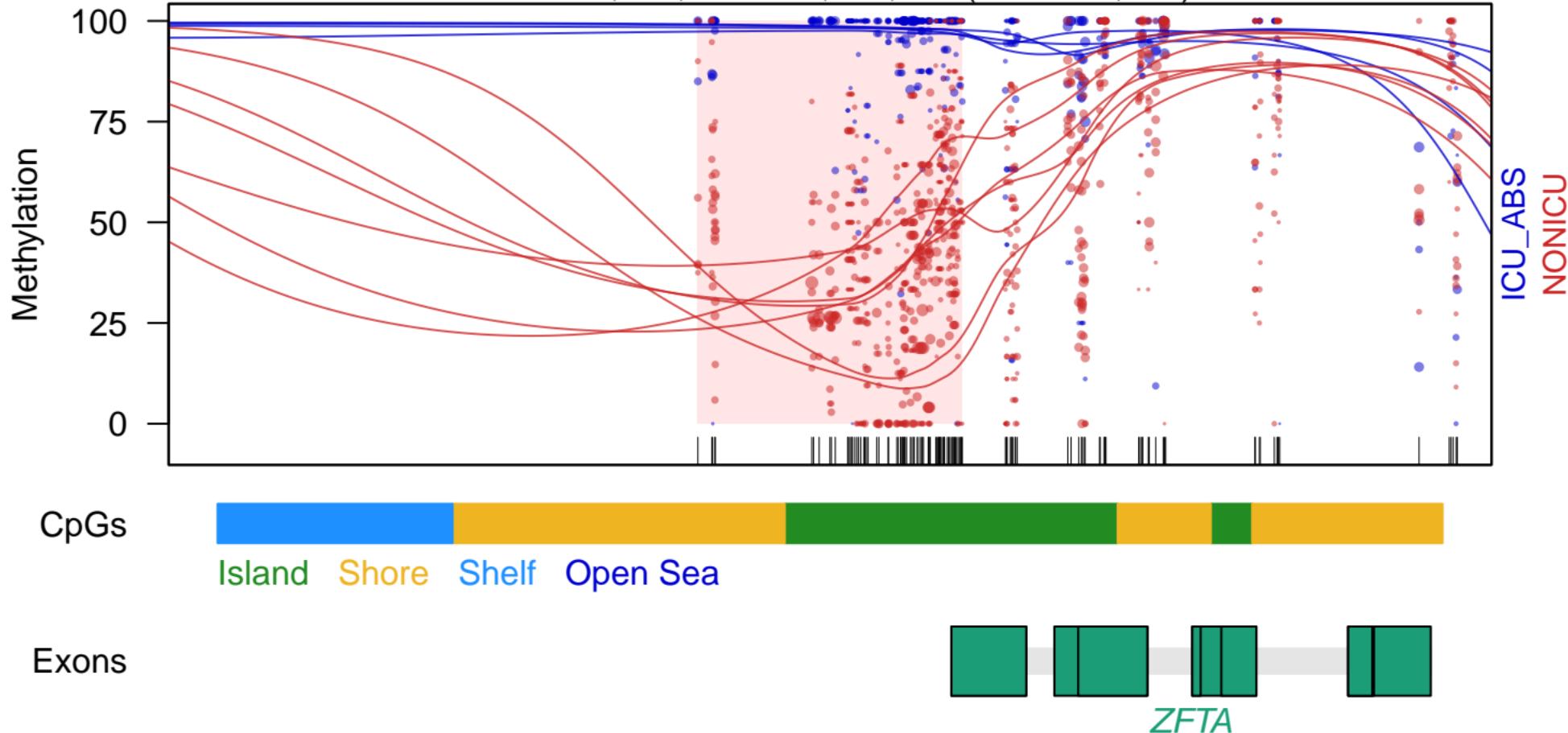
CpGs

Island Shore Shelf Open Sea

Exons

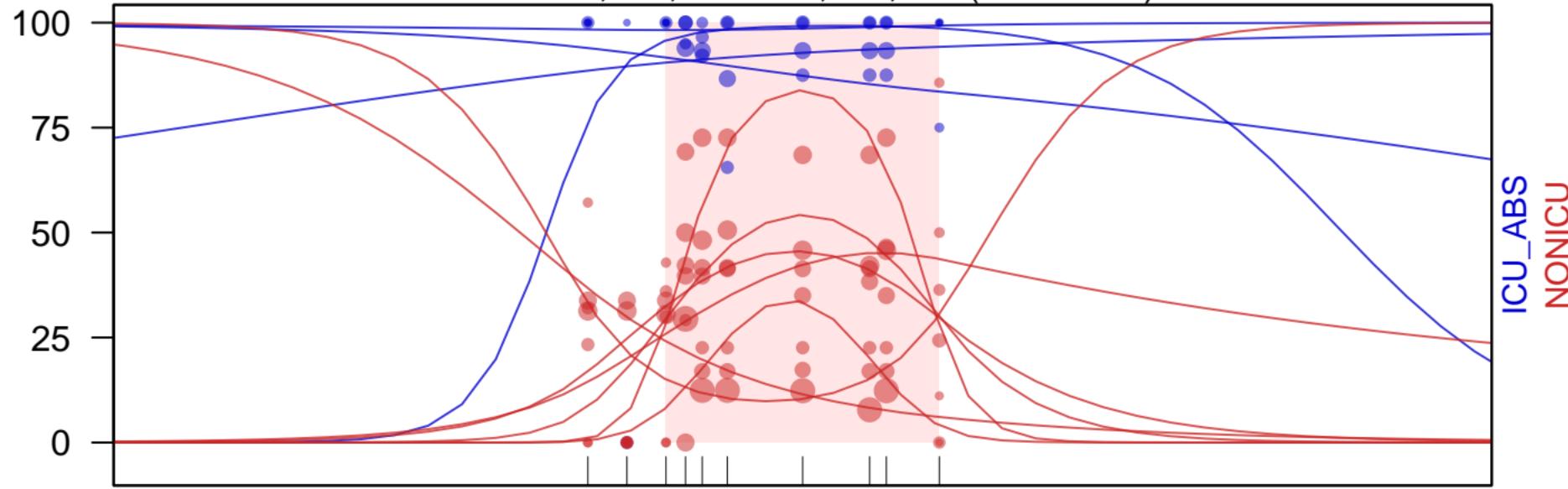
ICU_ABS
NONICU

chr11: 63,761,951 – 63,763,425 (width = 1,475)



chr22: 19,962,726 – 19,962,824 (width = 99)

Methylation



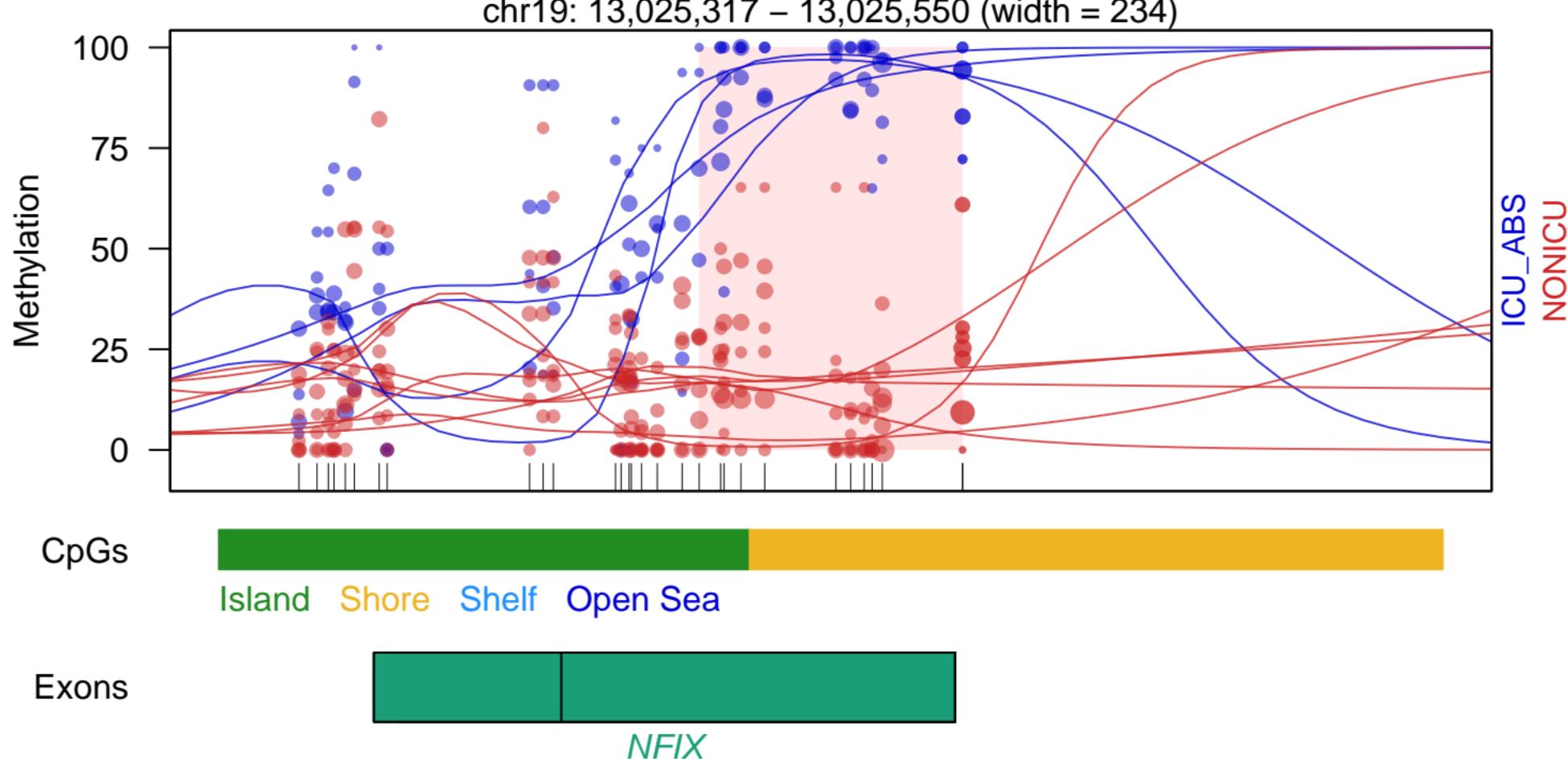
CpGs

Island Shore Shelf Open Sea

Exons

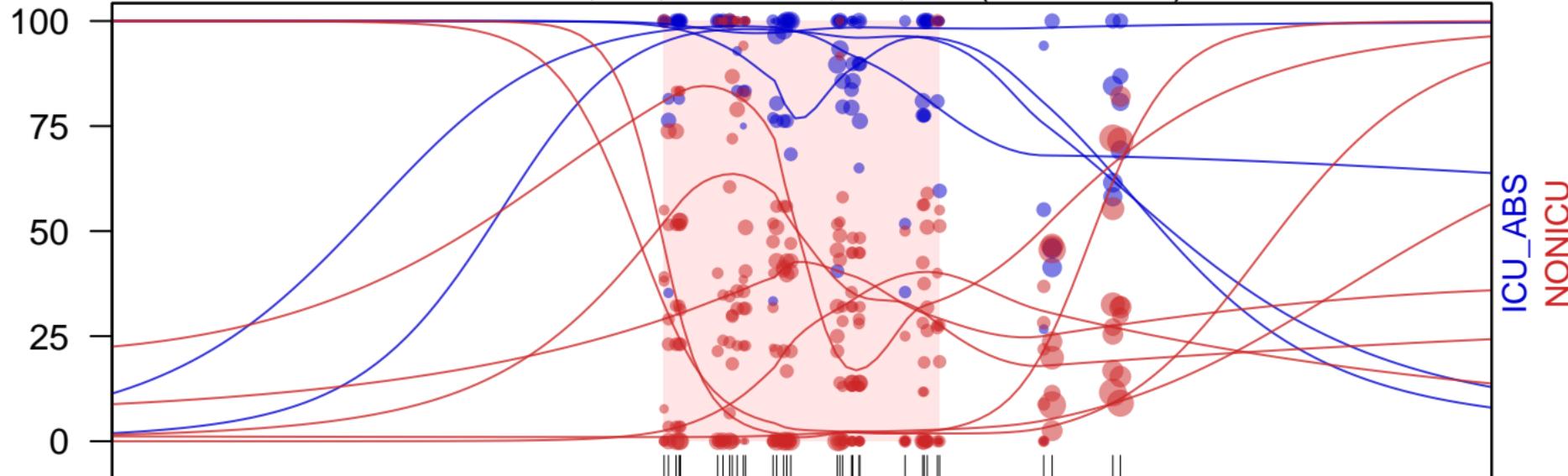
COMT

chr19: 13,025,317 – 13,025,550 (width = 234)



chr11: 120,137,379 – 120,138,001 (width = 623)

Methylation



CpGs



Island Shore Shelf Open Sea

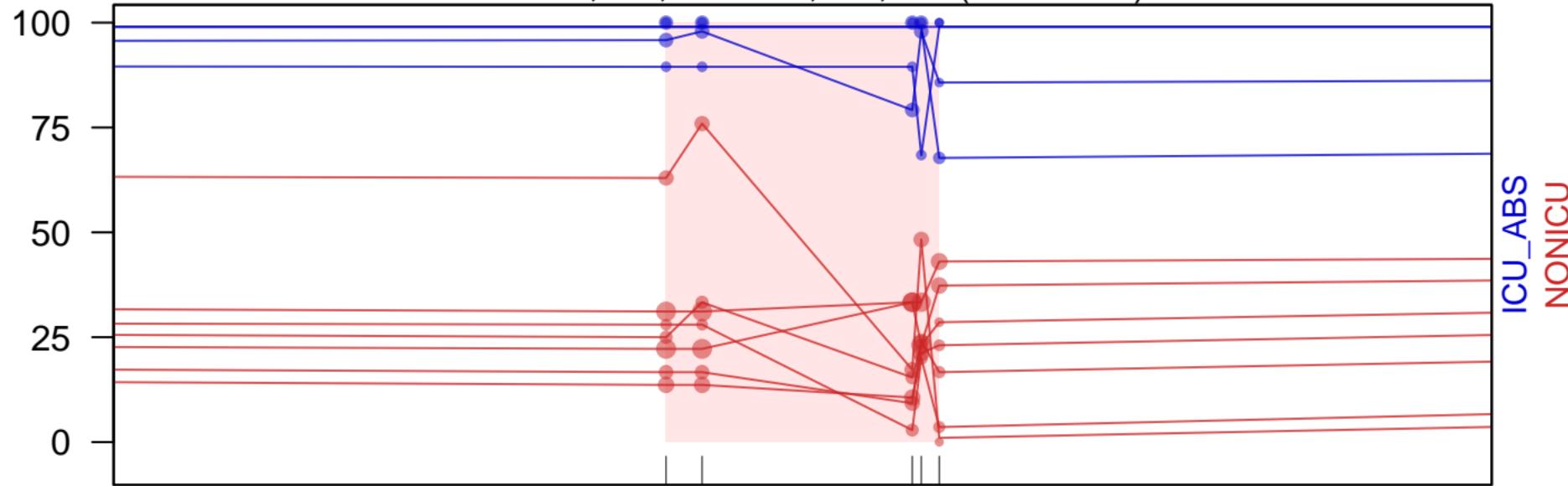
Exons



TRIM29
LOC124902773

chr3: 65,954,401 – 65,954,492 (width = 92)

Methylation



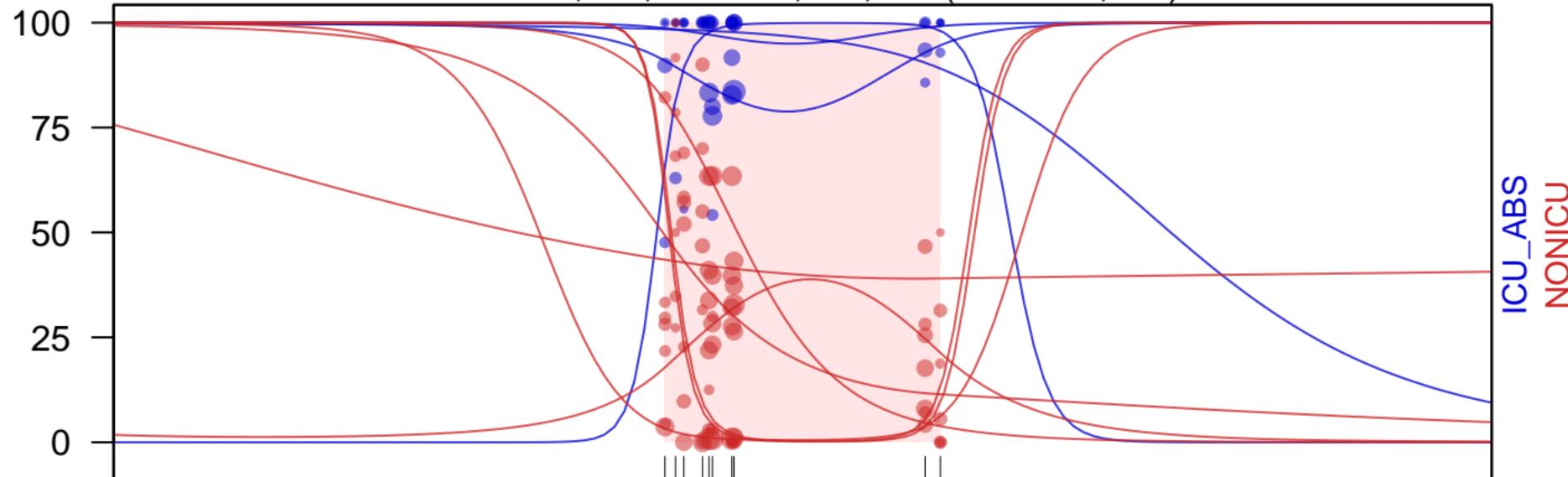
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 31,248,572 – 31,249,797 (width = 1,226)

Methylation



CpGs

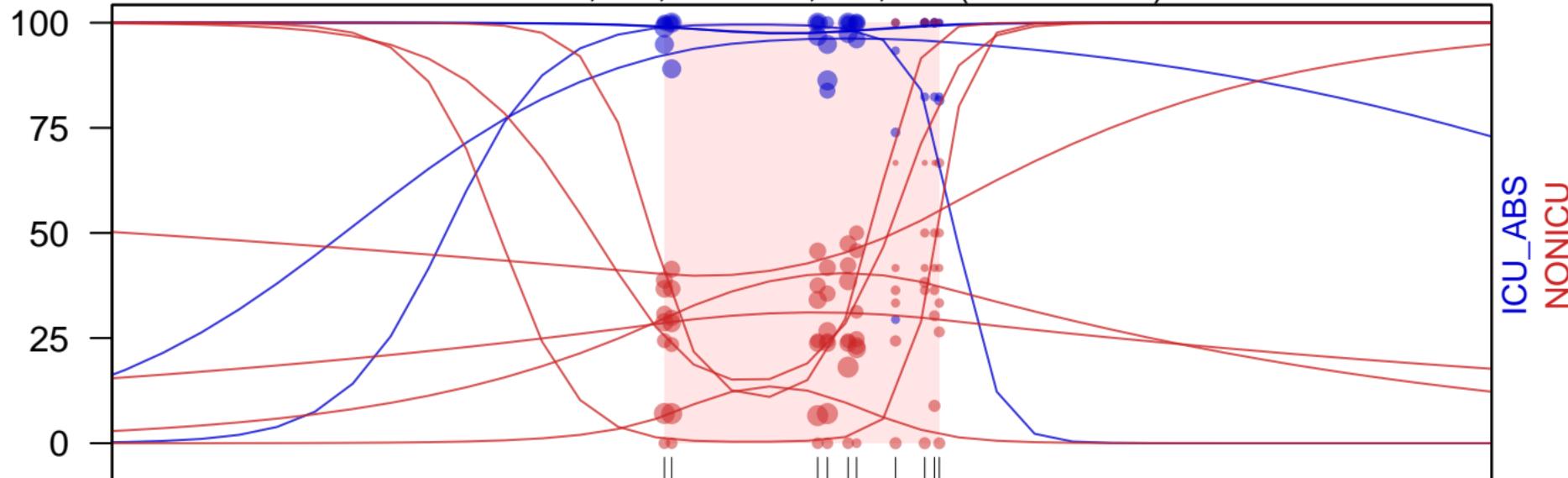
Island Shore Shelf Open Sea

Exons

LIMK2

chr18: 46,326,159 – 46,326,385 (width = 227)

Methylation



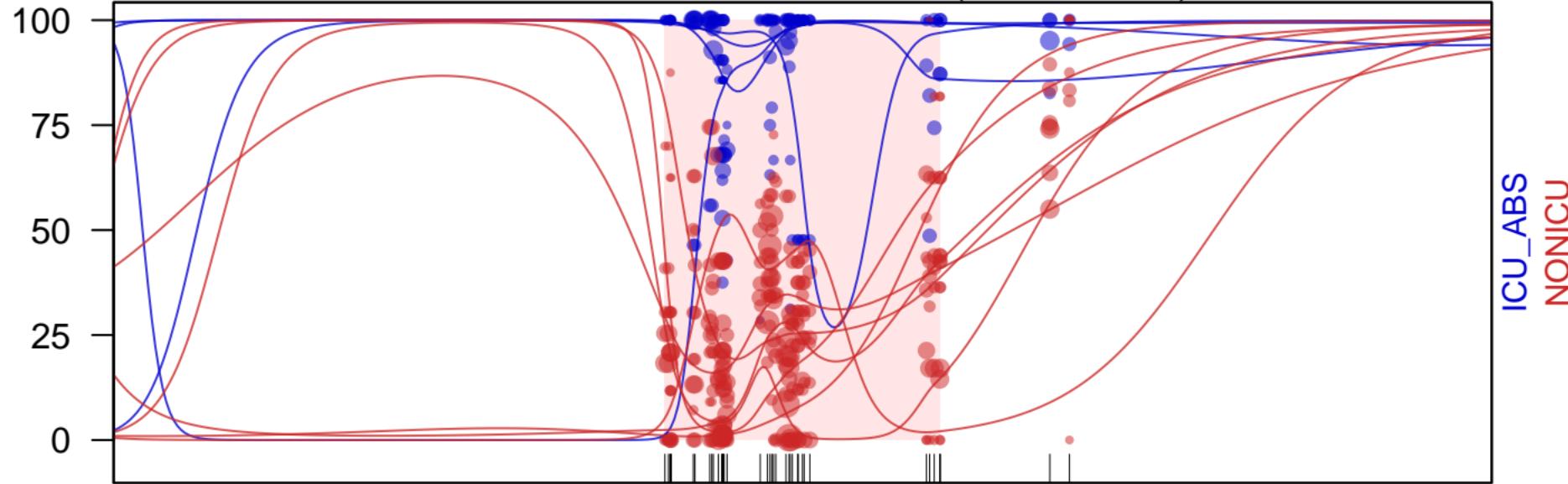
CpGs

Island Shore Shelf Open Sea

Exons

chr9: 127,754,243 – 127,755,547 (width = 1,305)

Methylation



CpGs

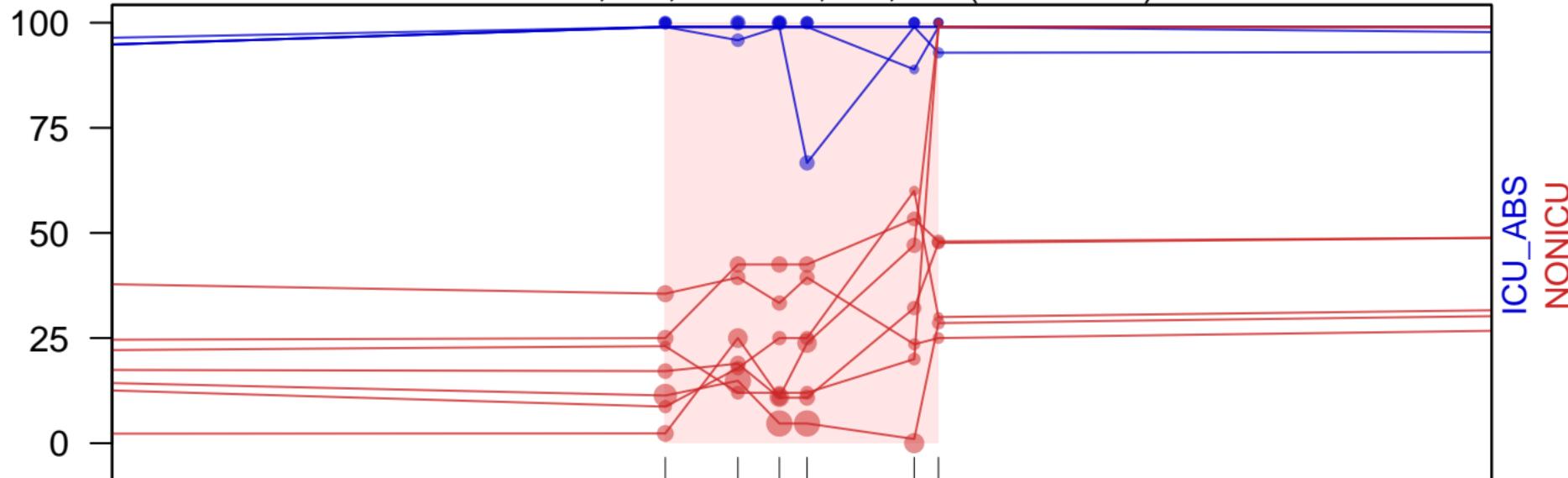


Exons

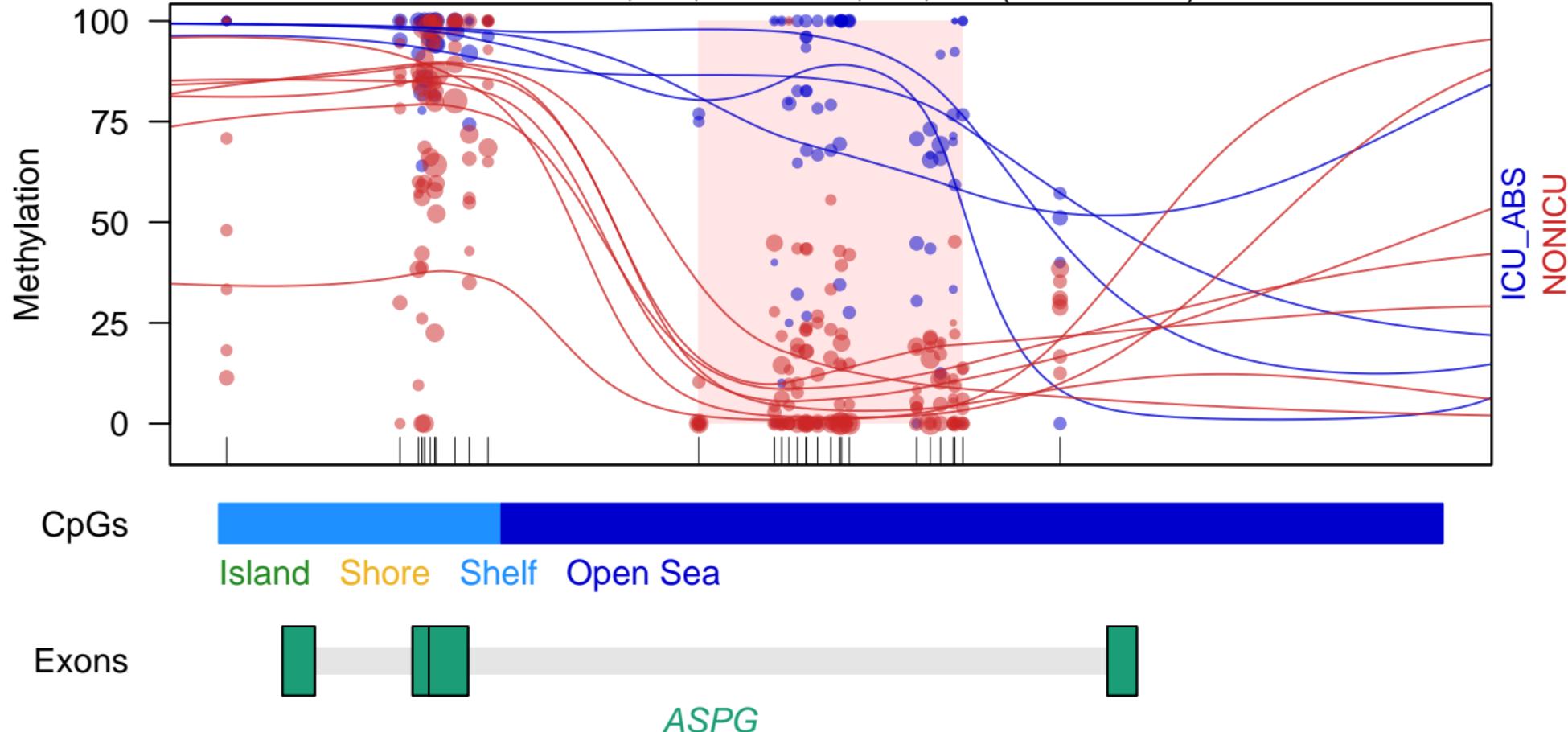


chr20: 20,396,447 – 20,396,526 (width = 80)

Methylation

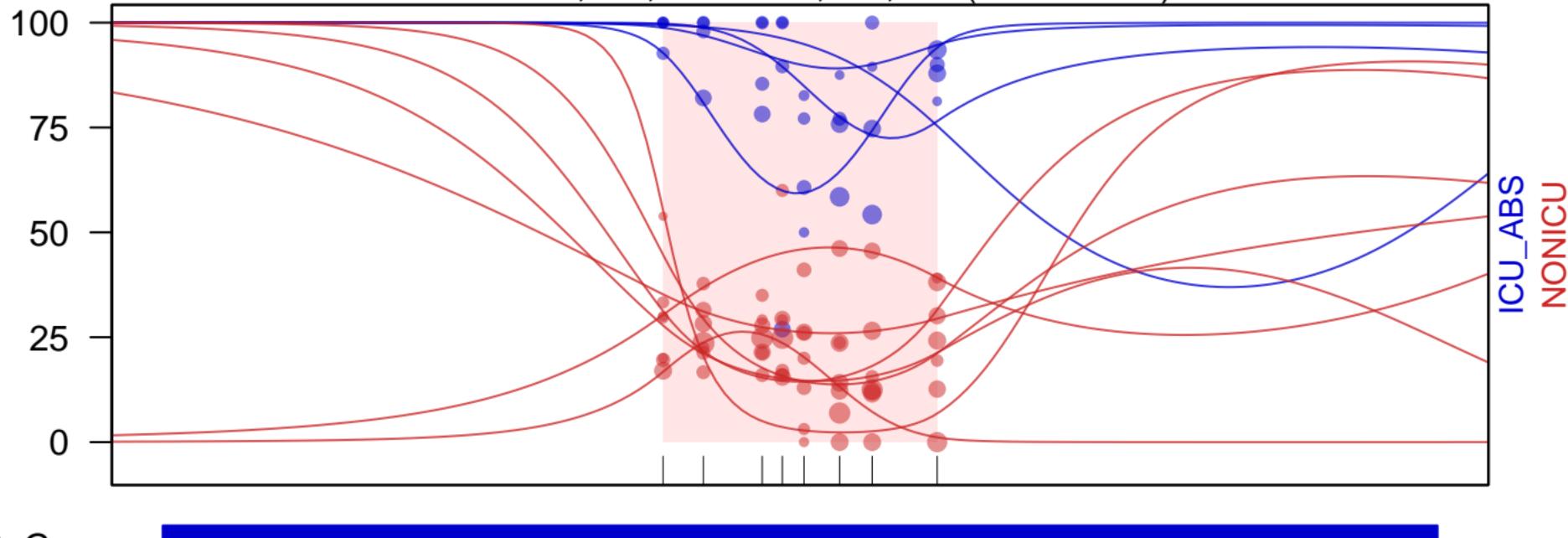


chr14: 104,108,054 – 104,108,774 (width = 721)



chr6: 168,377,011 – 168,377,188 (width = 178)

Methylation



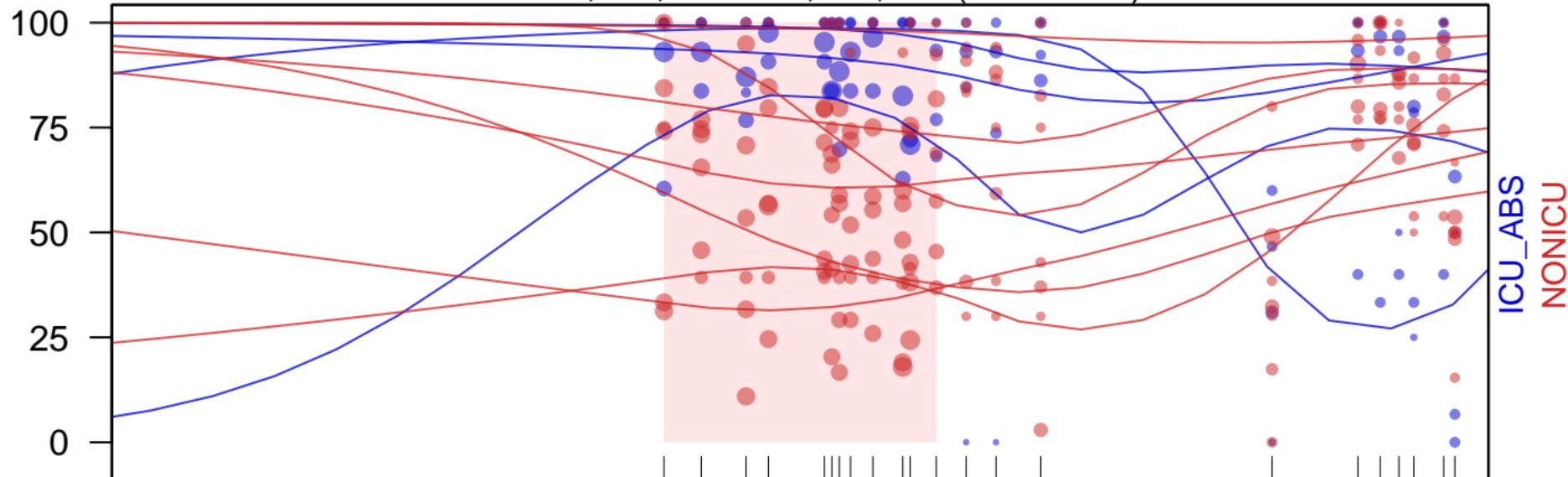
CpGs

Island Shore Shelf Open Sea

Exons

chr6: 20,032,332 – 20,032,405 (width = 74)

Methylation



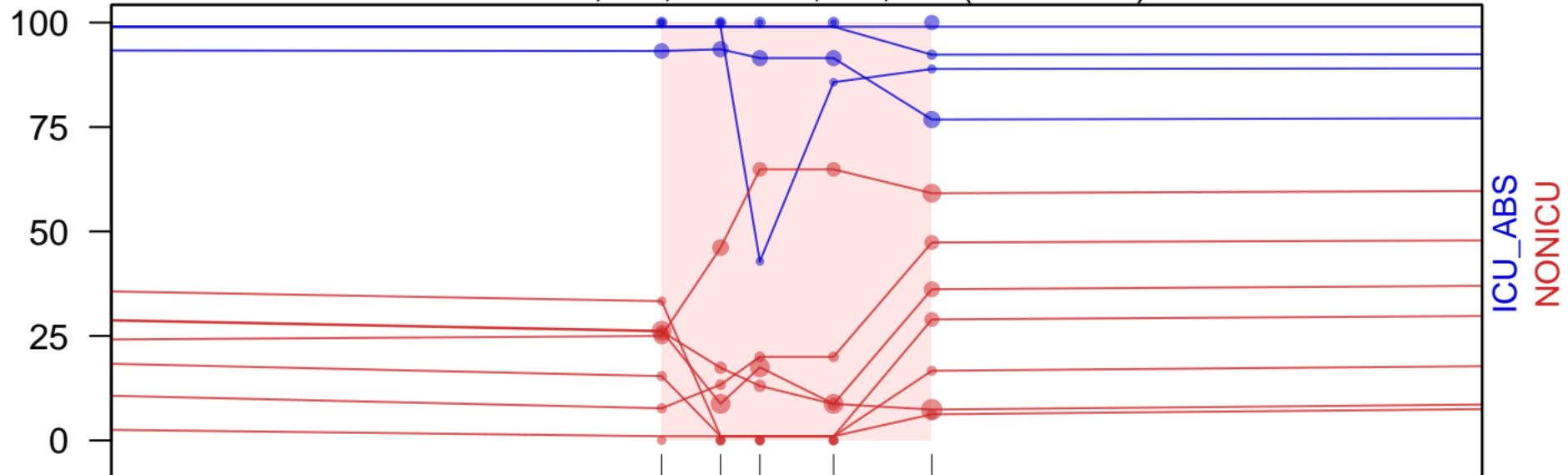
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 23,099,160 – 23,099,215 (width = 56)

Methylation



CpGs

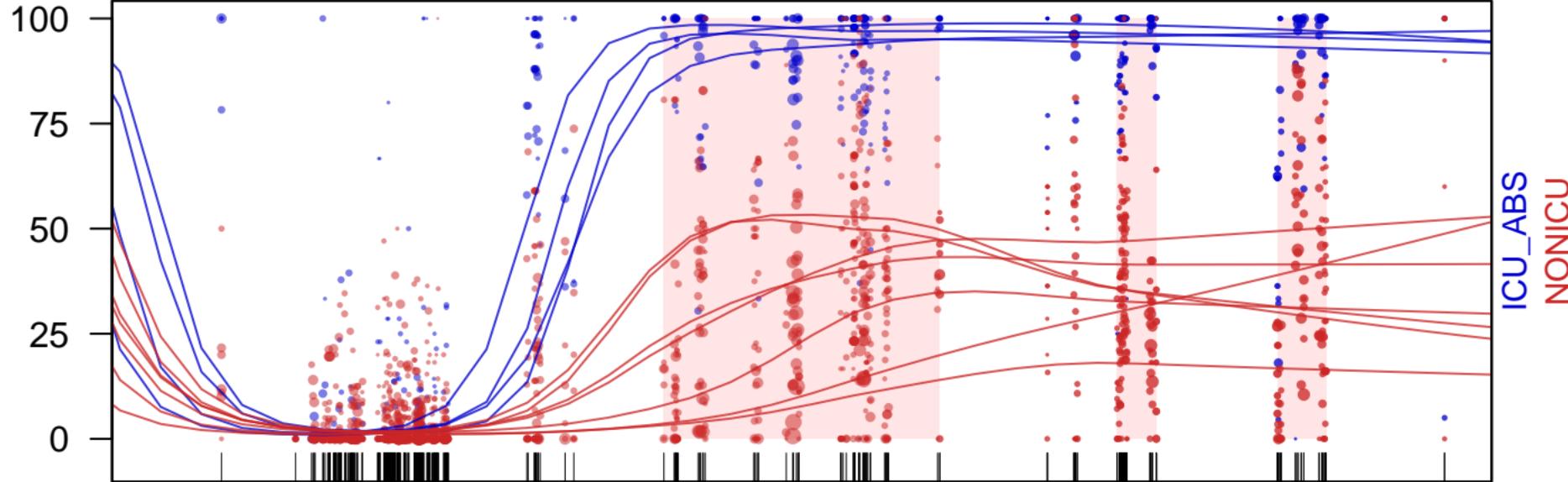
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr22: 46,076,455 – 46,081,689 (width = 5,235)

Methylation

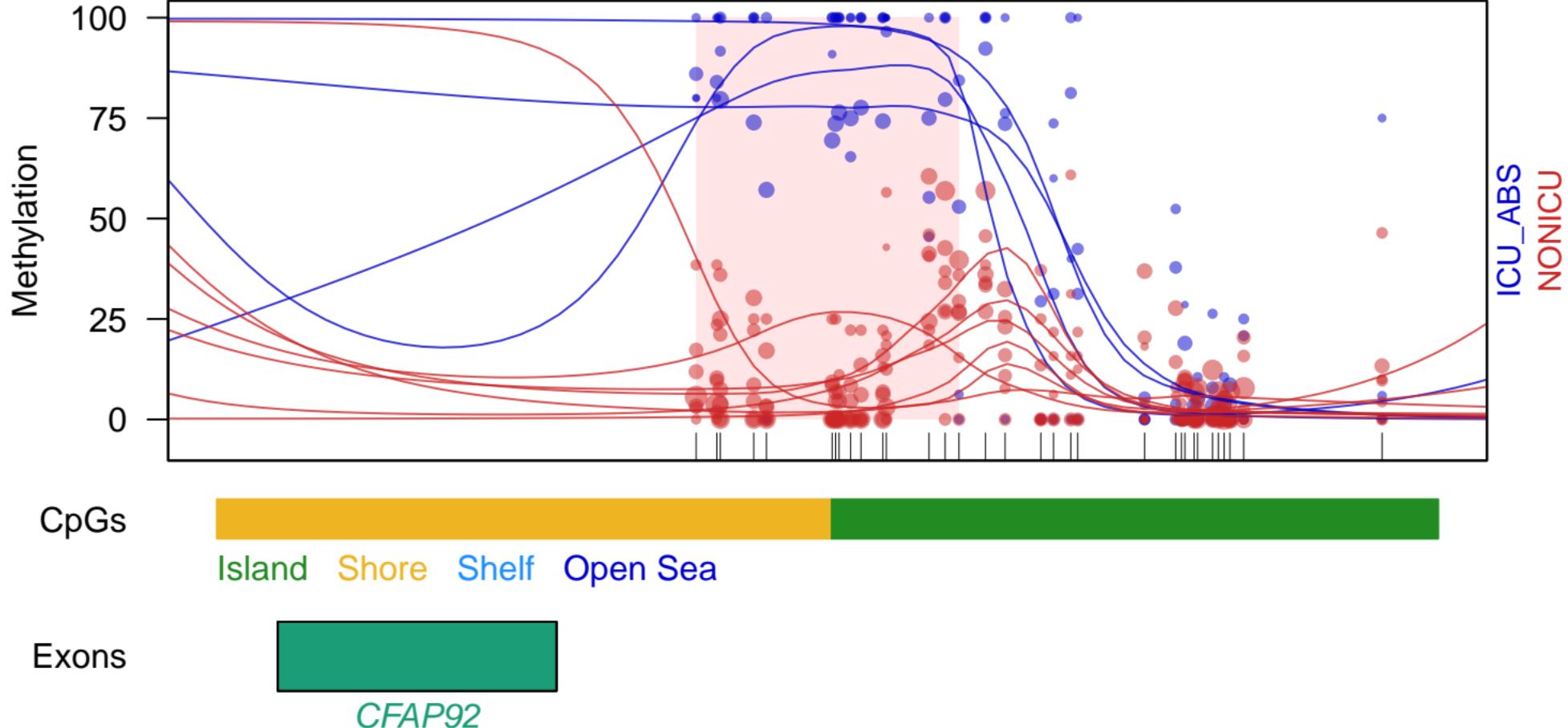


CpGs



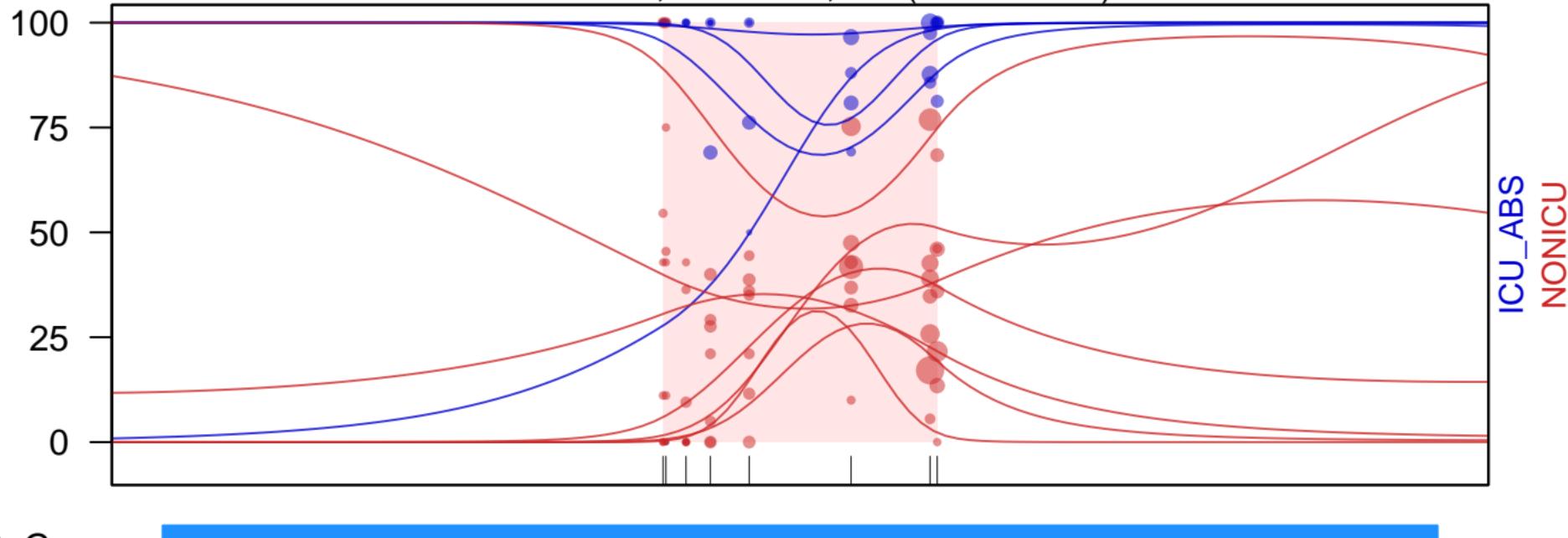
Exons

chr3: 128,993,444 – 128,993,672 (width = 229)



chr19: 979,382 – 979,573 (width = 192)

Methylation

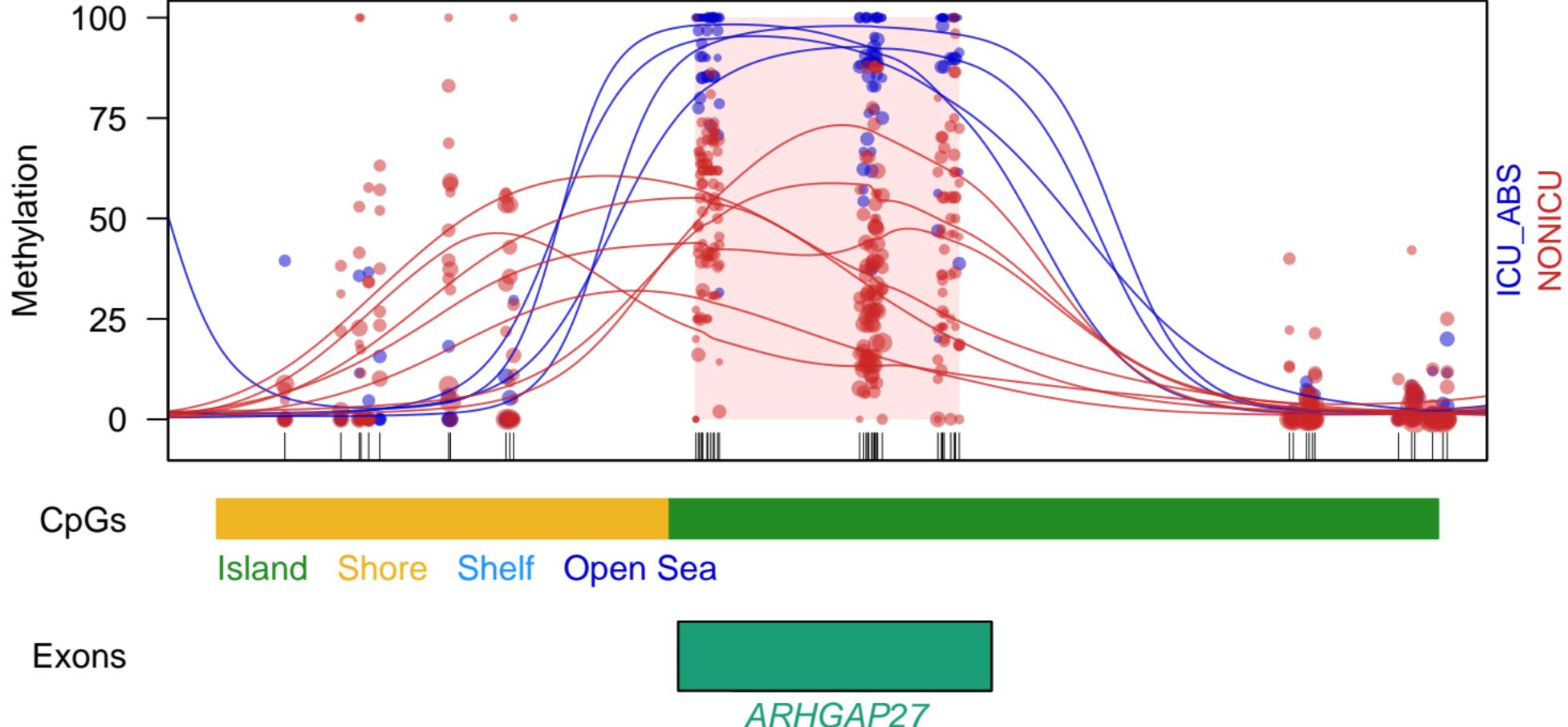


CpGs

Island Shore Shelf Open Sea

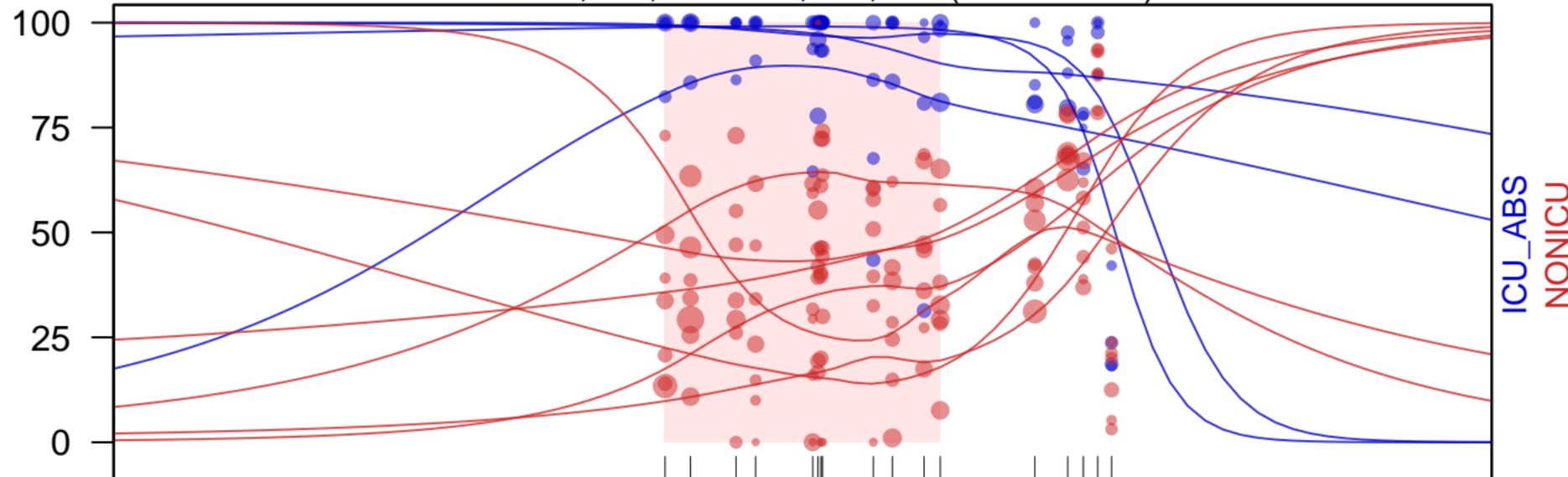
Exons

chr17: 45,429,557 – 45,430,173 (width = 617)



chr2: 42,854,184 – 42,854,661 (width = 478)

Methylation



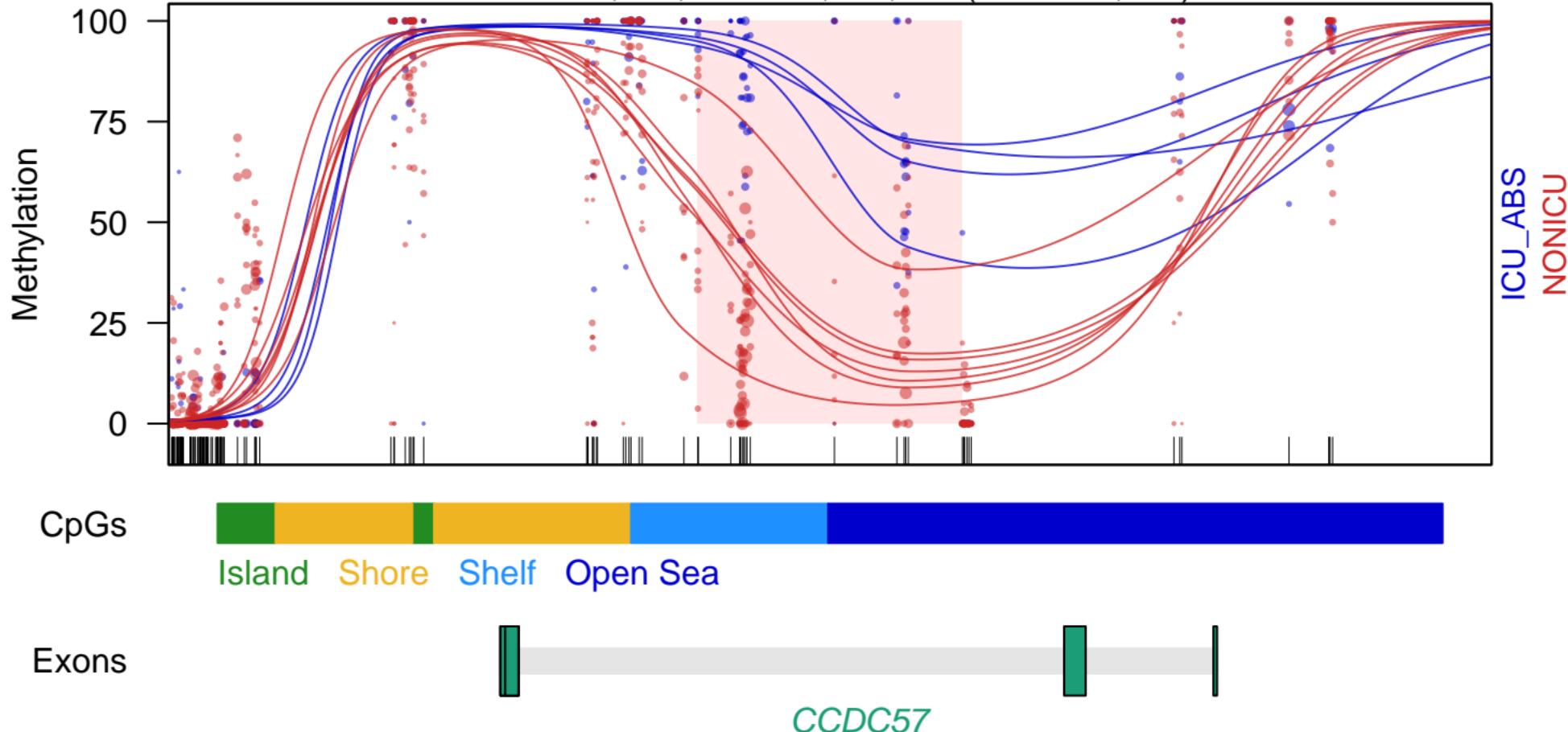
CpGs

Island Shore Shelf Open Sea

Exons

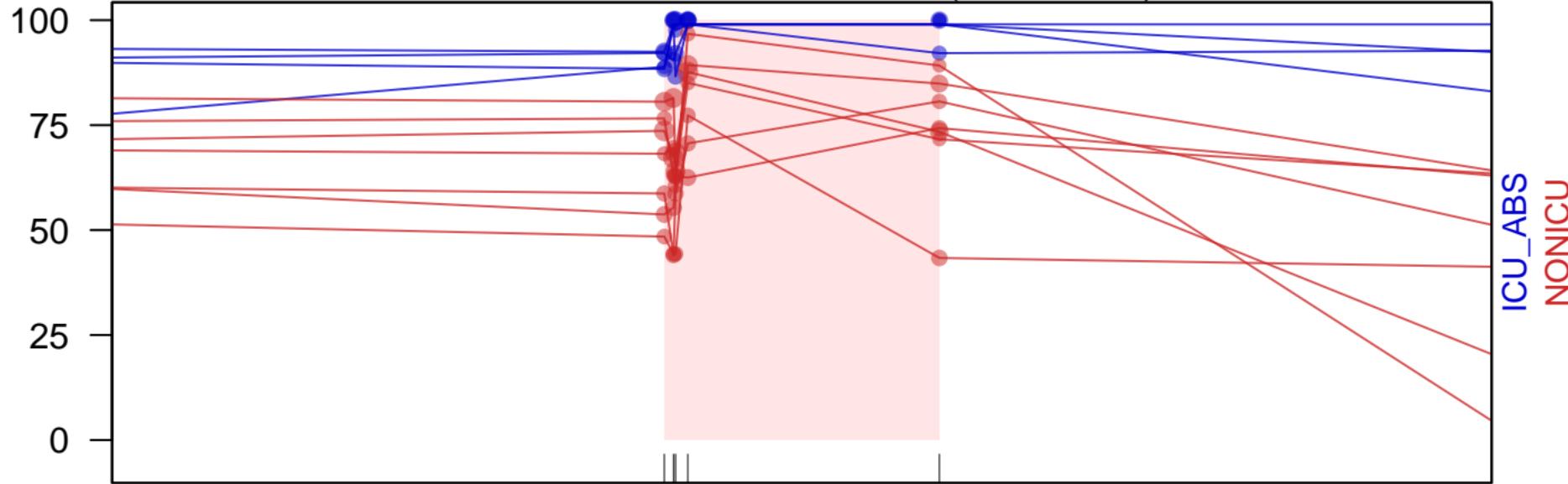
ICU_ABS
NONICU

chr17: 82,103,785 – 82,106,270 (width = 2,486)



chr1: 24,920,408 – 24,920,677 (width = 270)

Methylation

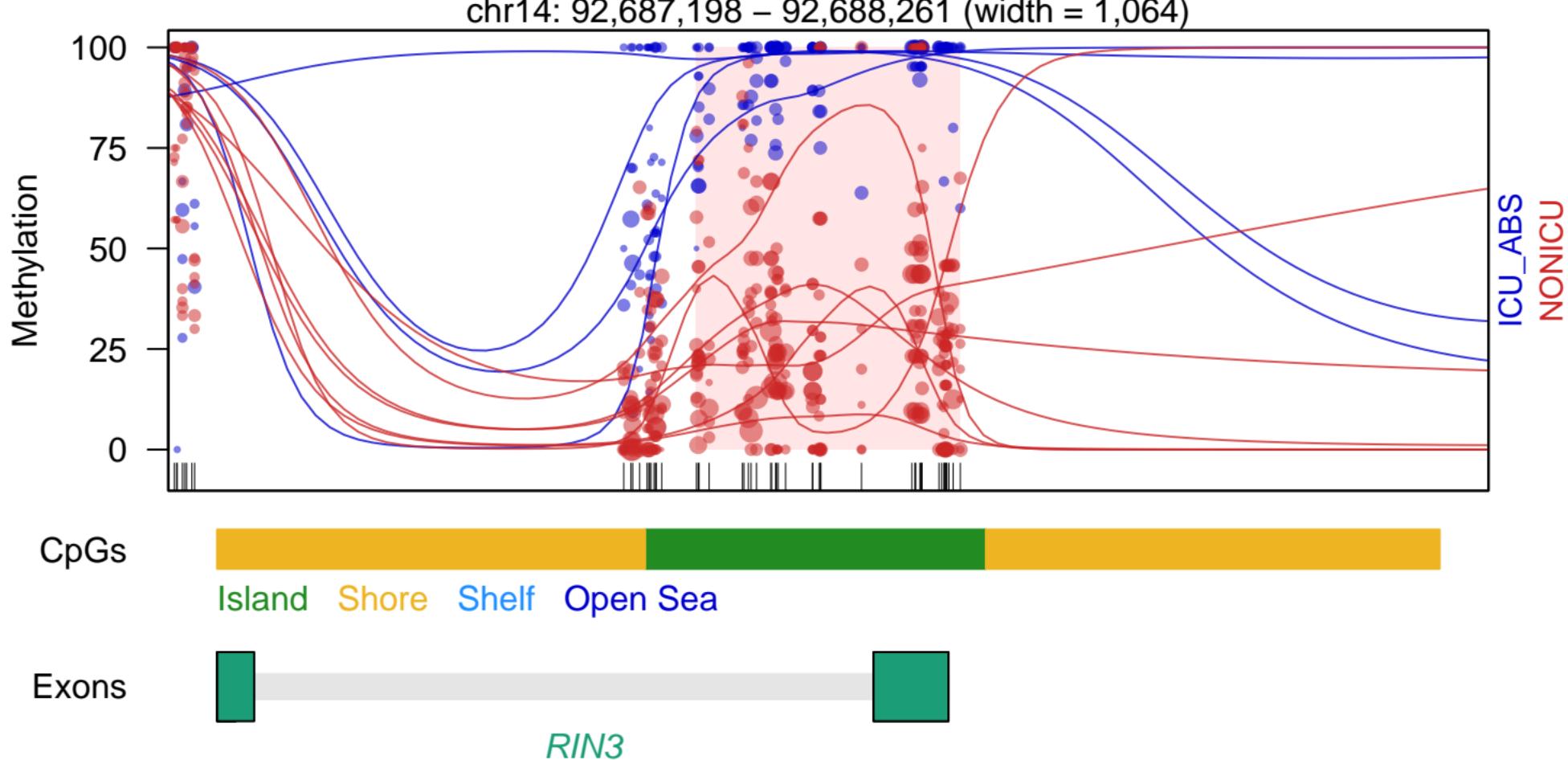


CpGs

Island Shore Shelf Open Sea

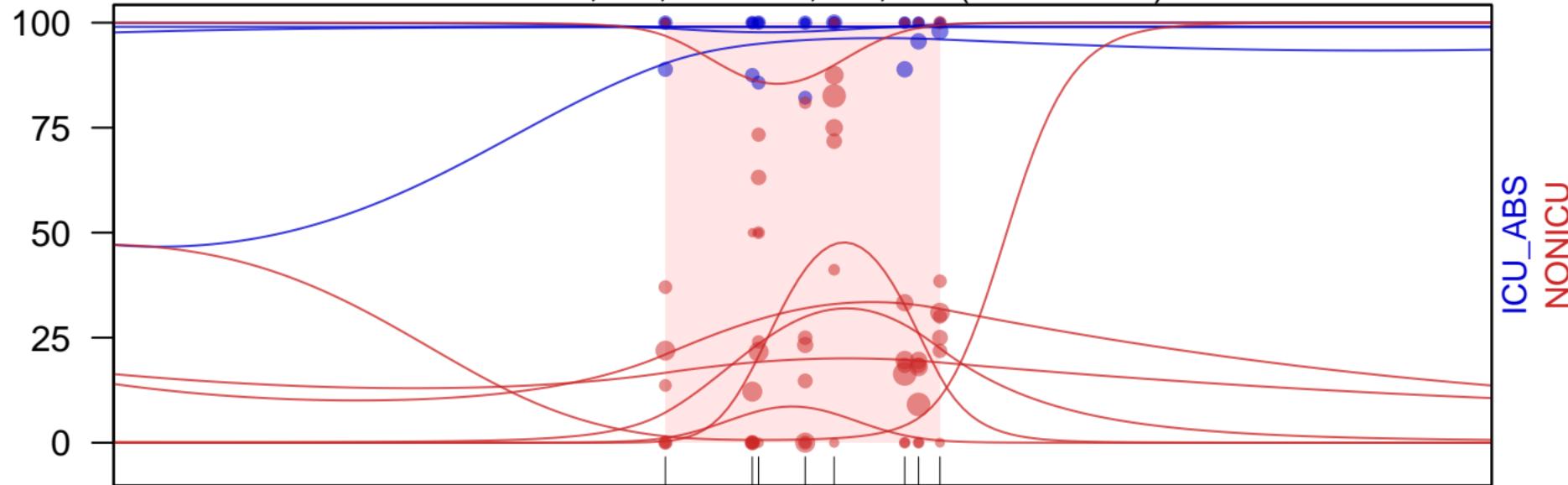
Exons

chr14: 92,687,198 – 92,688,261 (width = 1,064)



chr19: 14,563,653 – 14,563,871 (width = 219)

Methylation



CpGs

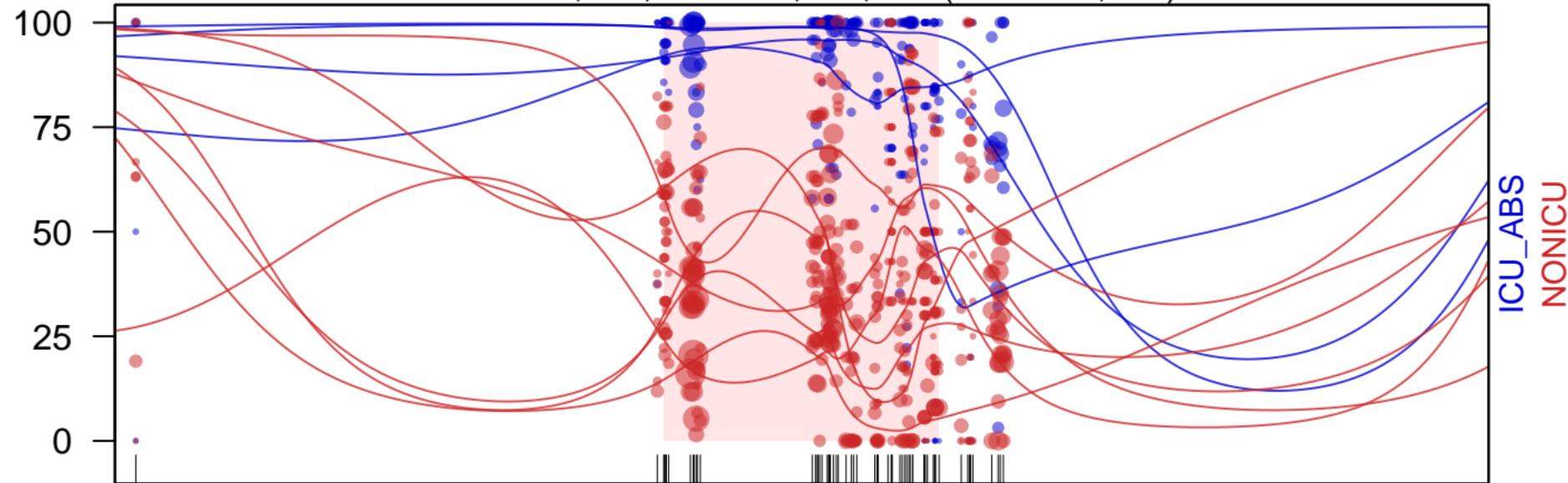


Exons



chr12: 57,736,144 – 57,738,105 (width = 1,962)

Methylation



CpGs



Island Shore Shelf Open Sea

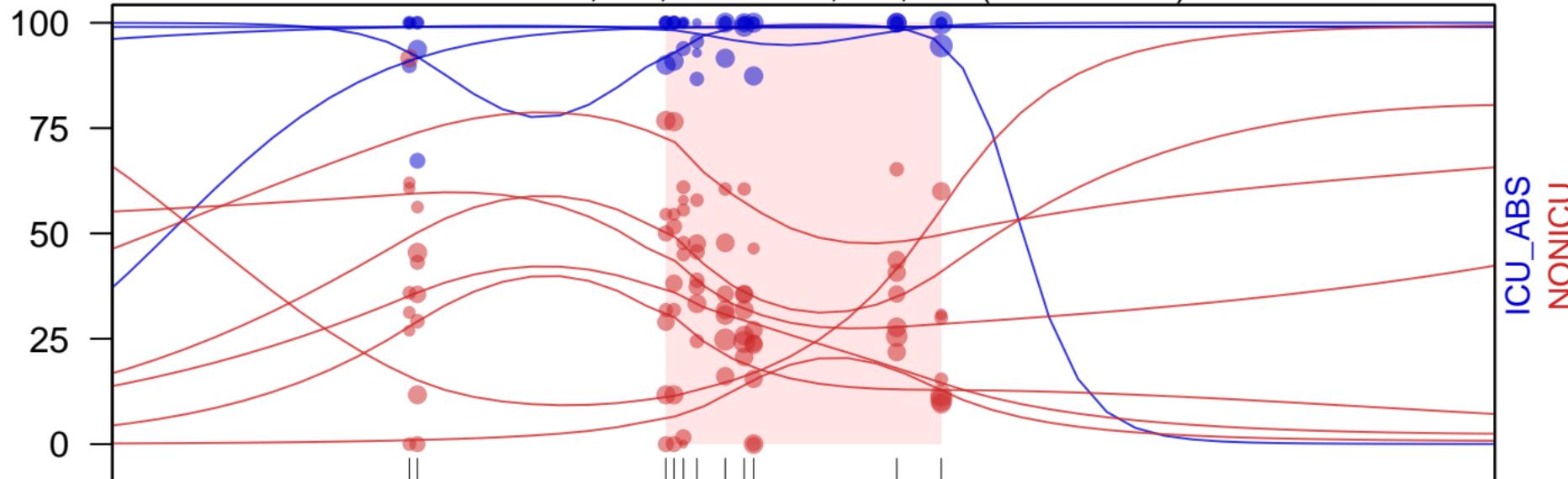
Exons



AGAP2

chr10: 132,667,774 – 132,667,978 (width = 205)

Methylation



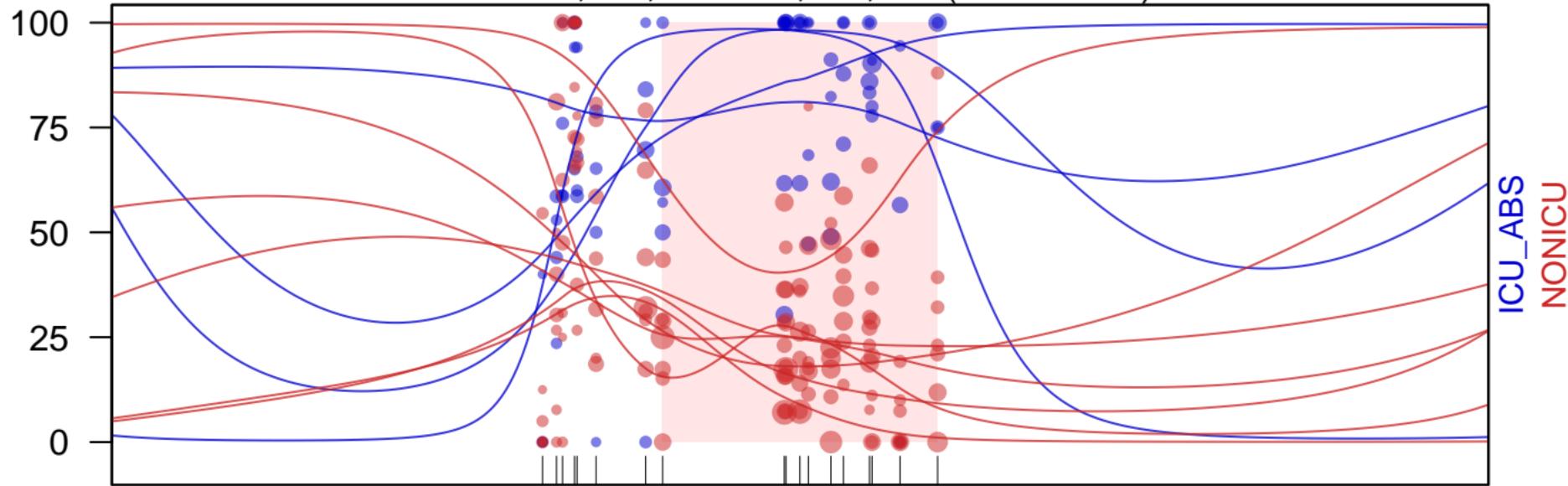
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 23,685,156 – 23,685,705 (width = 550)

Methylation



CpGs

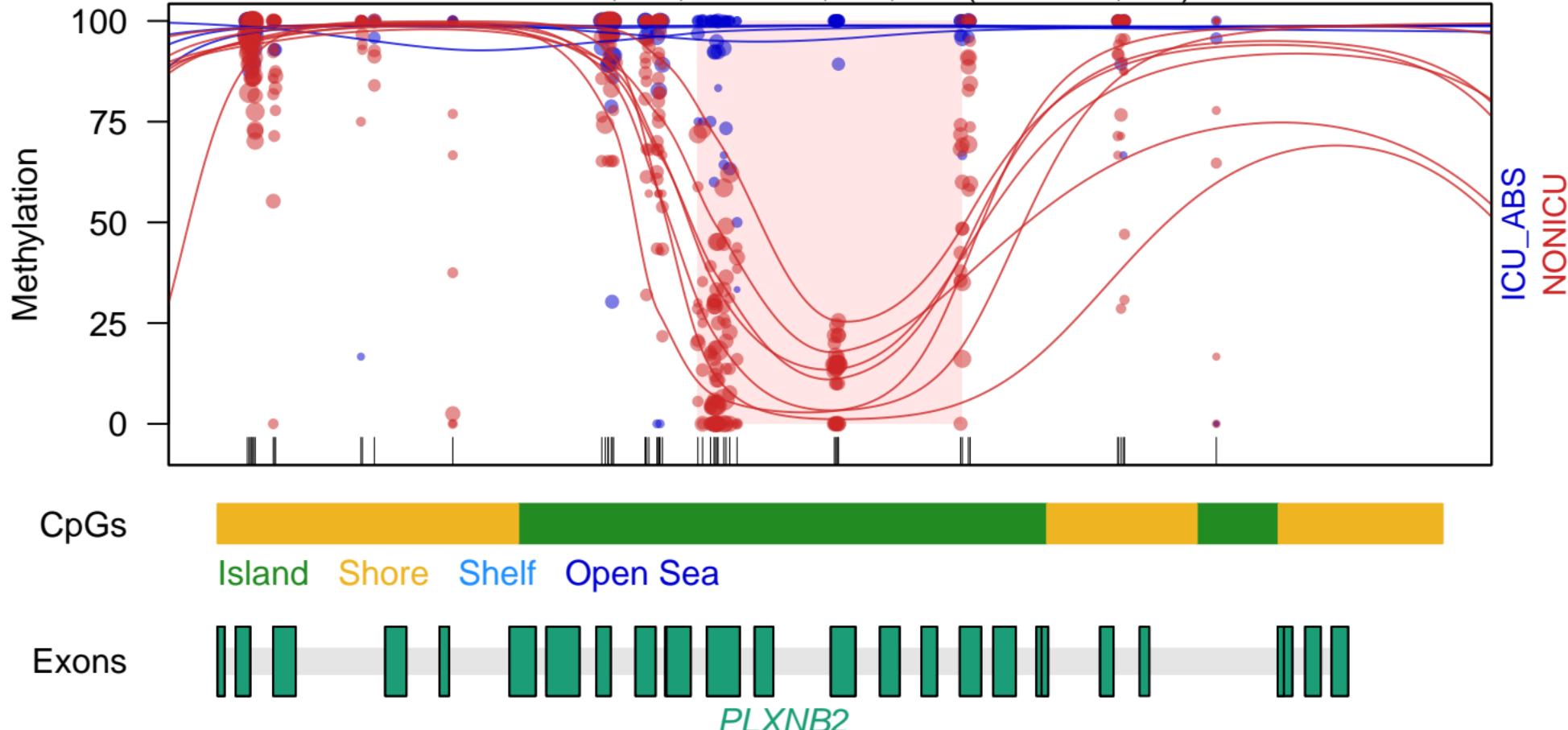


Exons

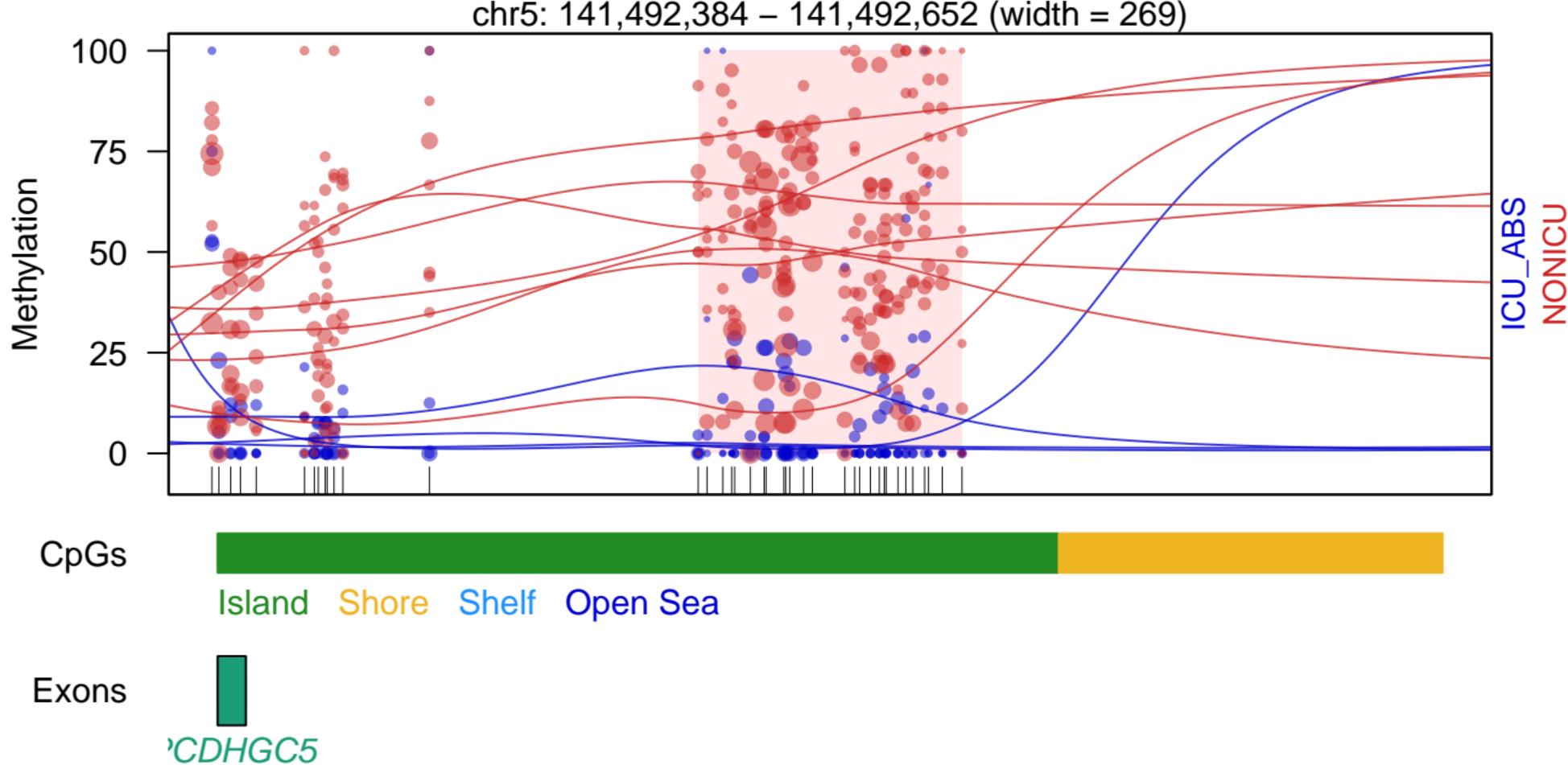


KLHL29

chr22: 50,281,859 – 50,283,552 (width = 1,694)

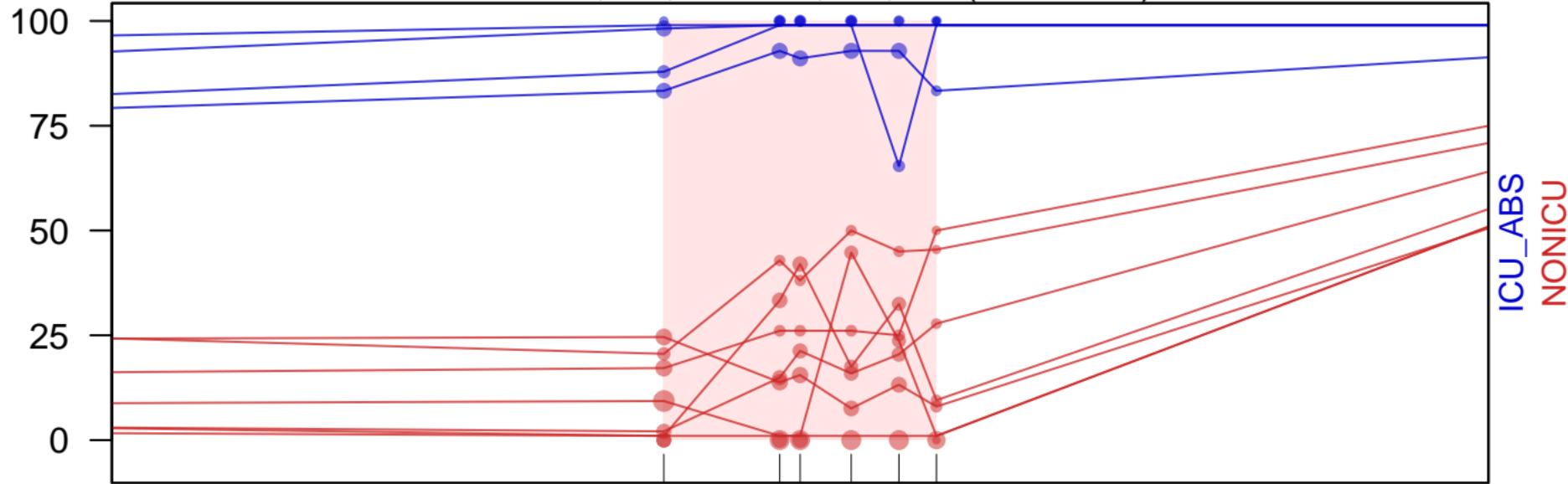


chr5: 141,492,384 – 141,492,652 (width = 269)



chr19: 13,818,226 – 13,818,306 (width = 81)

Methylation



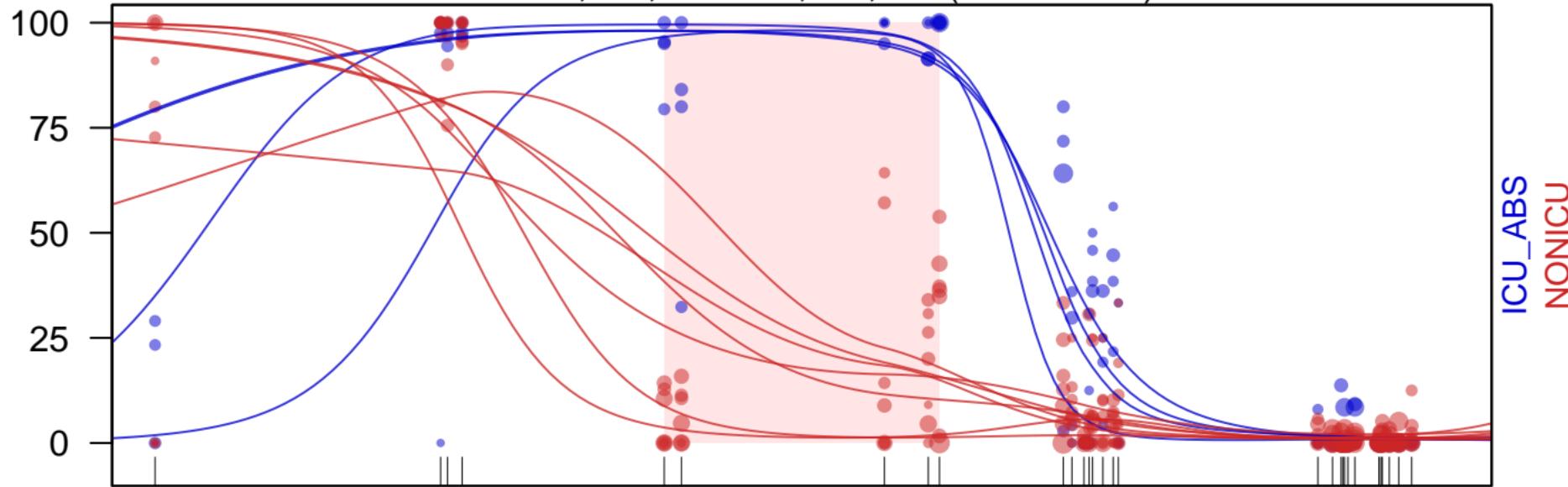
CpGs

Island Shore Shelf Open Sea

Exons

chr3: 14,401,666 – 14,401,986 (width = 321)

Methylation



CpGs



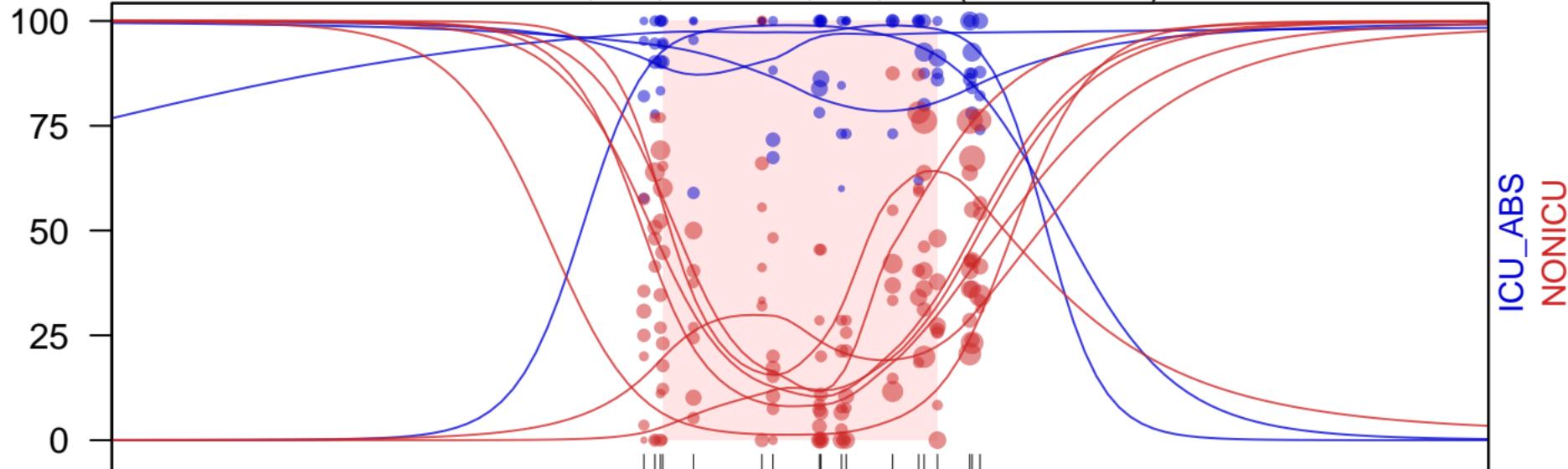
Exons



SLC6A6

chr11: 69,654,659 – 69,655,008 (width = 350)

Methylation



CpGs



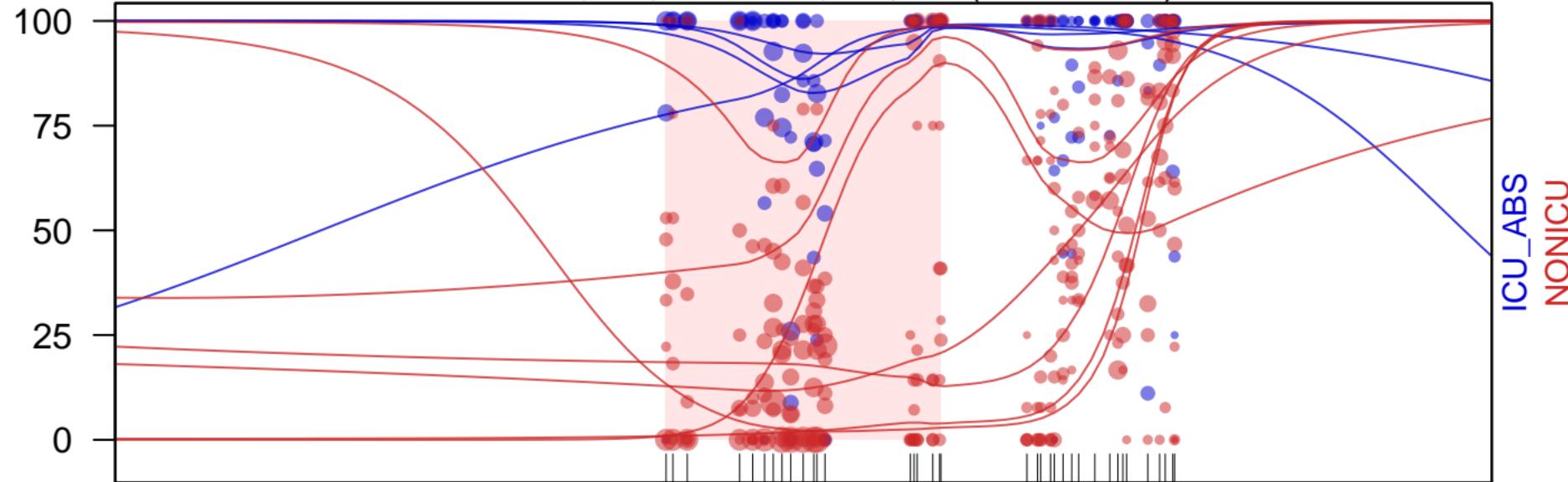
Exons



LTO1

chr5: 177,367,006 – 177,367,447 (width = 442)

Methylation



CpGs



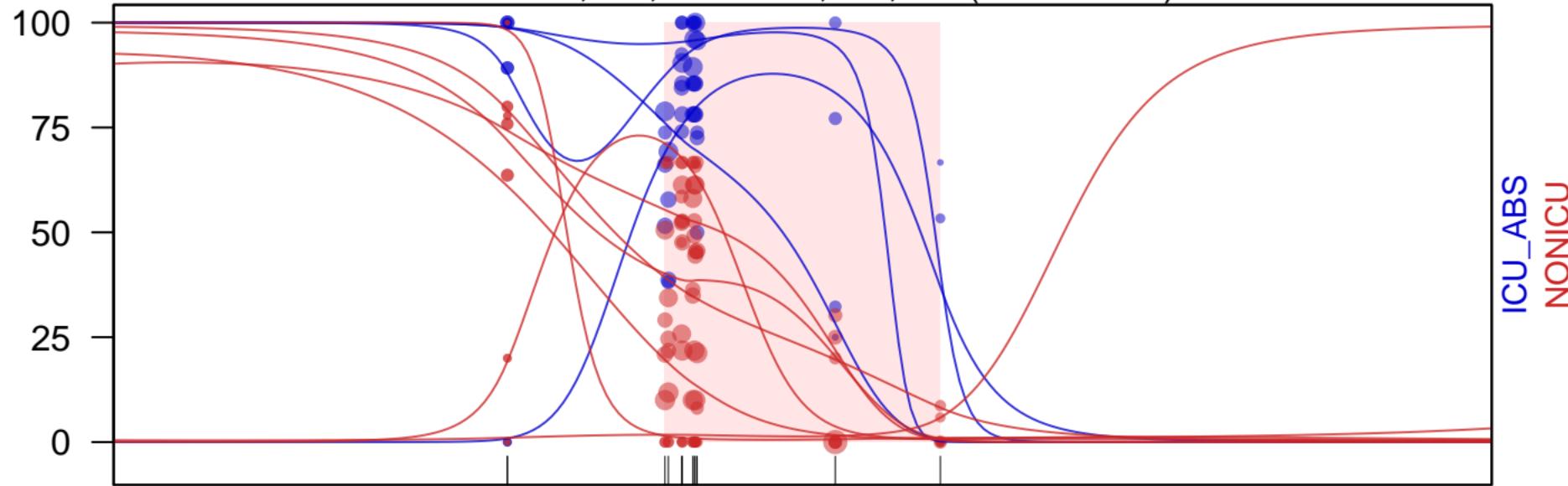
Exons



RGS14

chr9: 128,921,488 – 128,922,379 (width = 892)

Methylation



CpGs

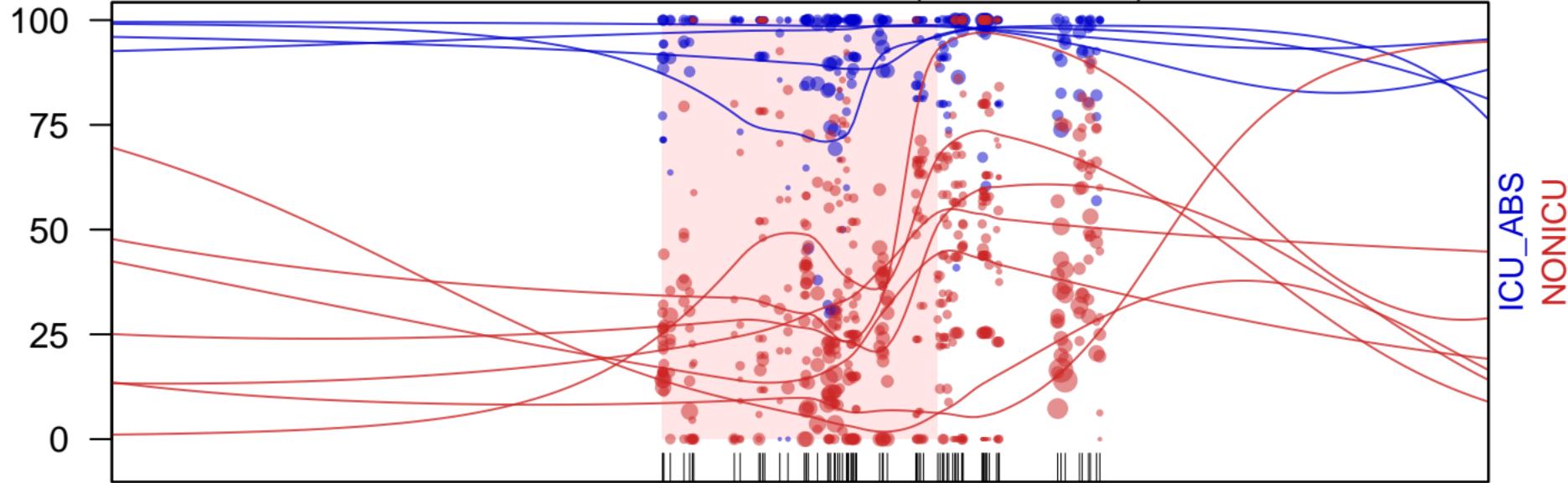
Island Shore Shelf Open Sea

Exons

PHYHD1

chr1: 3,062,342 – 3,063,654 (width = 1,313)

Methylation



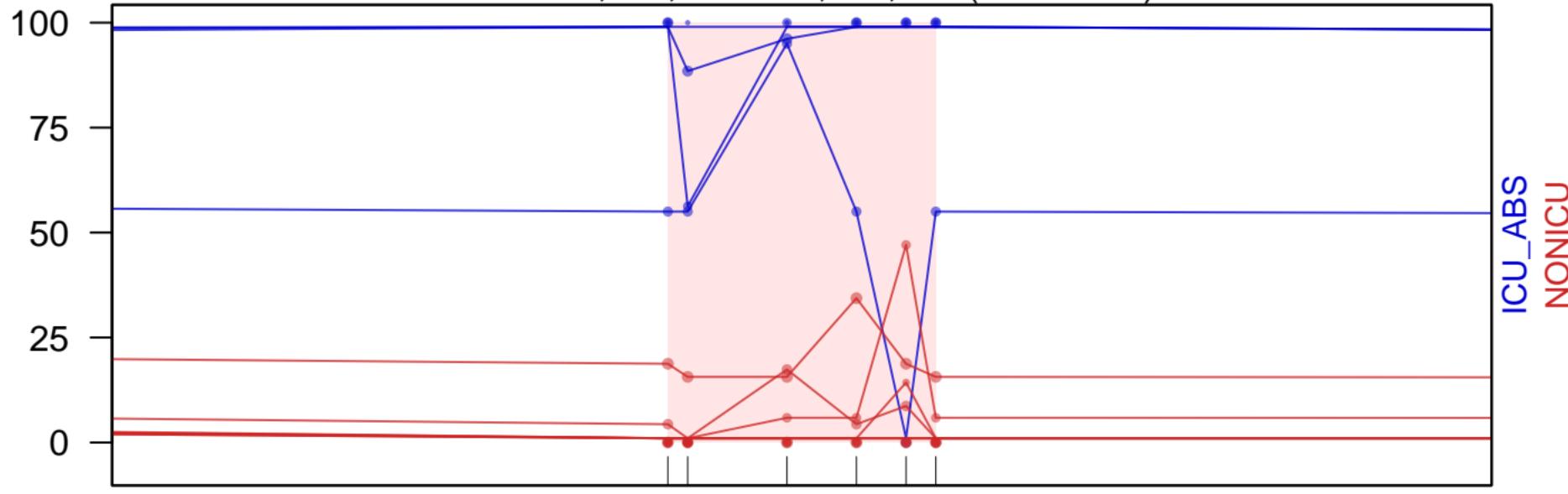
CpGs



Exons

chr11: 73,343,076 – 73,343,103 (width = 28)

Methylation



CpGs



Island Shore Shelf Open Sea

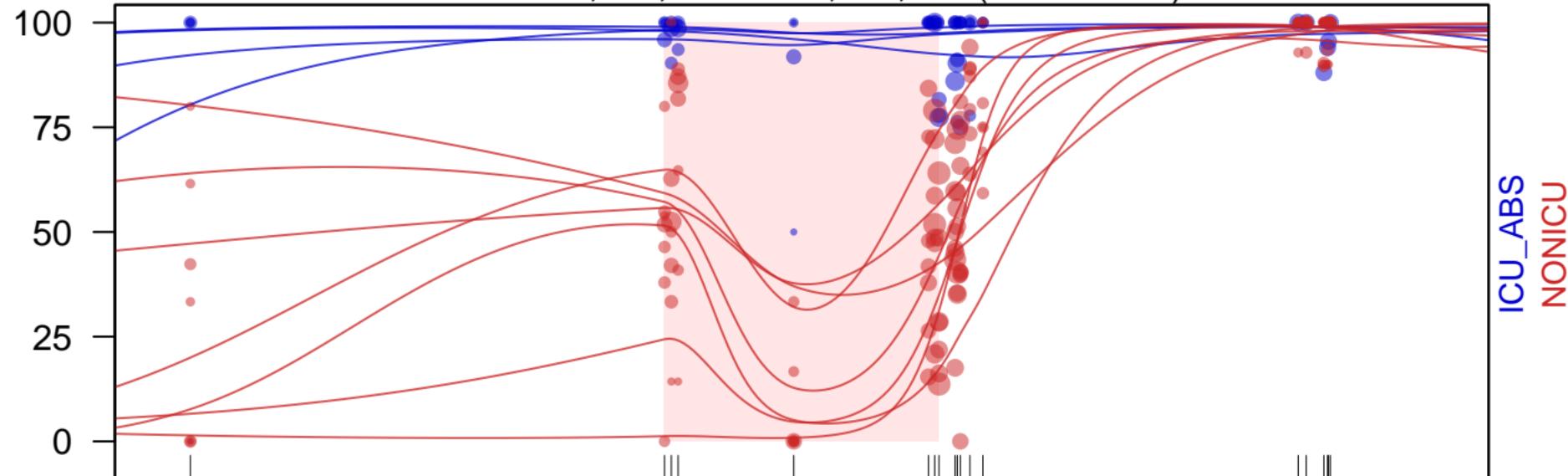
Exons



ARHGEF17

chr13: 114,100,724 – 114,101,612 (width = 889)

Methylation

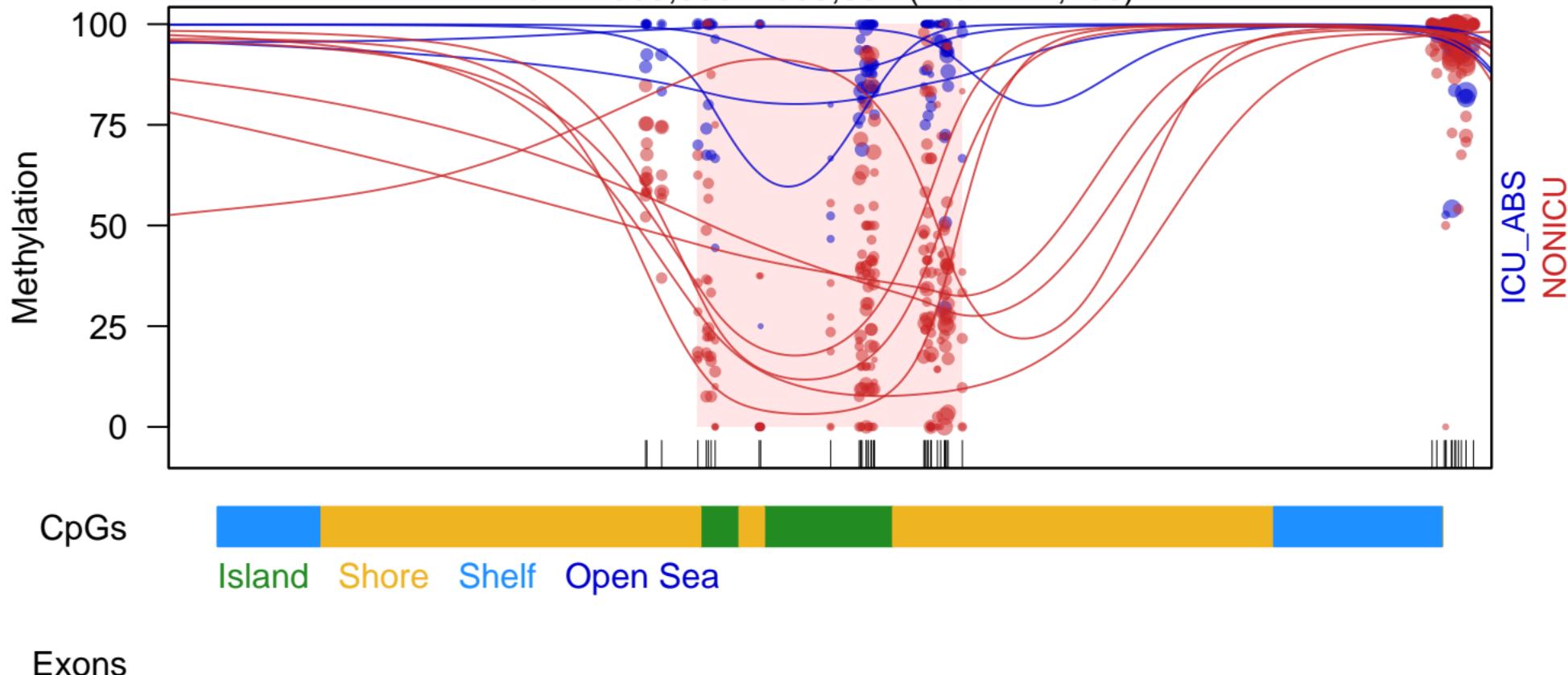


CpGs

Island Shore Shelf Open Sea

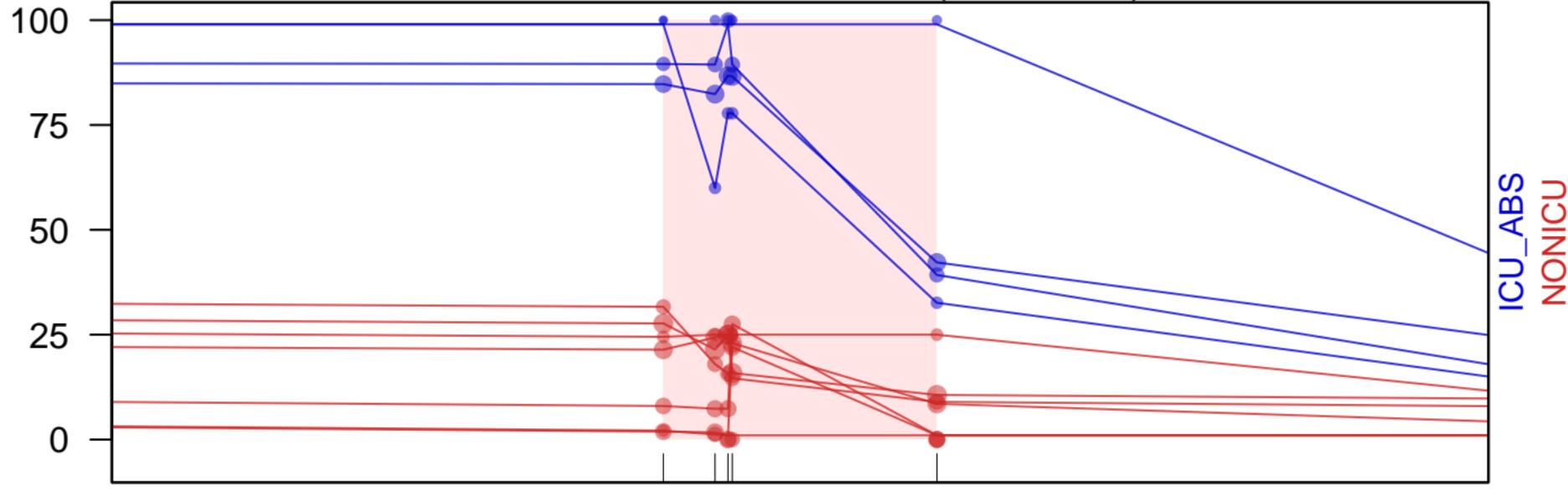
Exons

chr7: 368,696 – 369,981 (width = 1,286)



chr11: 9,572,233 – 9,572,360 (width = 128)

Methylation

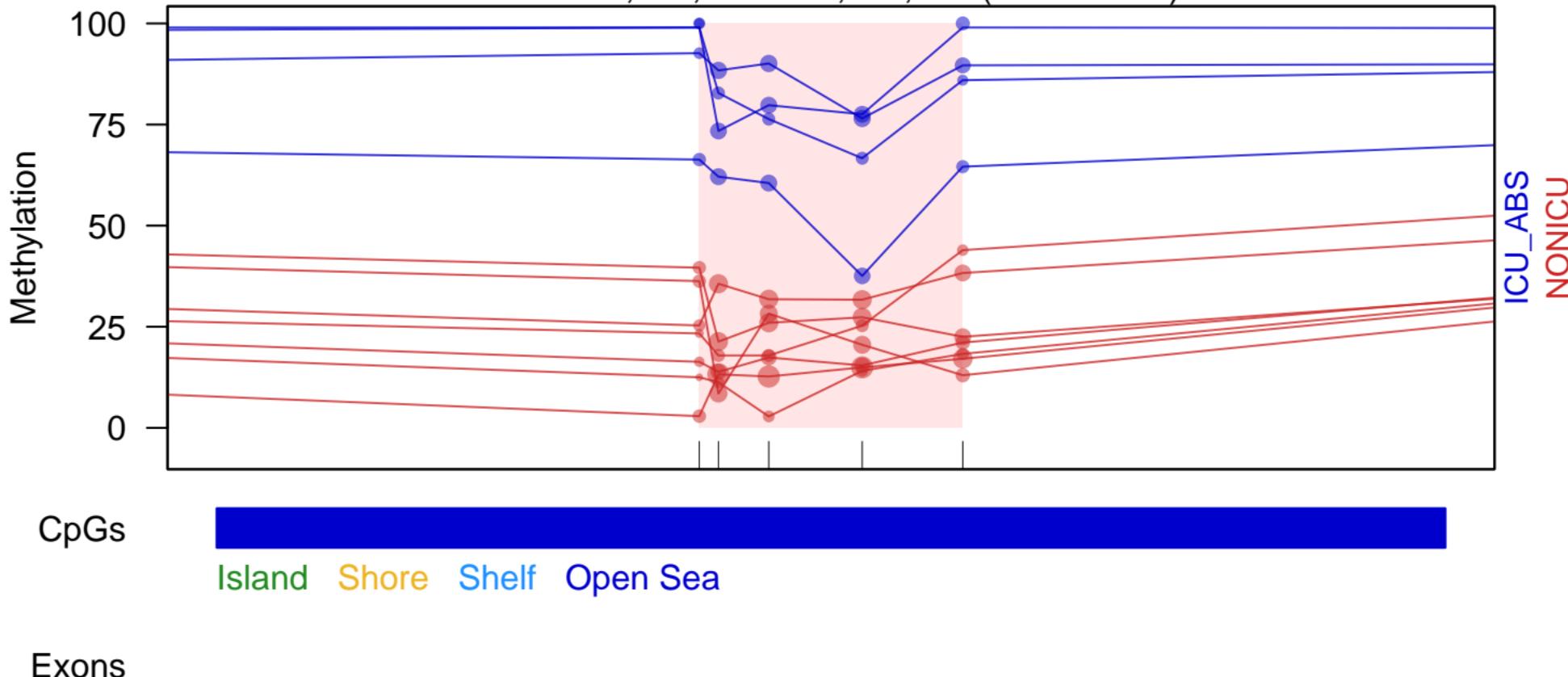


CpGs



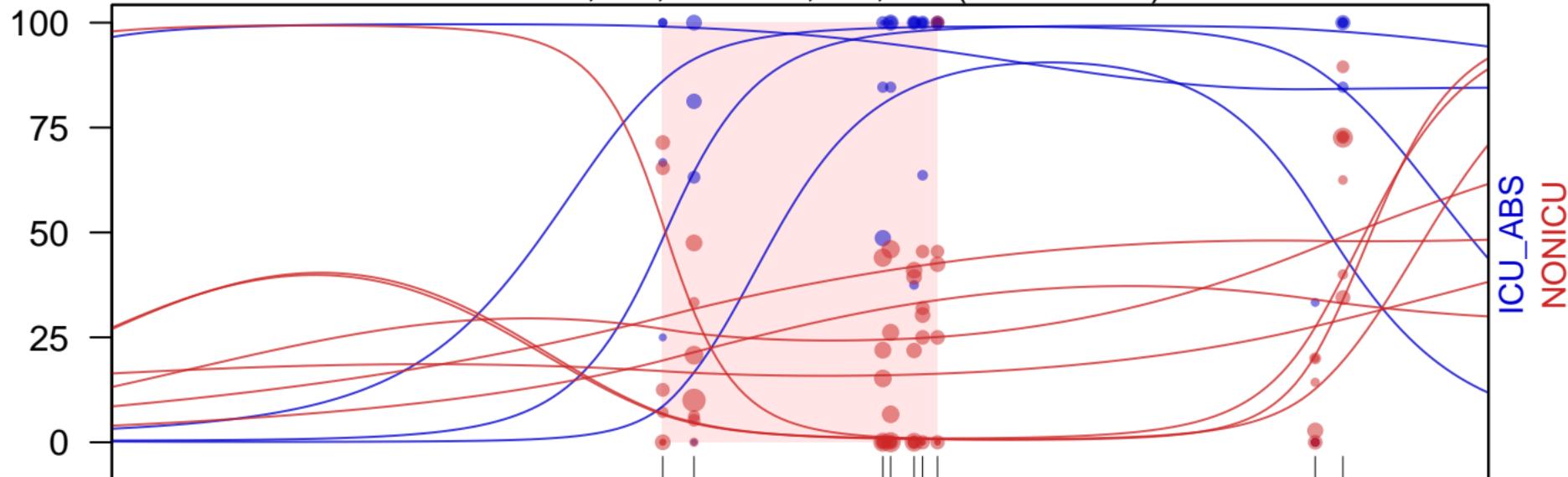
Exons

chr20: 56,802,185 – 56,802,295 (width = 111)



chr19: 18,439,644 – 18,440,031 (width = 388)

Methylation

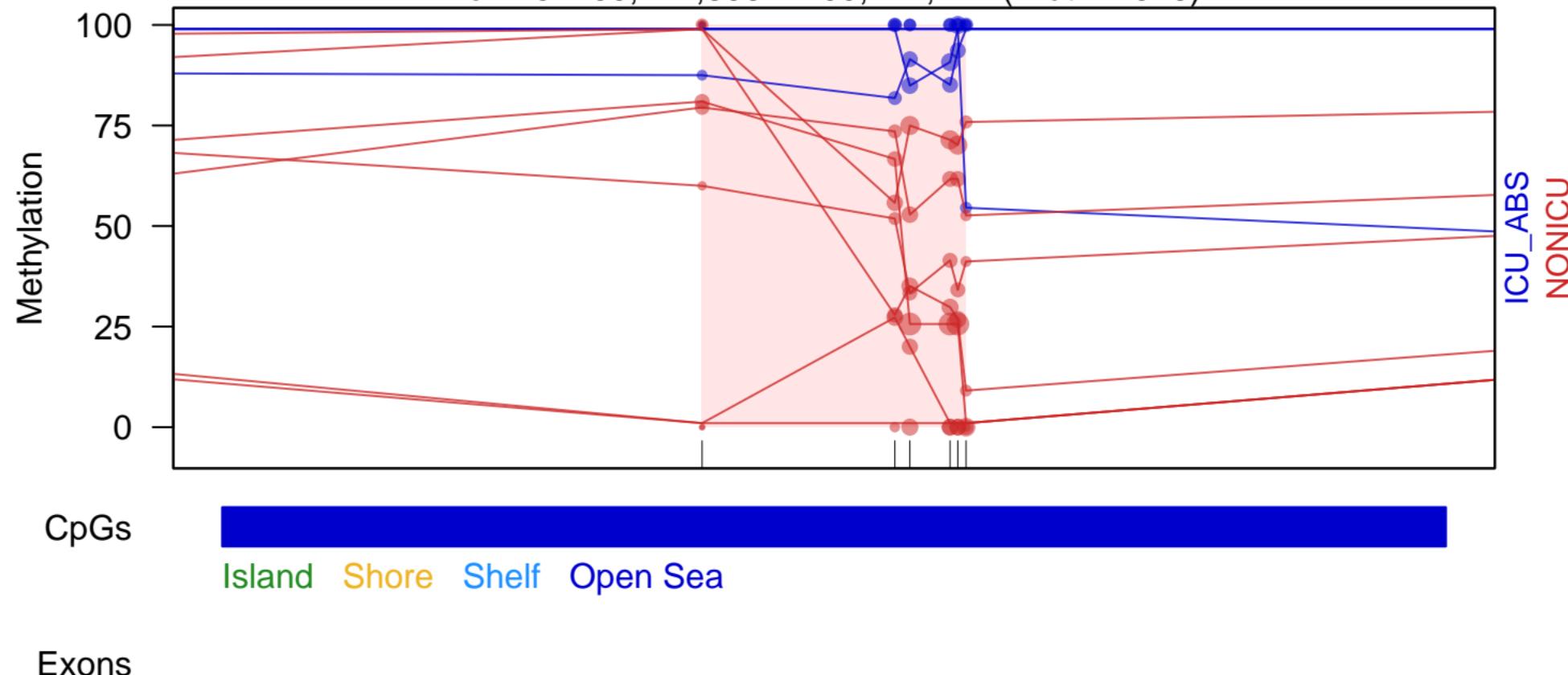


CpGs

Island Shore Shelf Open Sea

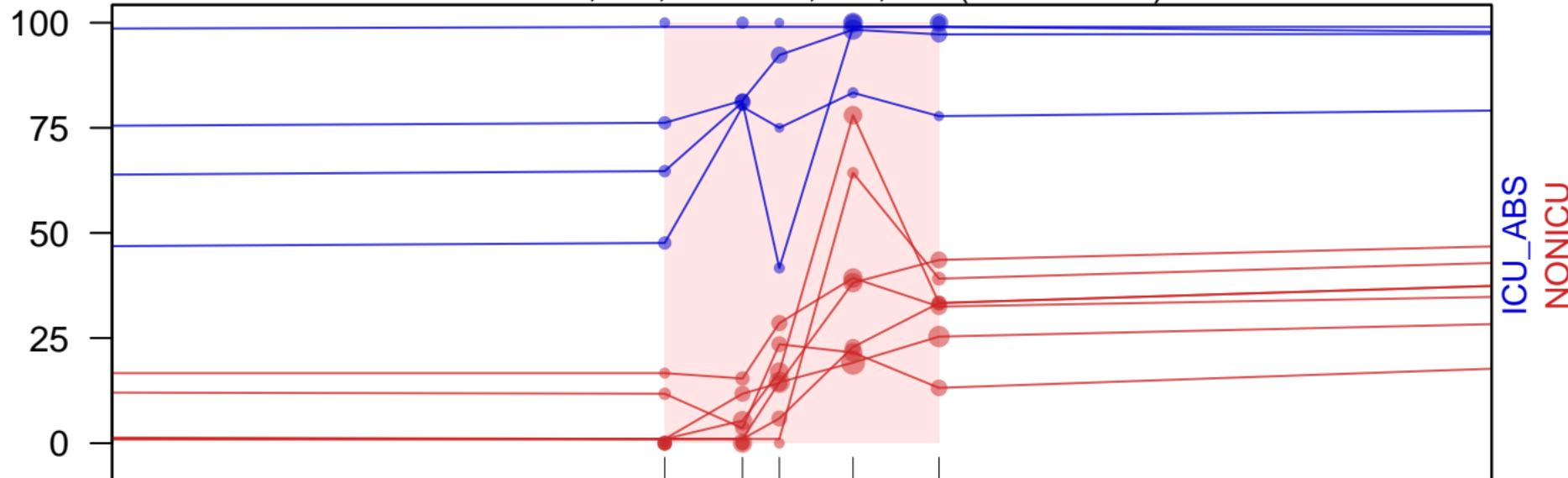
Exons

chr15: 100,221,896 – 100,222,441 (width = 546)



chr18: 58,785,206 – 58,785,340 (width = 135)

Methylation



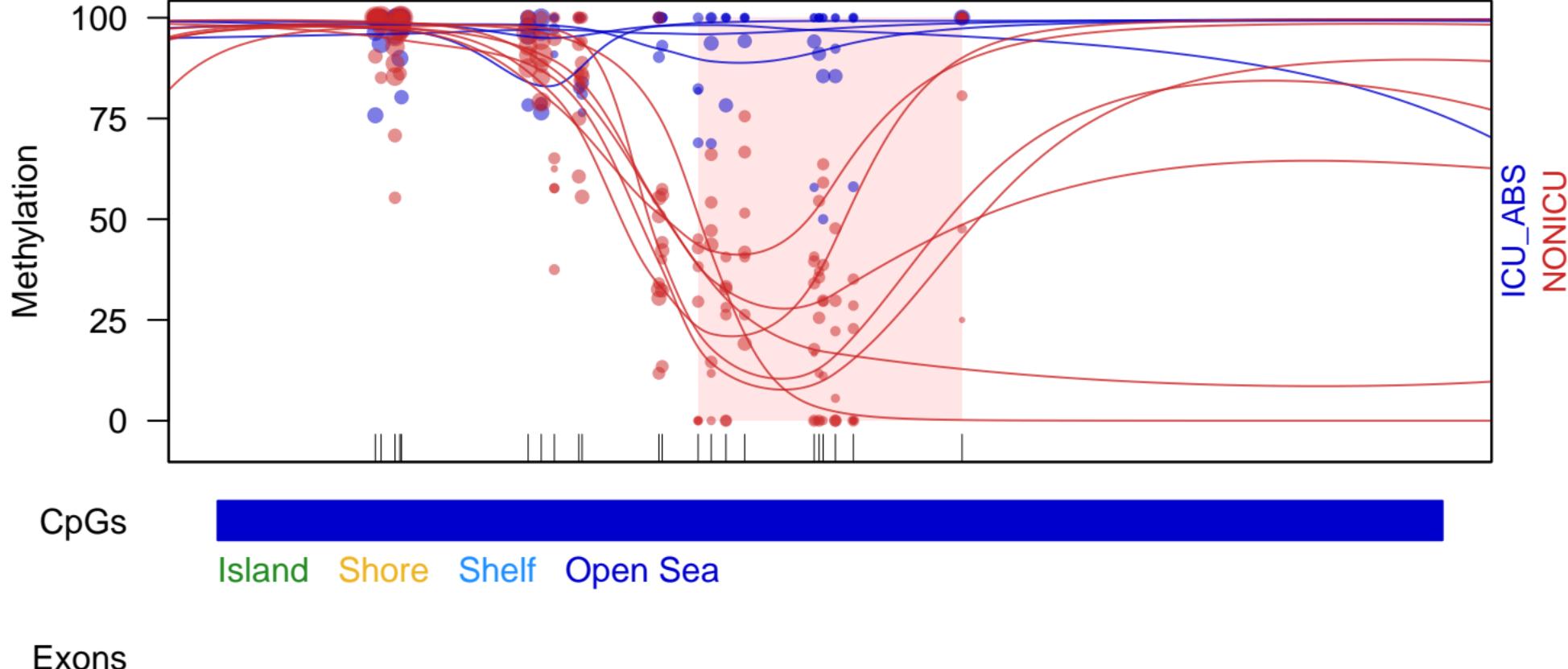
CpGs

Island Shore Shelf Open Sea

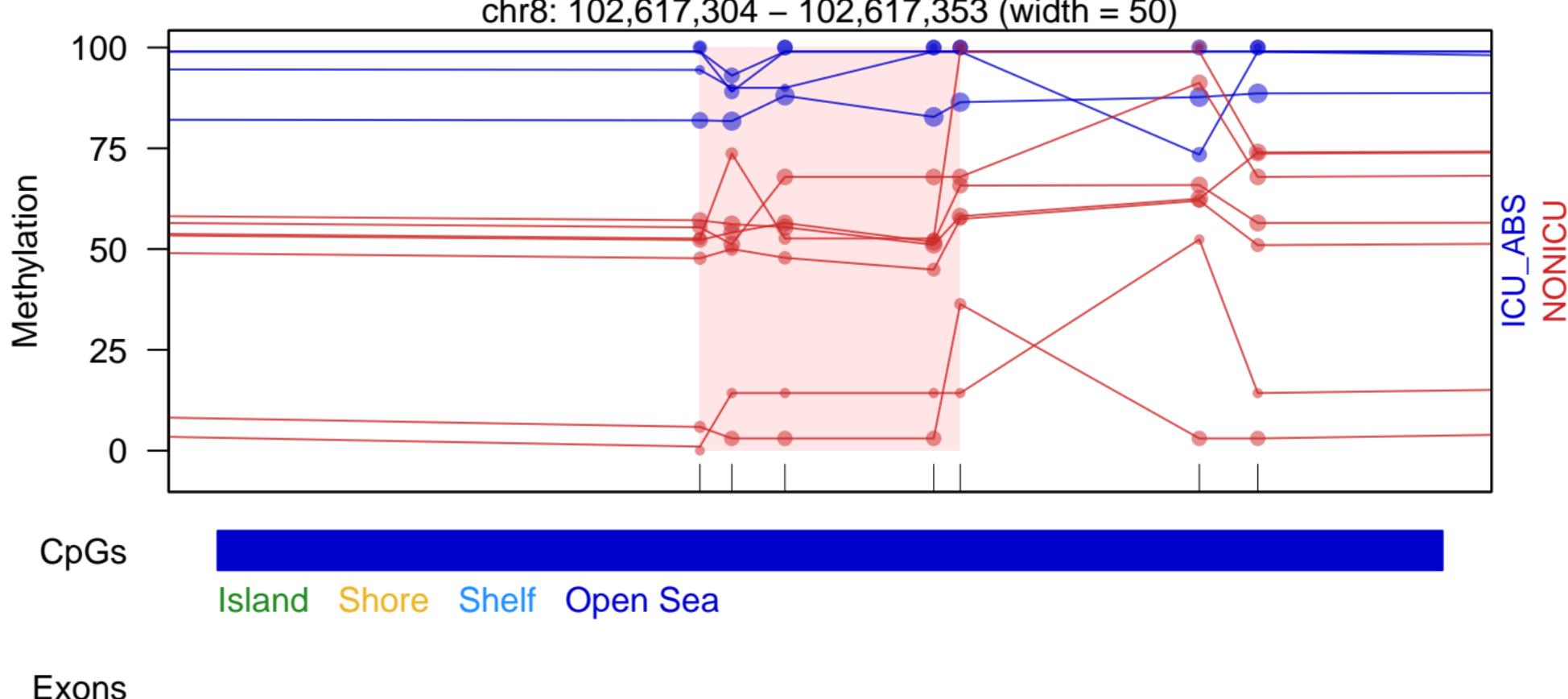
Exons

ICU_ABS
NONICU

chr19: 776,734 – 777,057 (width = 324)

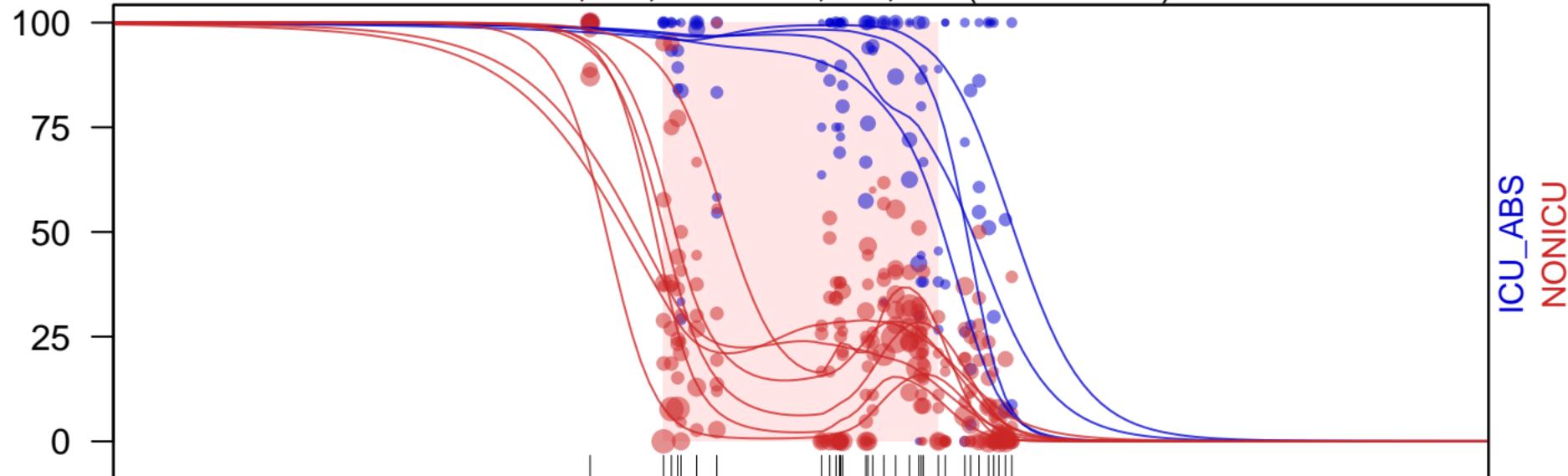


chr8: 102,617,304 – 102,617,353 (width = 50)



chr9: 129,751,814 – 129,752,727 (width = 914)

Methylation



CpGs

Island Shore Shelf Open Sea

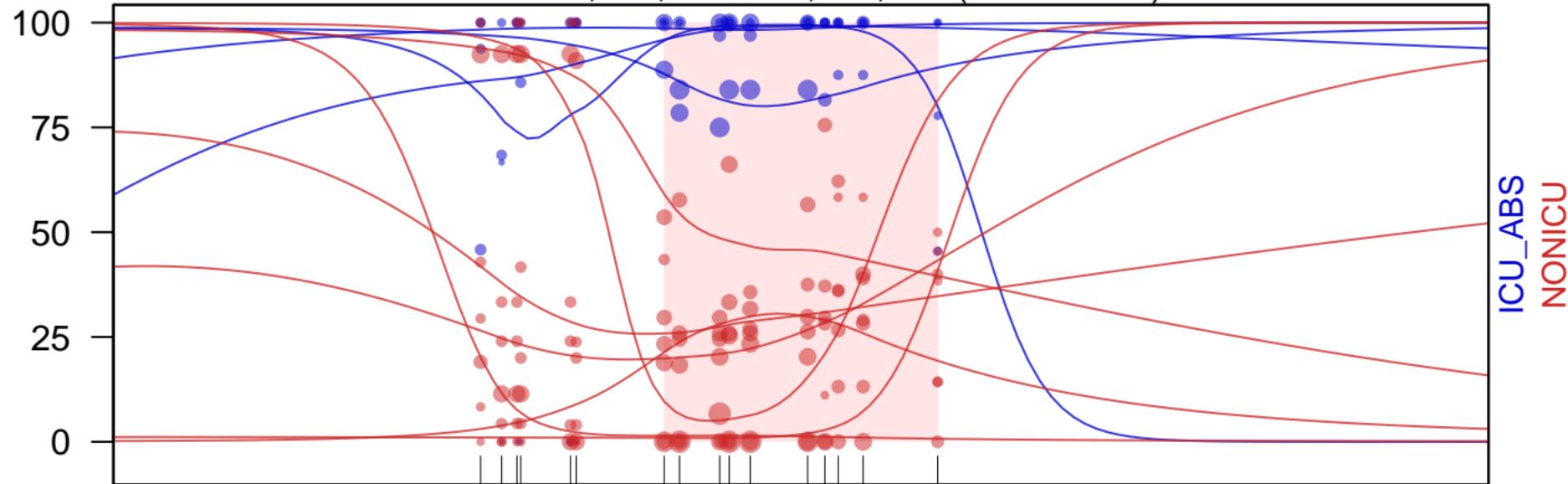
Exons



PTGES

chr17: 43,400,009 – 43,400,152 (width = 144)

Methylation



CpGs

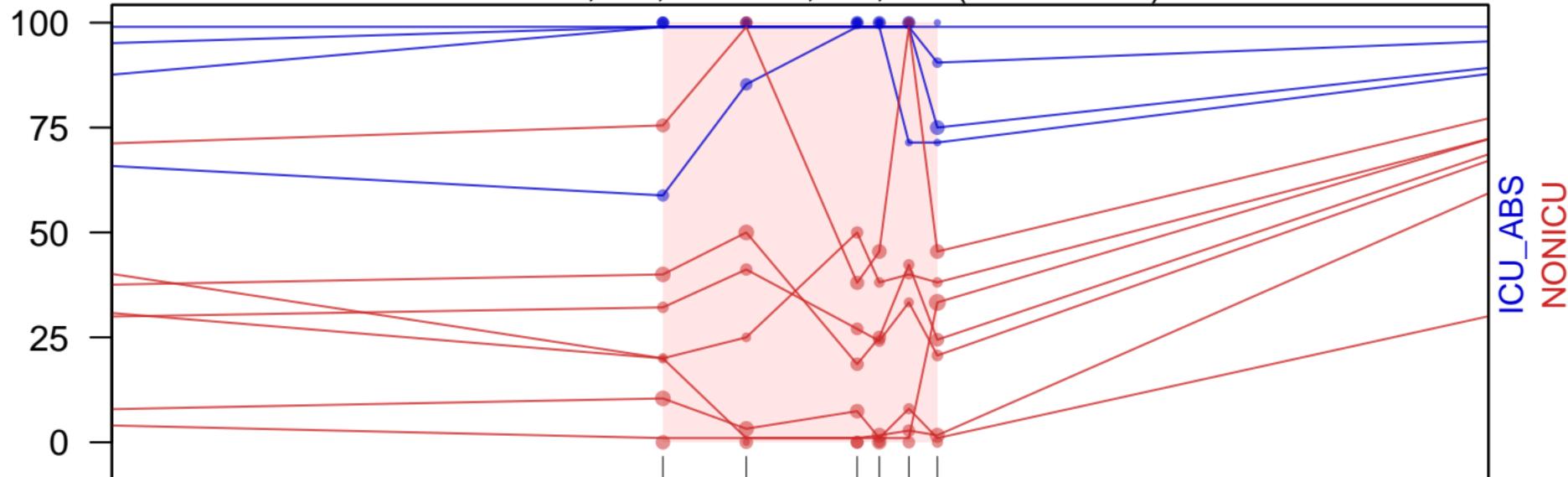


Exons



chr22: 46,533,188 – 46,533,448 (width = 261)

Methylation



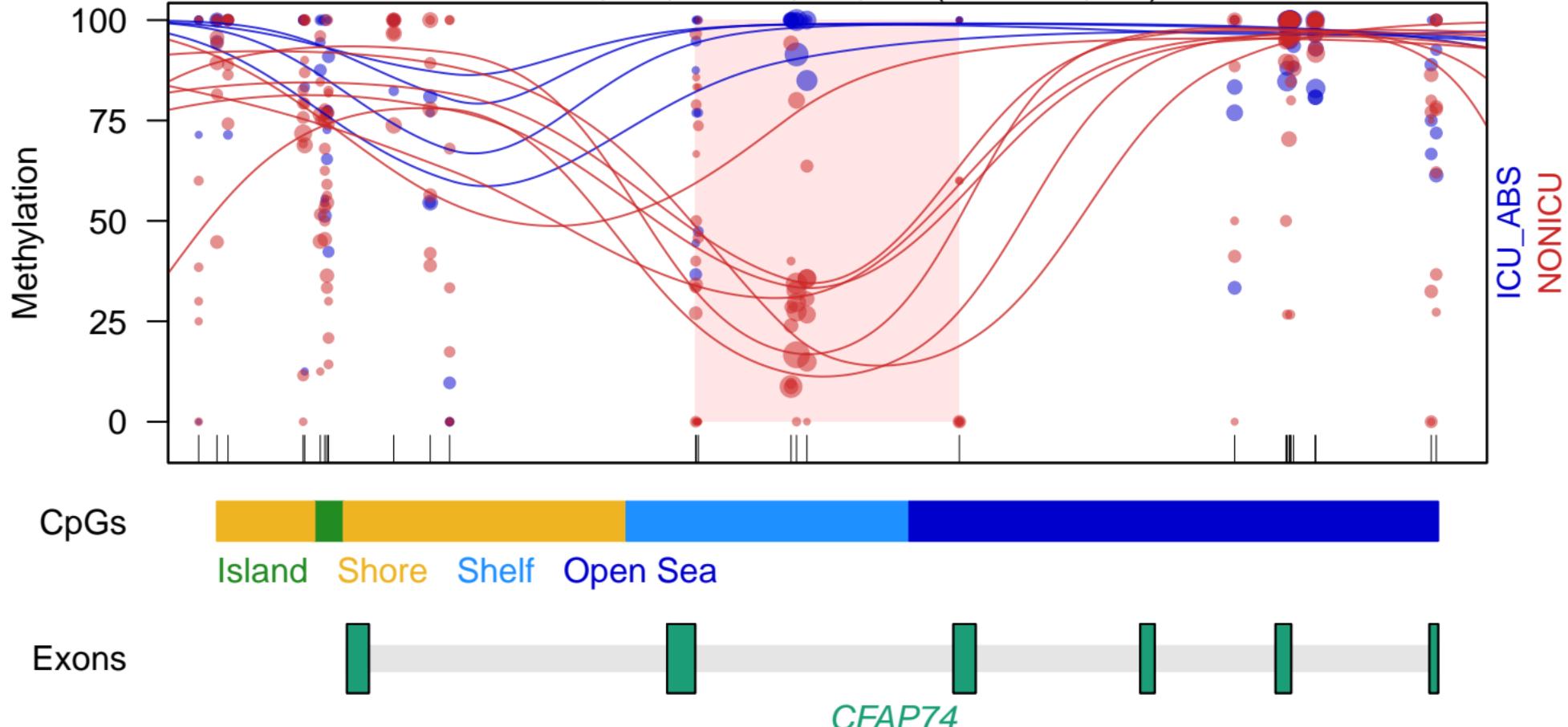
CpGs



Exons

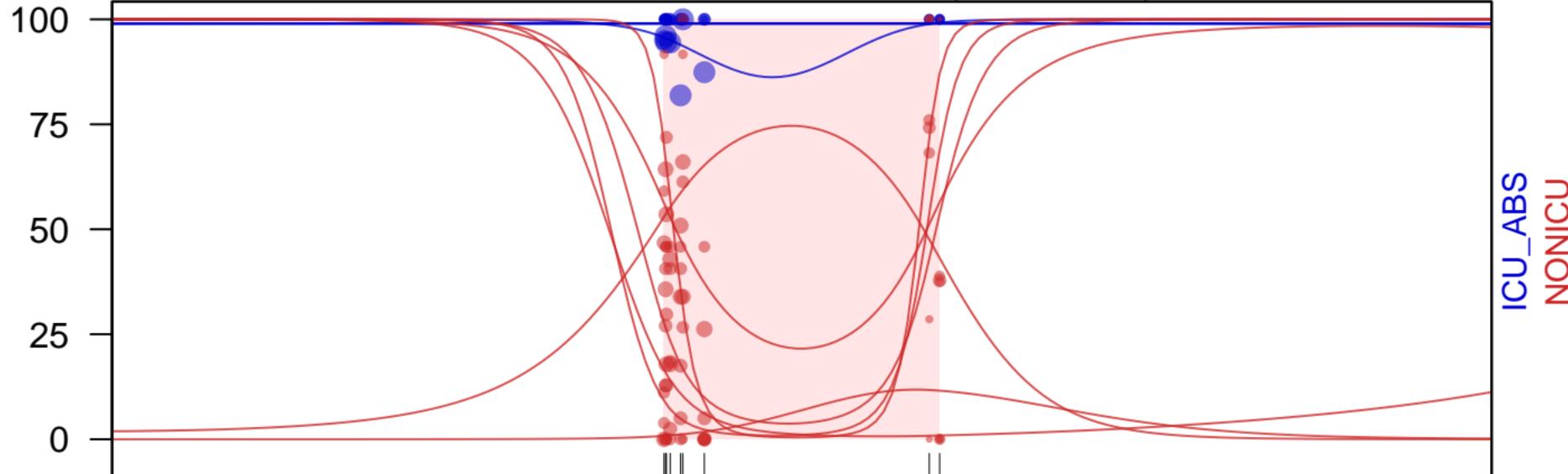


chr1: 1,968,906 – 1,970,632 (width = 1,727)



chr1: 39,073,956 – 39,074,674 (width = 719)

Methylation

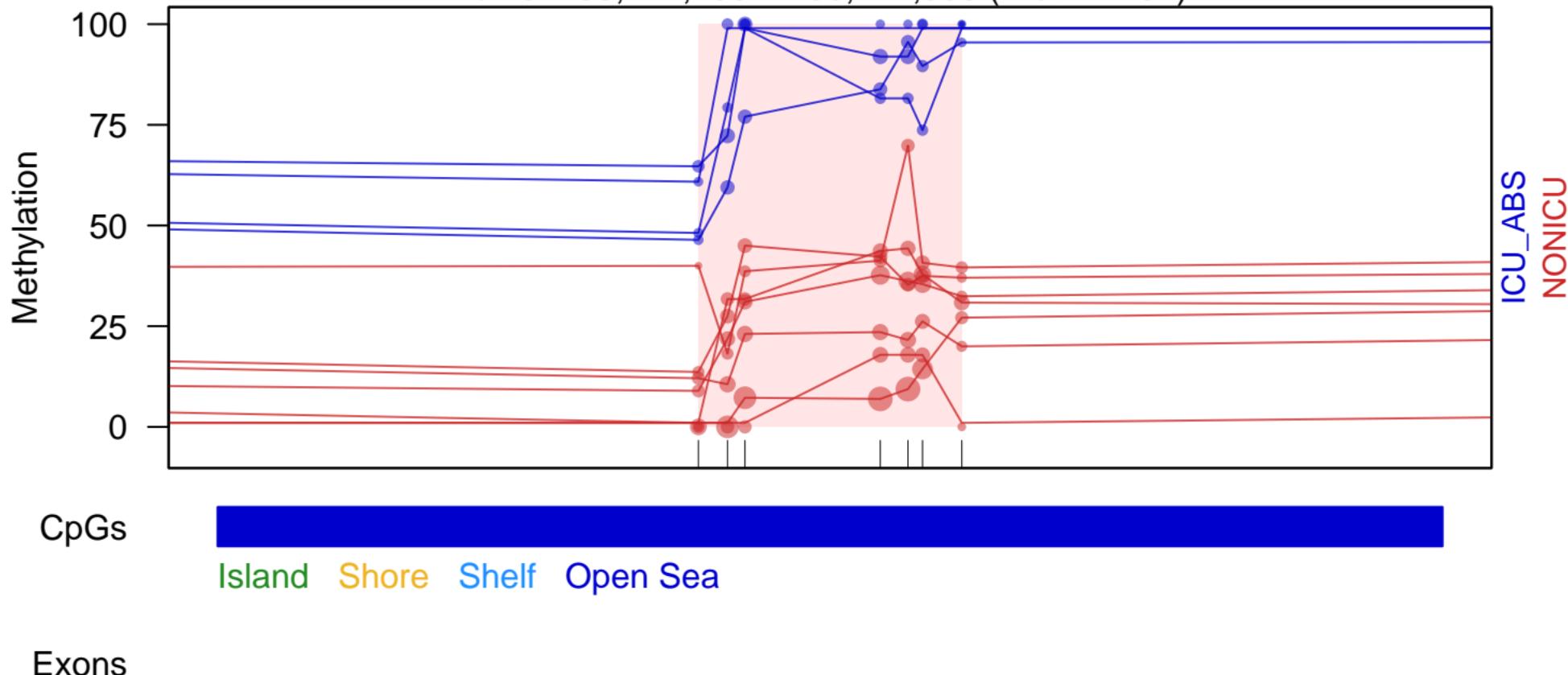


CpGs

Island Shore Shelf Open Sea

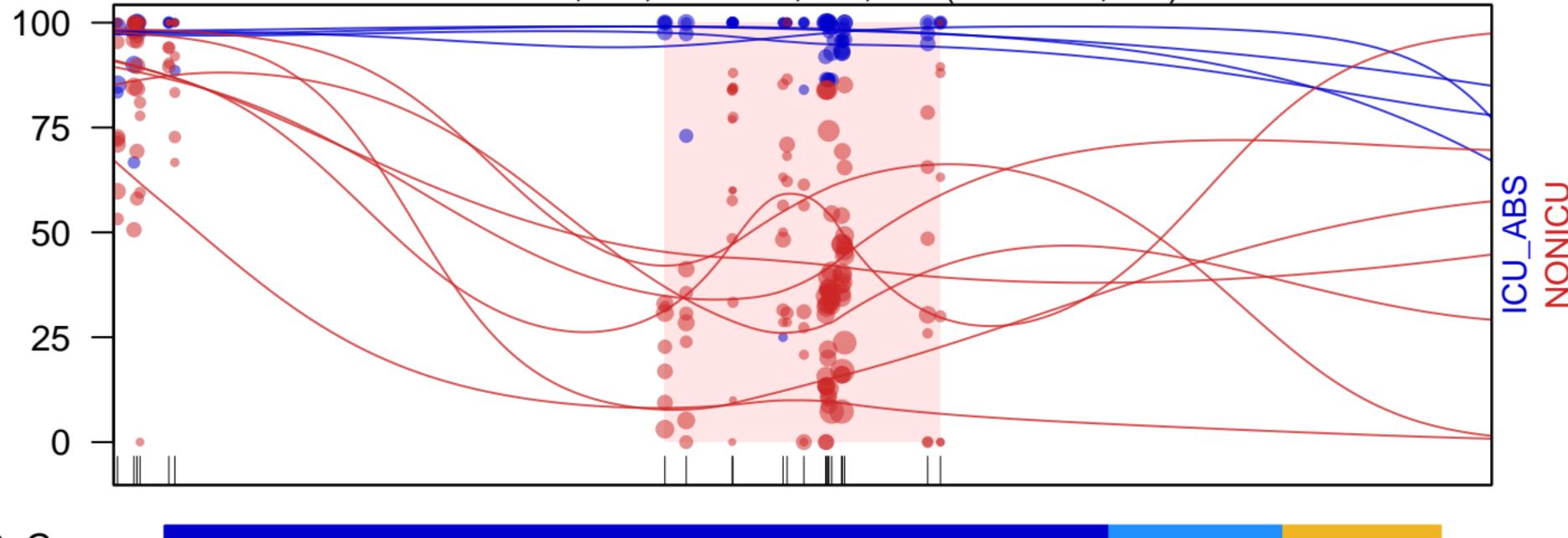
Exons

chr5: 135,247,158 – 135,247,339 (width = 182)



chr19: 10,616,353 – 10,619,287 (width = 2,935)

Methylation



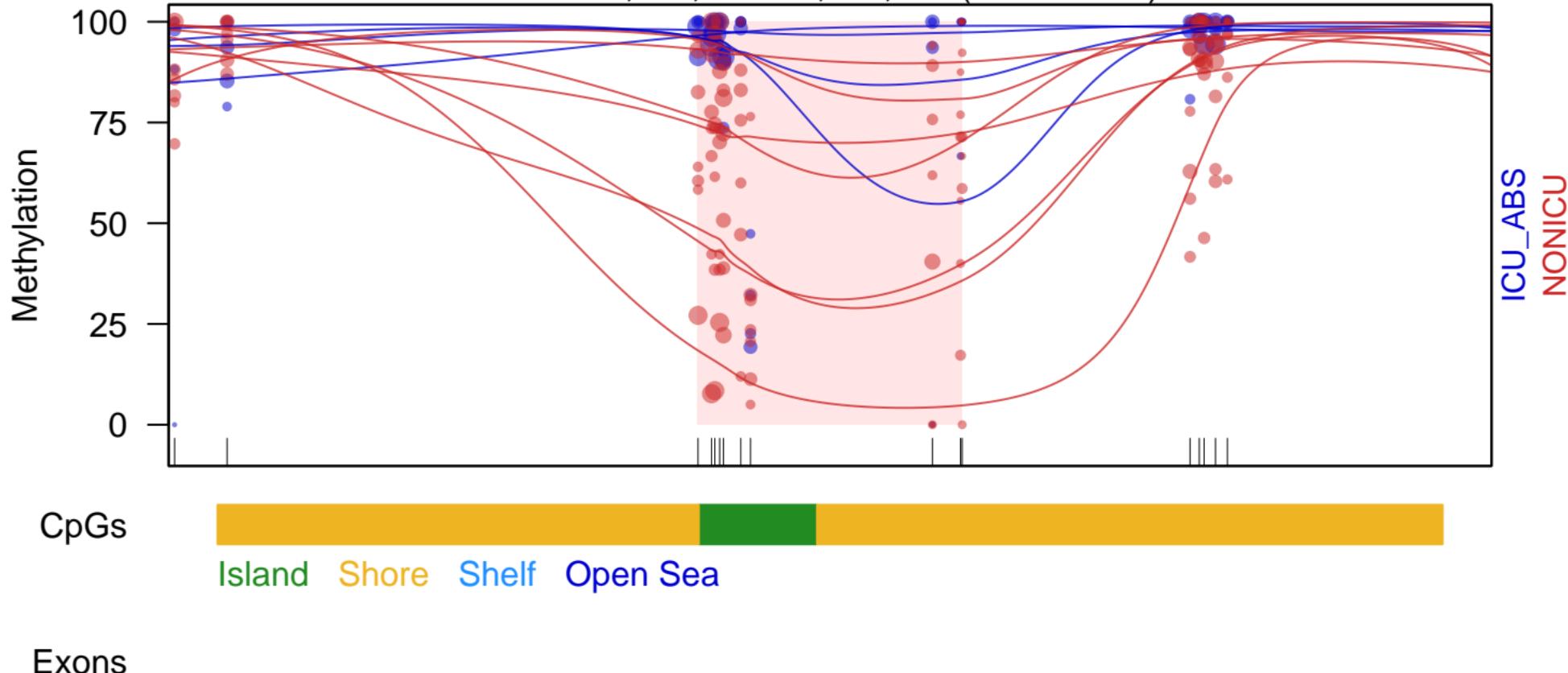
CpGs

Island Shore Shelf Open Sea

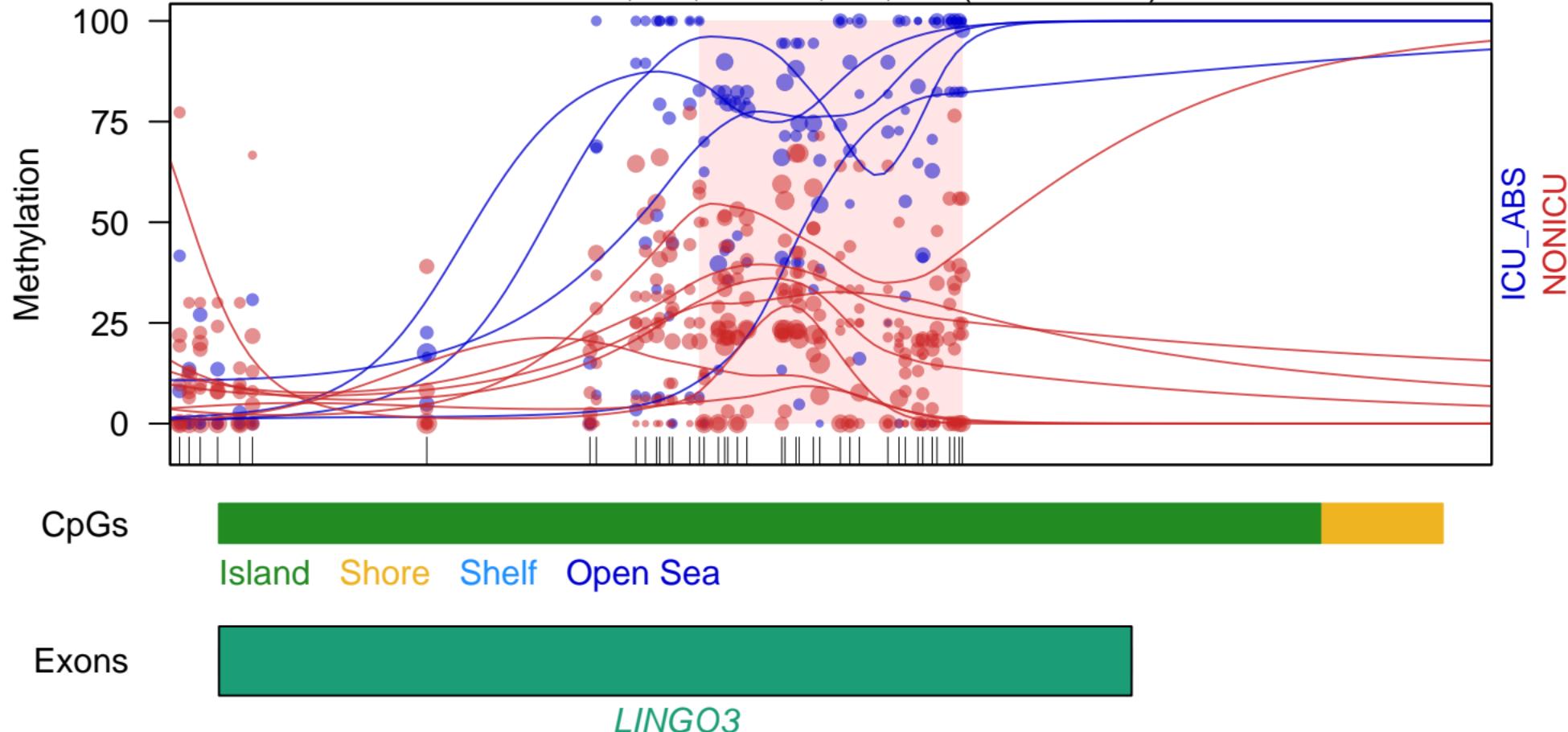
Exons

ICU_ABS
NONICU

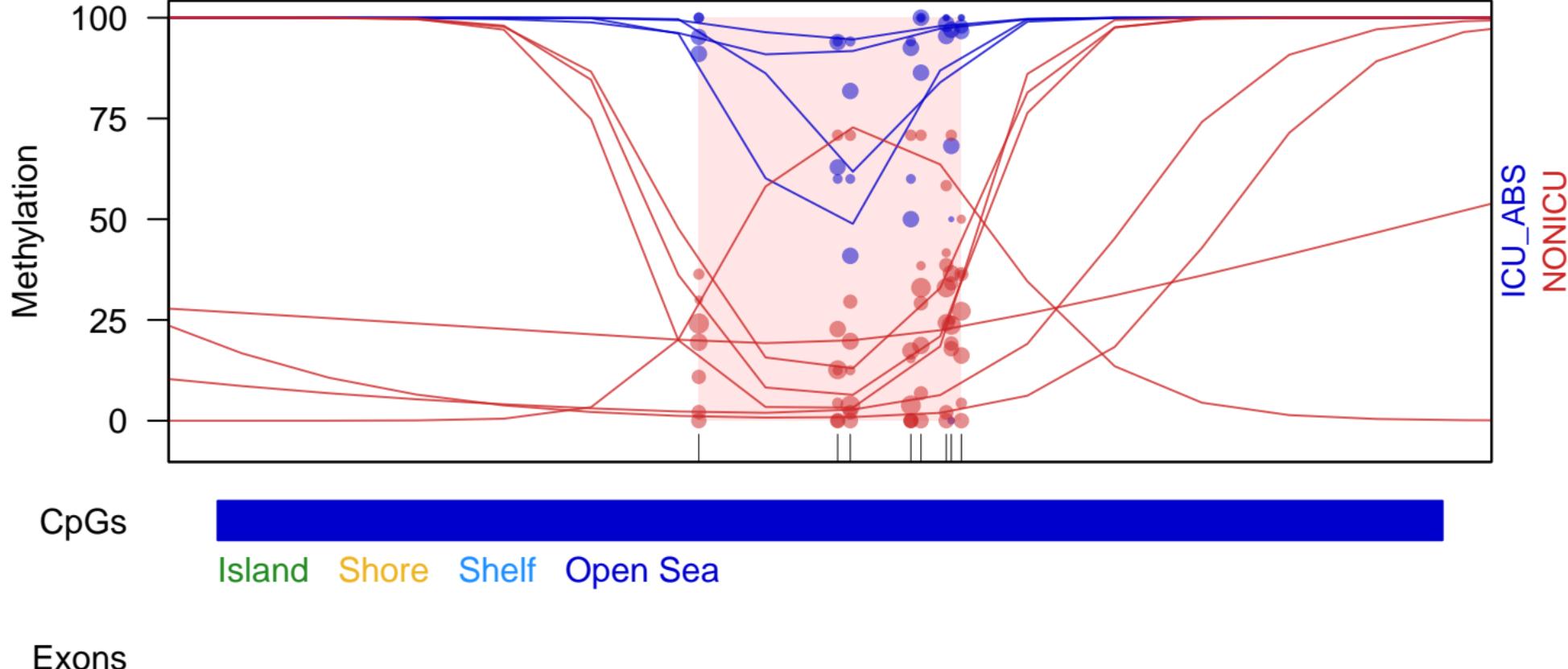
chr19: 1,152,033 – 1,152,521 (width = 489)



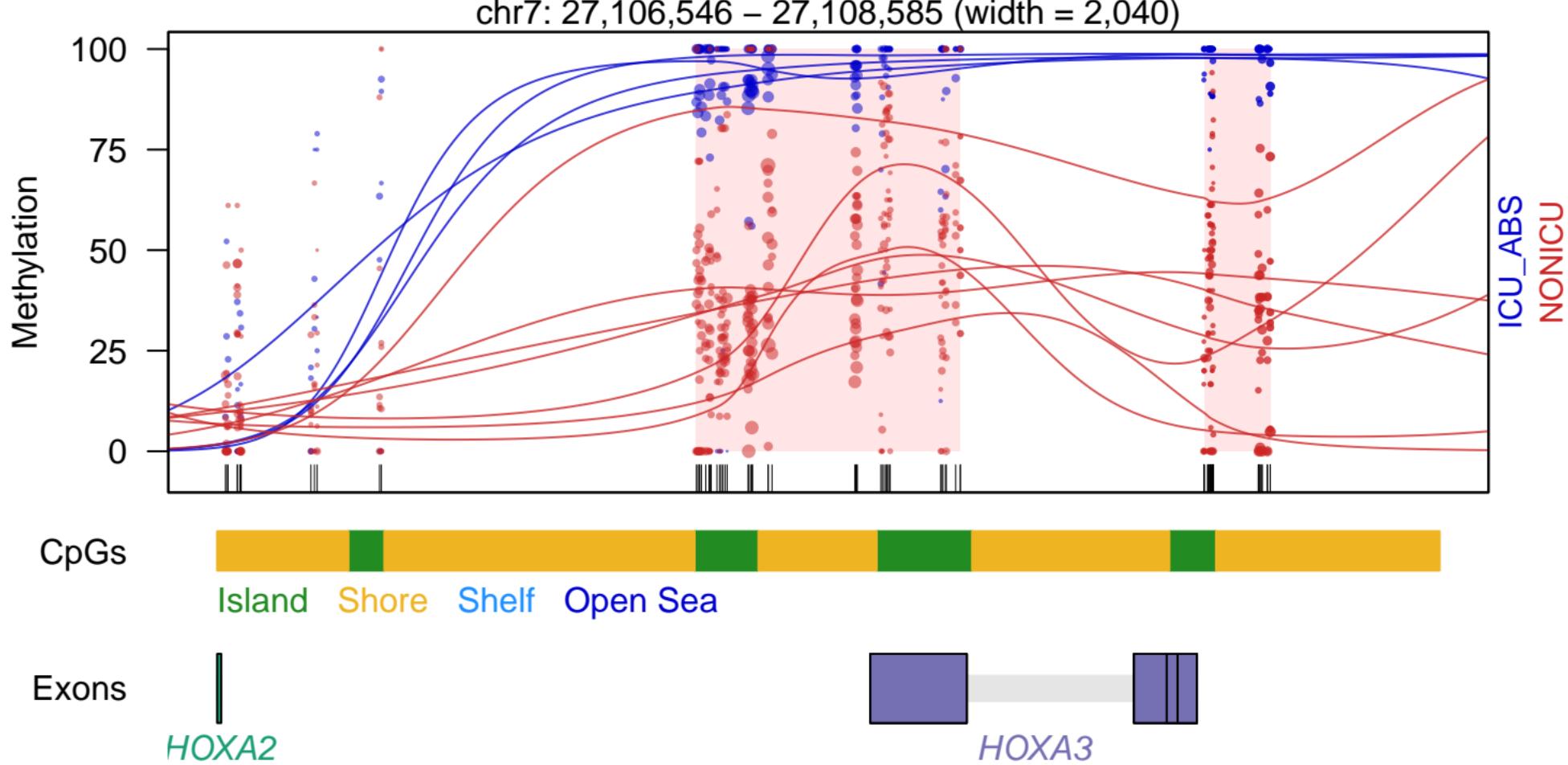
chr19: 2,291,488 – 2,291,654 (width = 167)



chr17: 40,224,437 – 40,224,541 (width = 105)

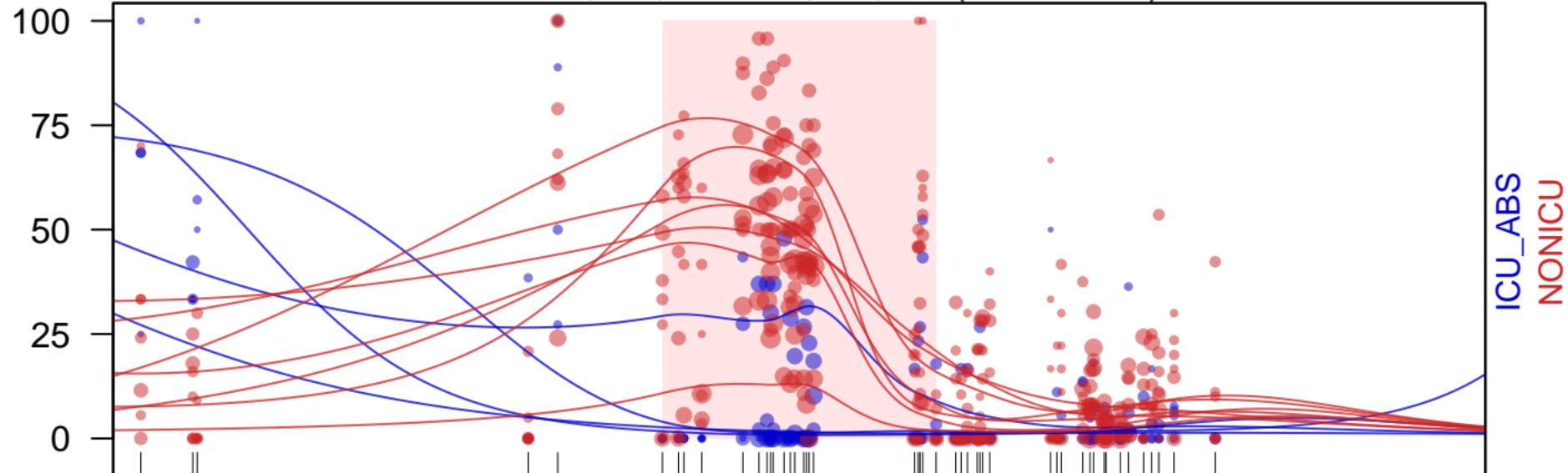


chr7: 27,106,546 – 27,108,585 (width = 2,040)



chr22: 50,184,817 – 50,185,123 (width = 307)

Methylation

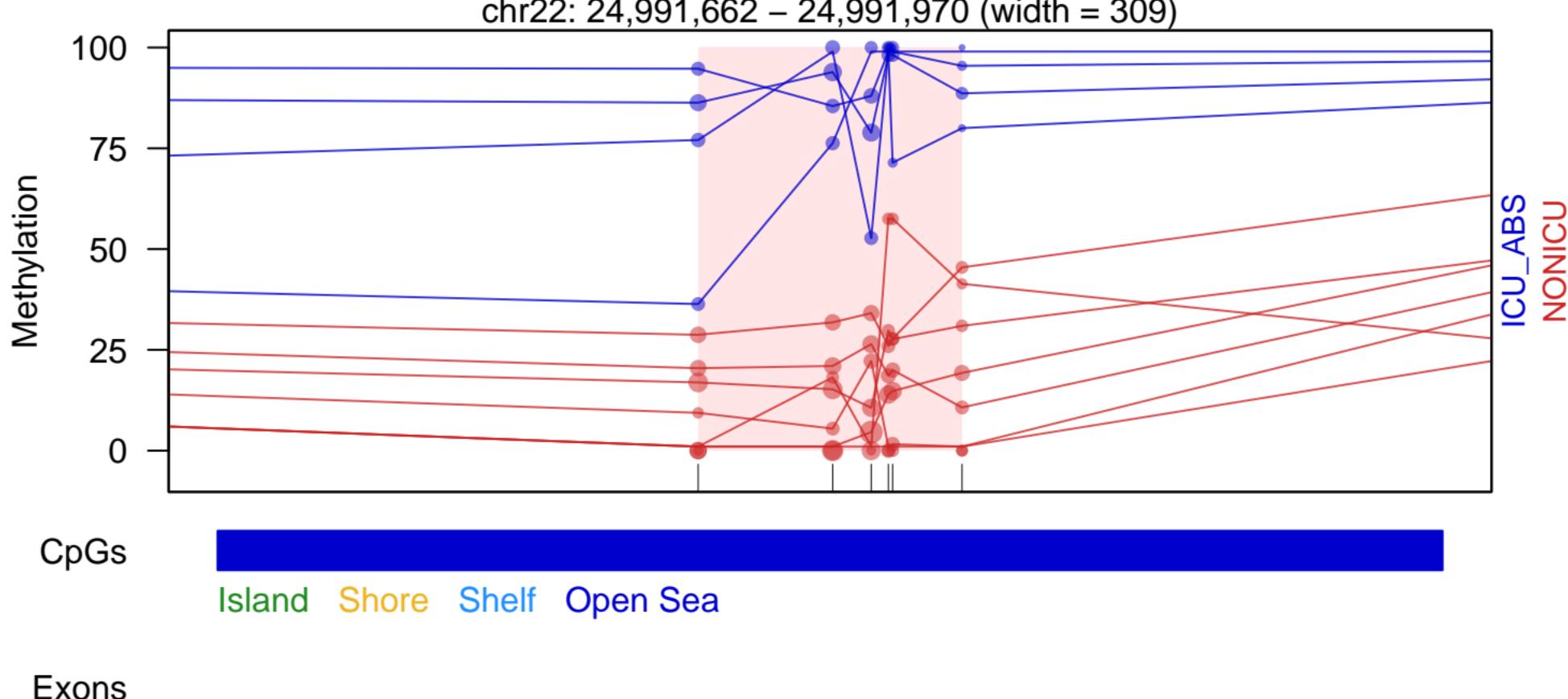


CpGs



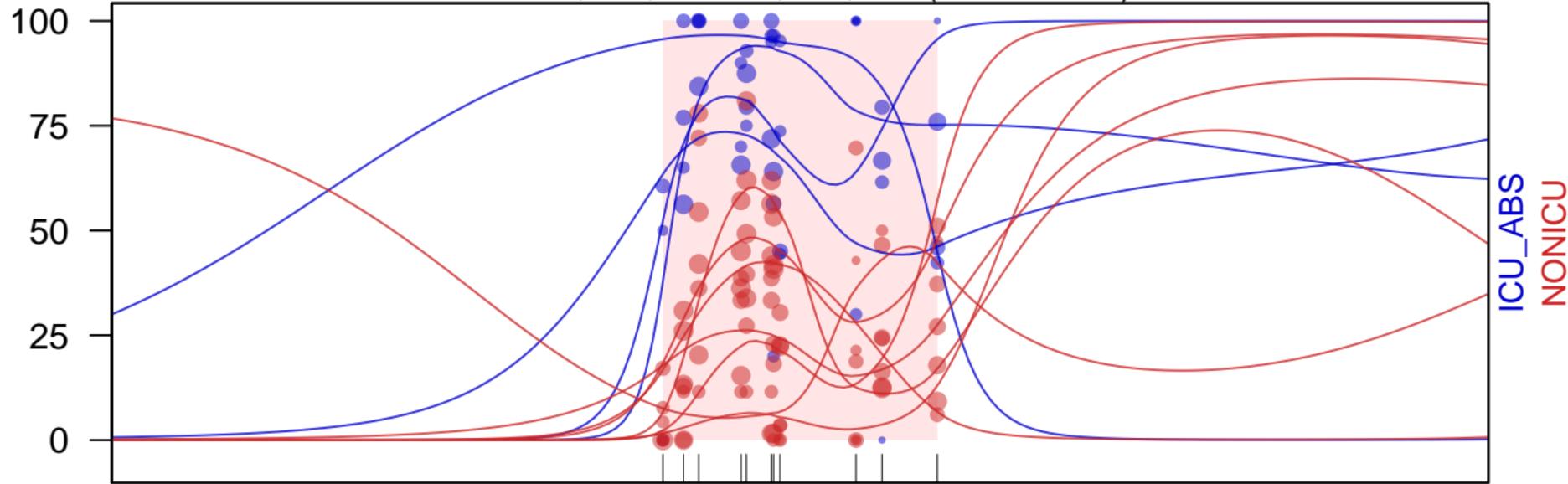
Exons

chr22: 24,991,662 – 24,991,970 (width = 309)



chr4: 1,462,075 – 1,462,328 (width = 254)

Methylation



CpGs

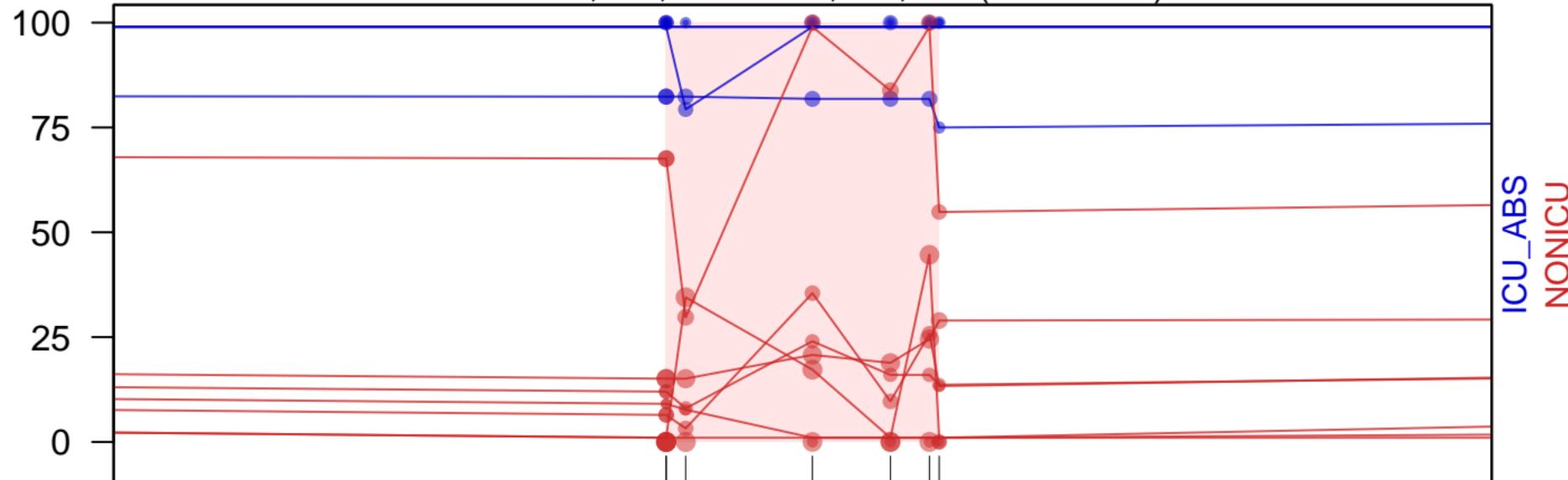
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr7: 158,016,246 – 158,016,330 (width = 85)

Methylation



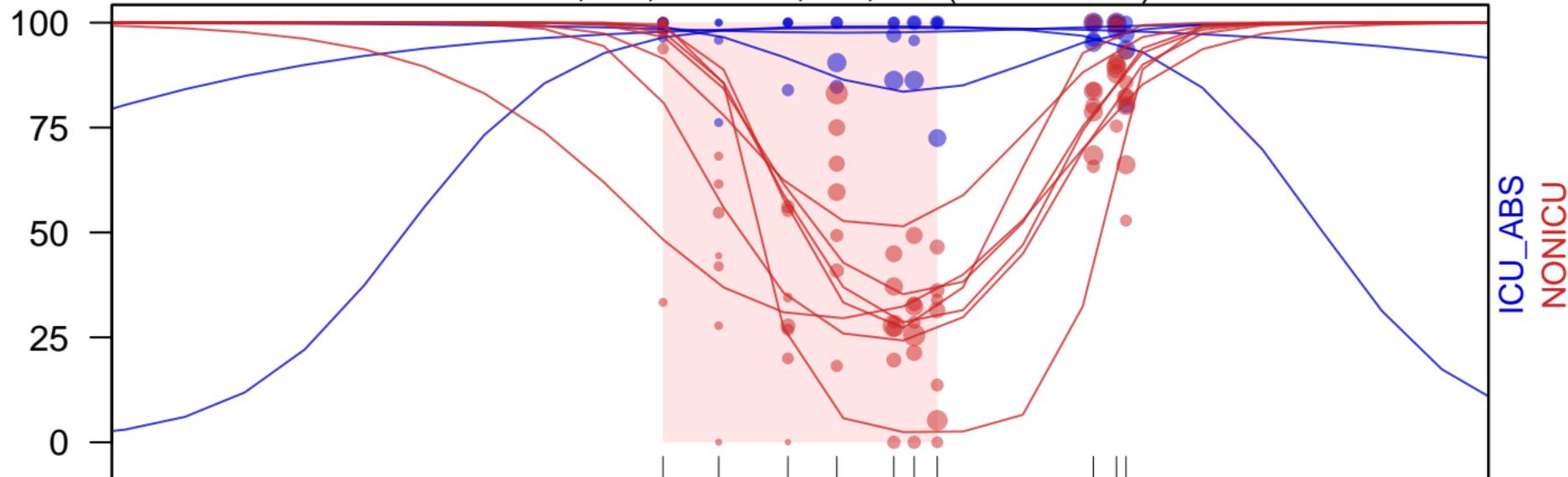
CpGs

Island Shore Shelf Open Sea

Exons

chr6: 31,941,570 – 31,941,772 (width = 203)

Methylation



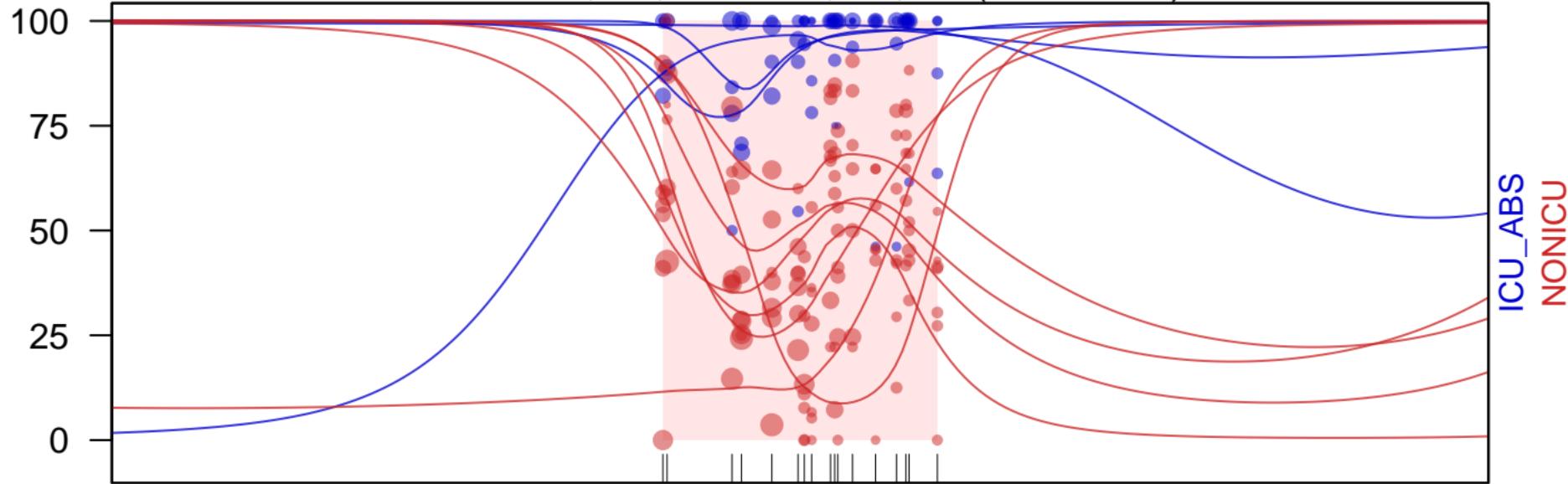
CpGs

Island Shore Shelf Open Sea

Exons

chr12: 132,457,034 – 132,457,296 (width = 263)

Methylation



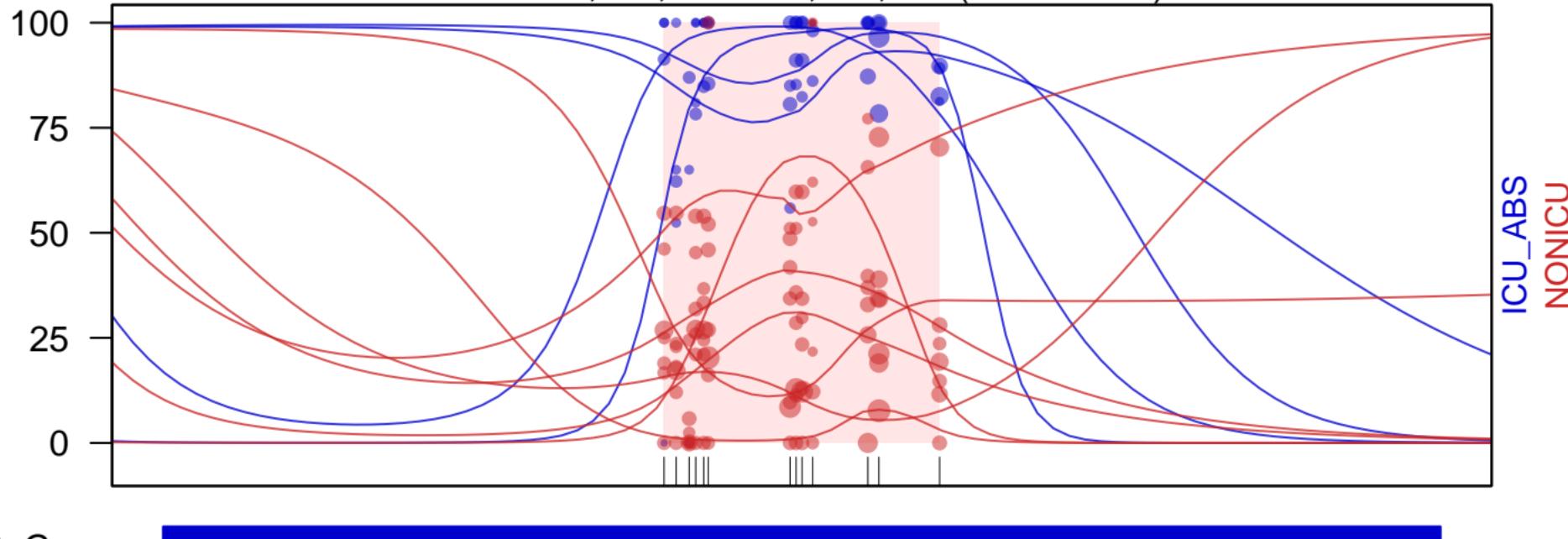
CpGs

Island Shore Shelf Open Sea

Exons

chr11: 71,615,201 – 71,615,750 (width = 550)

Methylation



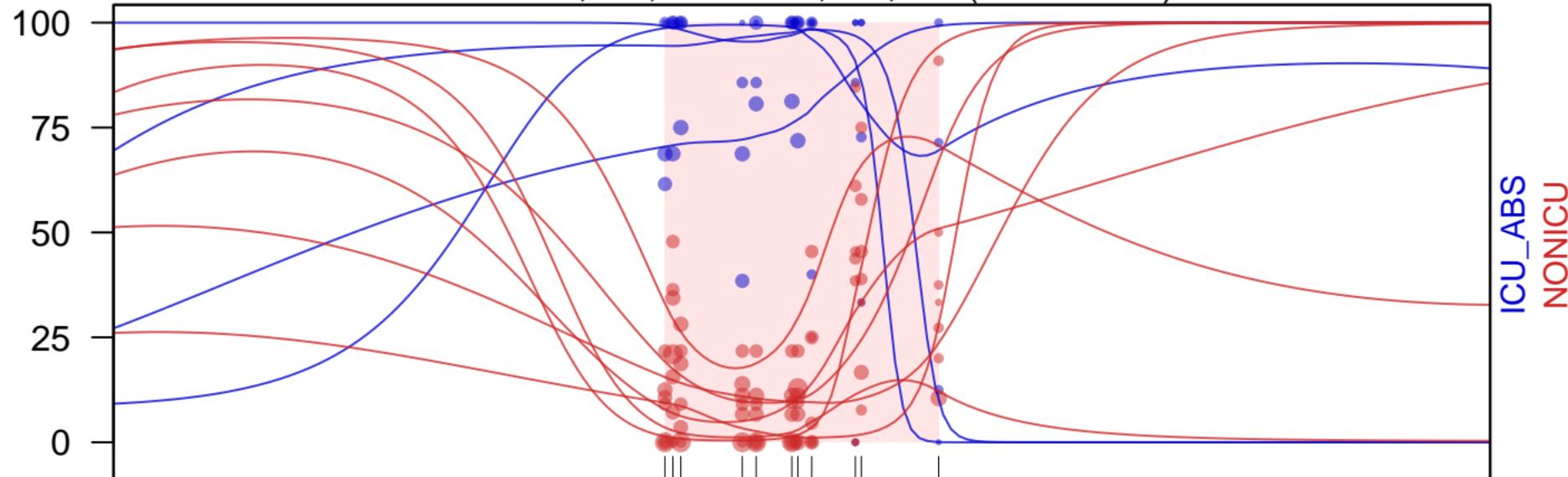
CpGs

Island Shore Shelf Open Sea

Exons

chr9: 136,108,134 – 136,108,272 (width = 139)

Methylation

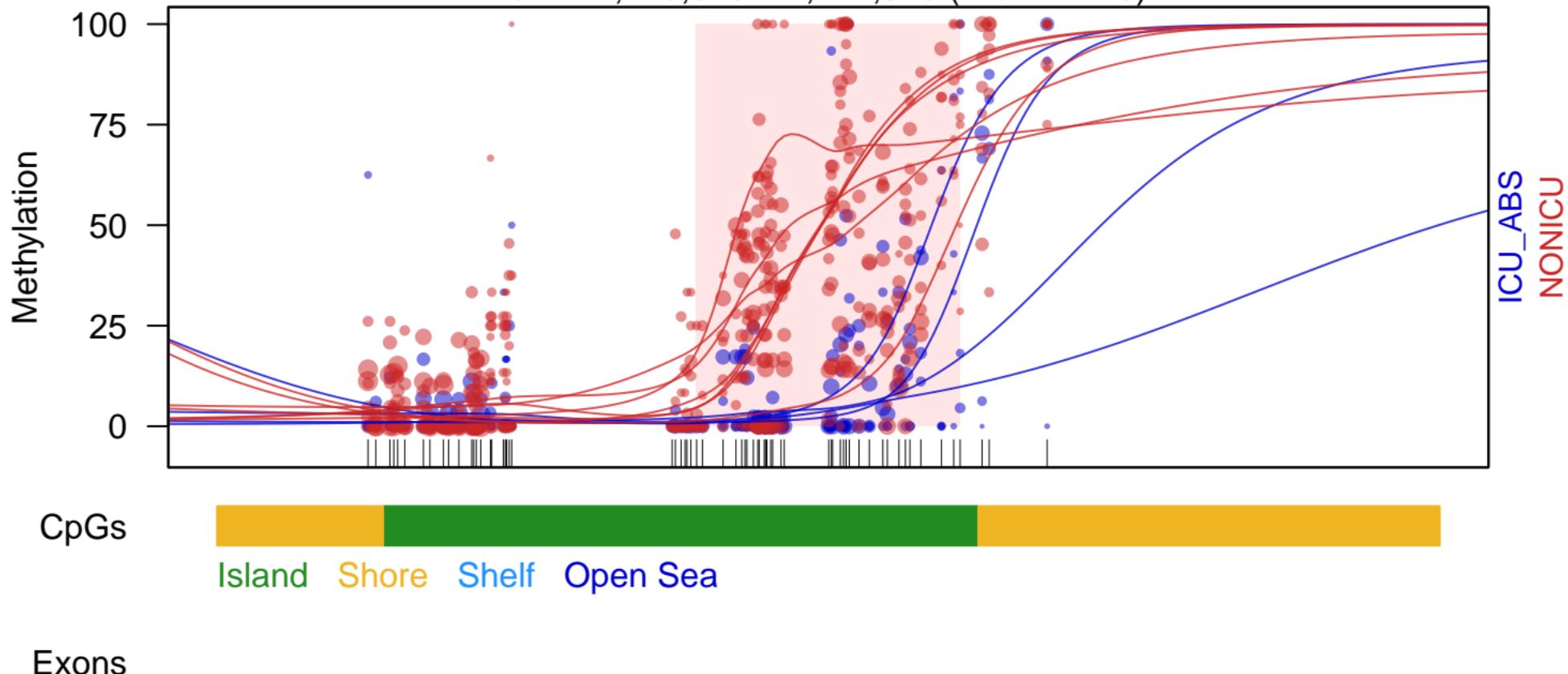


CpGs

Island Shore Shelf Open Sea

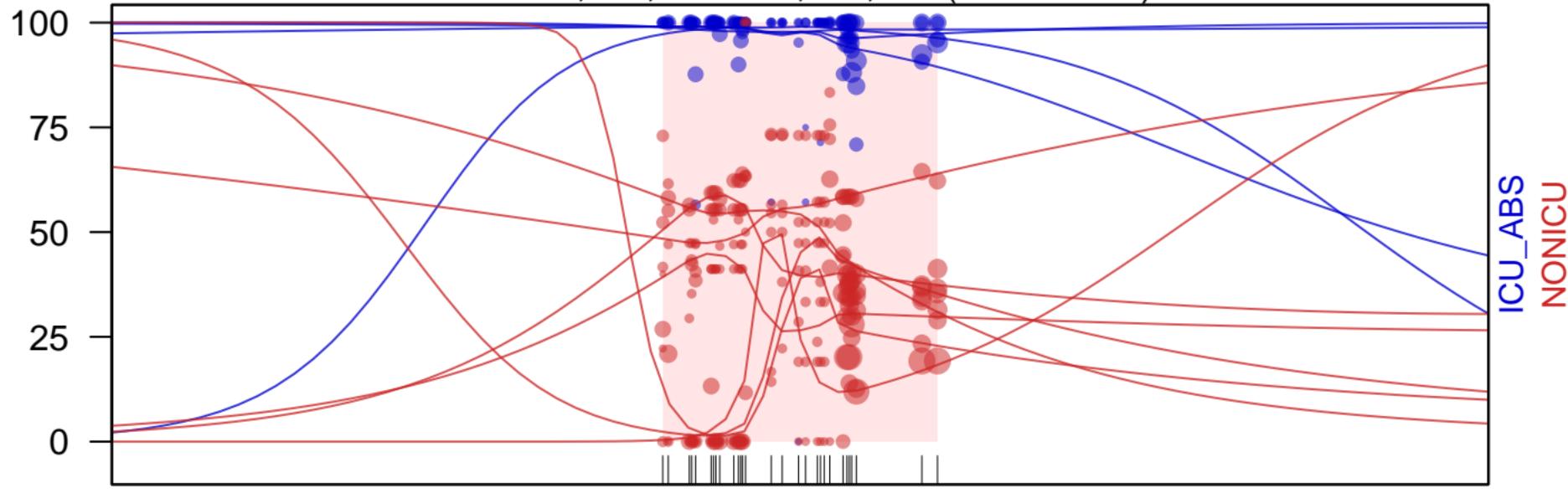
Exons

chr1: 2,443,920 – 2,444,329 (width = 410)



chr1: 44,617,168 – 44,617,520 (width = 353)

Methylation



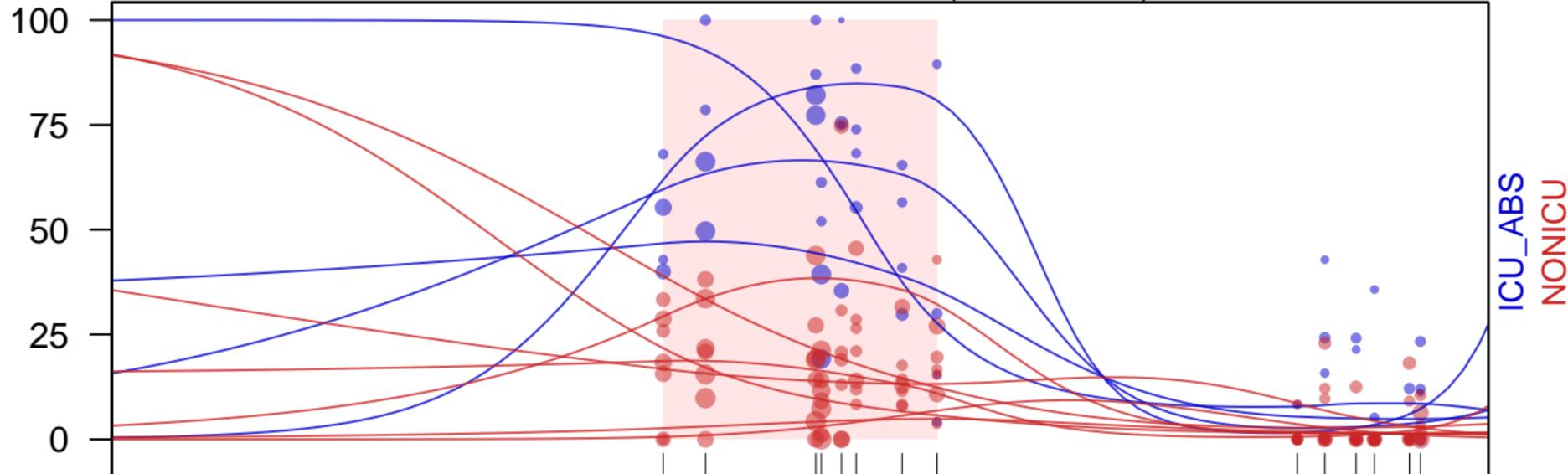
CpGs



Exons

chr8: 11,465,942 – 11,466,091 (width = 150)

Methylation



CpGs

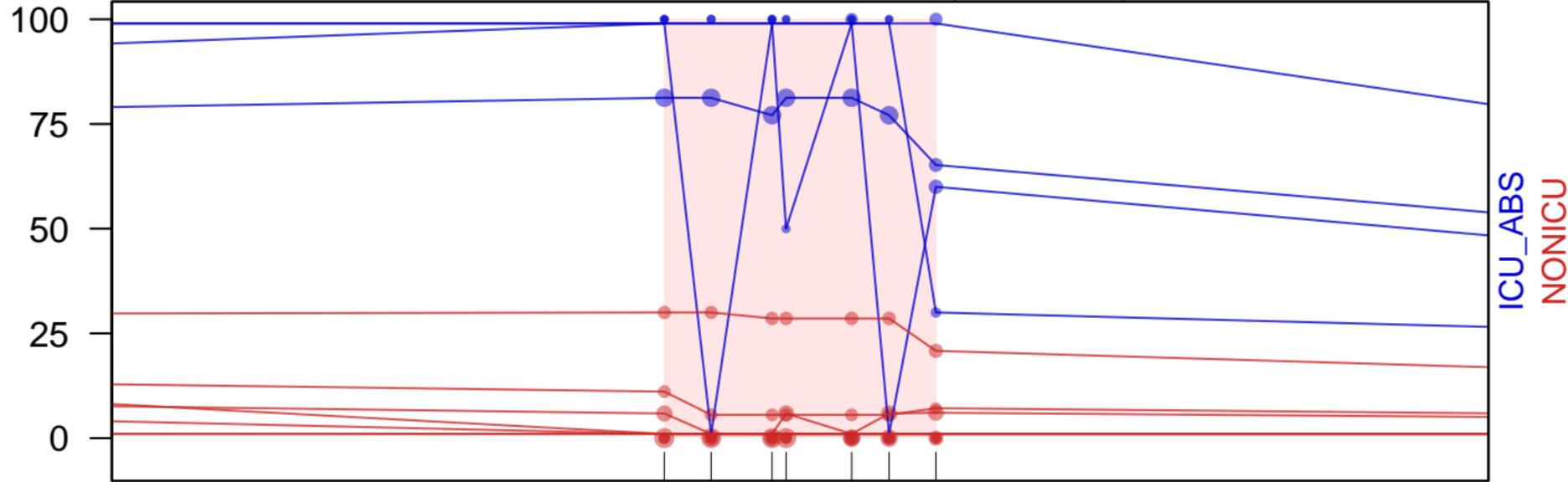
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr16: 4,935,708 – 4,935,766 (width = 59)

Methylation



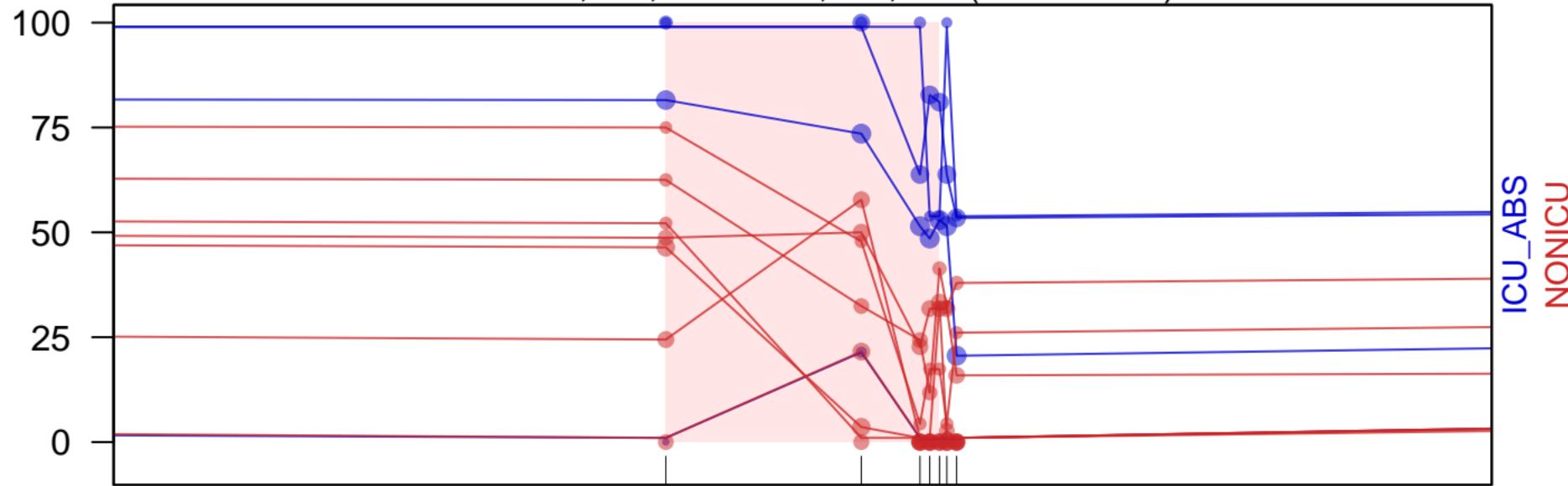
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 173,449,193 – 173,449,305 (width = 113)

Methylation



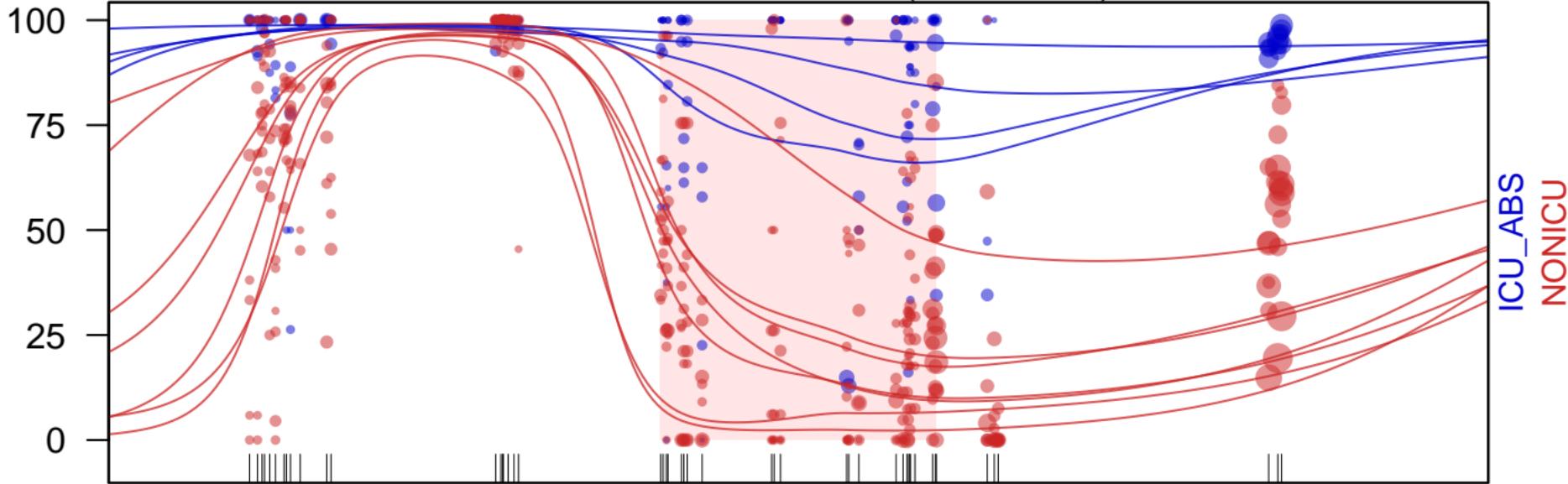
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 782,402 – 783,306 (width = 905)

Methylation



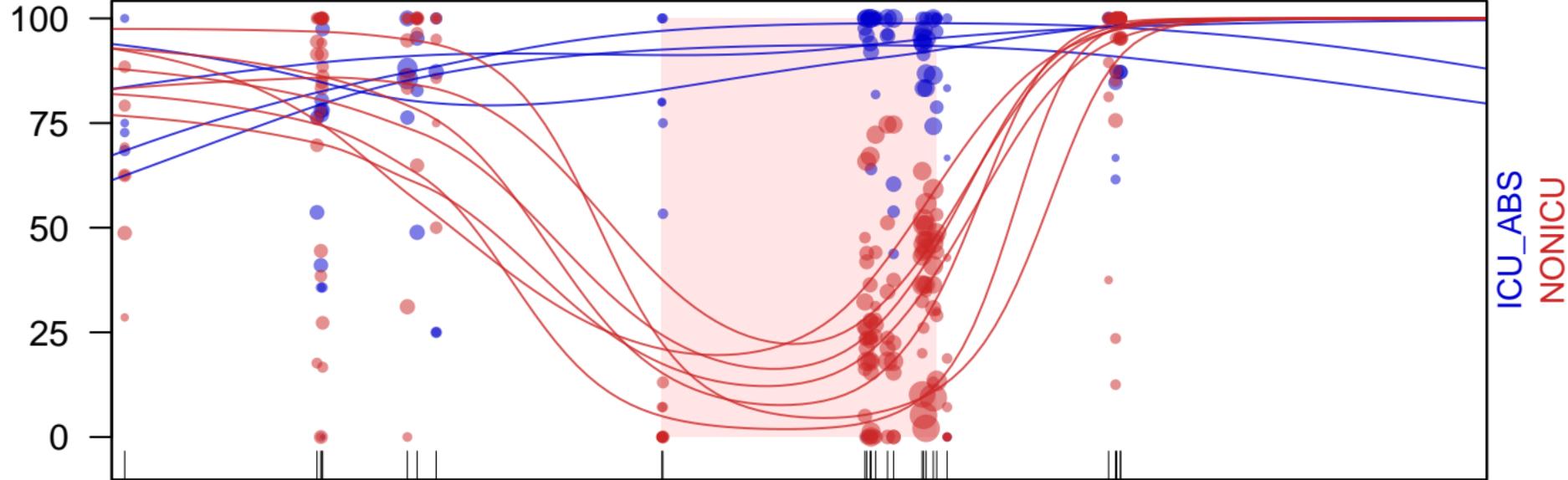
CpGs

Island Shore Shelf Open Sea

Exons

chr7: 158,000,626 – 158,001,894 (width = 1,269)

Methylation



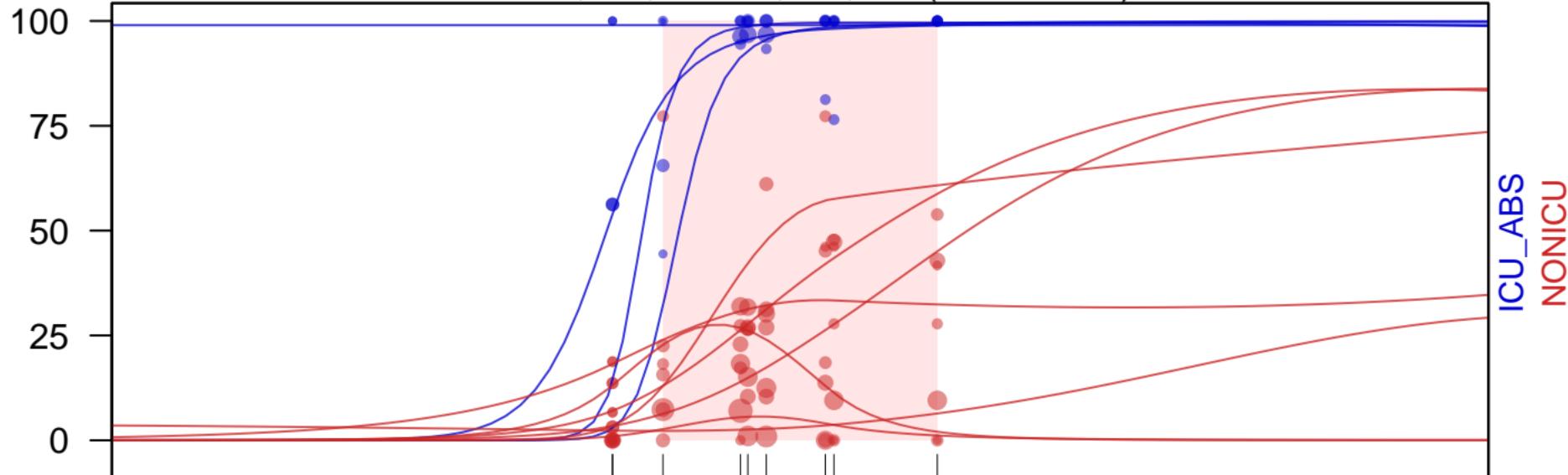
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 9,843,015 – 9,843,238 (width = 224)

Methylation



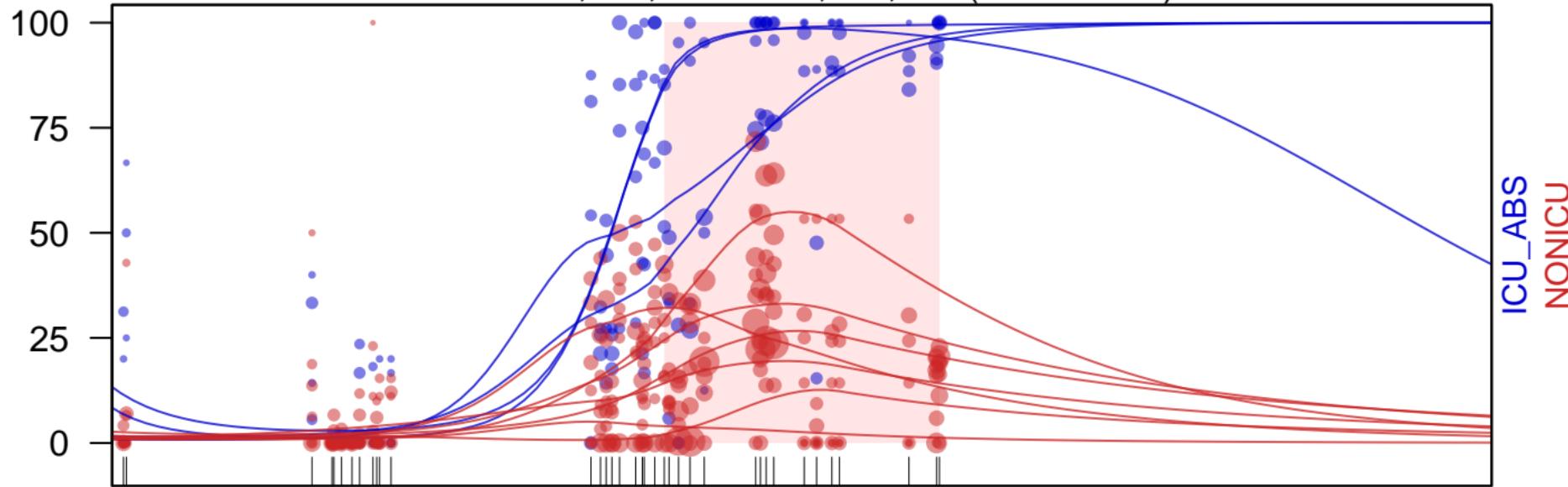
CpGs

Island Shore Shelf Open Sea

Exons

chr3: 184,562,748 – 184,563,037 (width = 290)

Methylation



CpGs



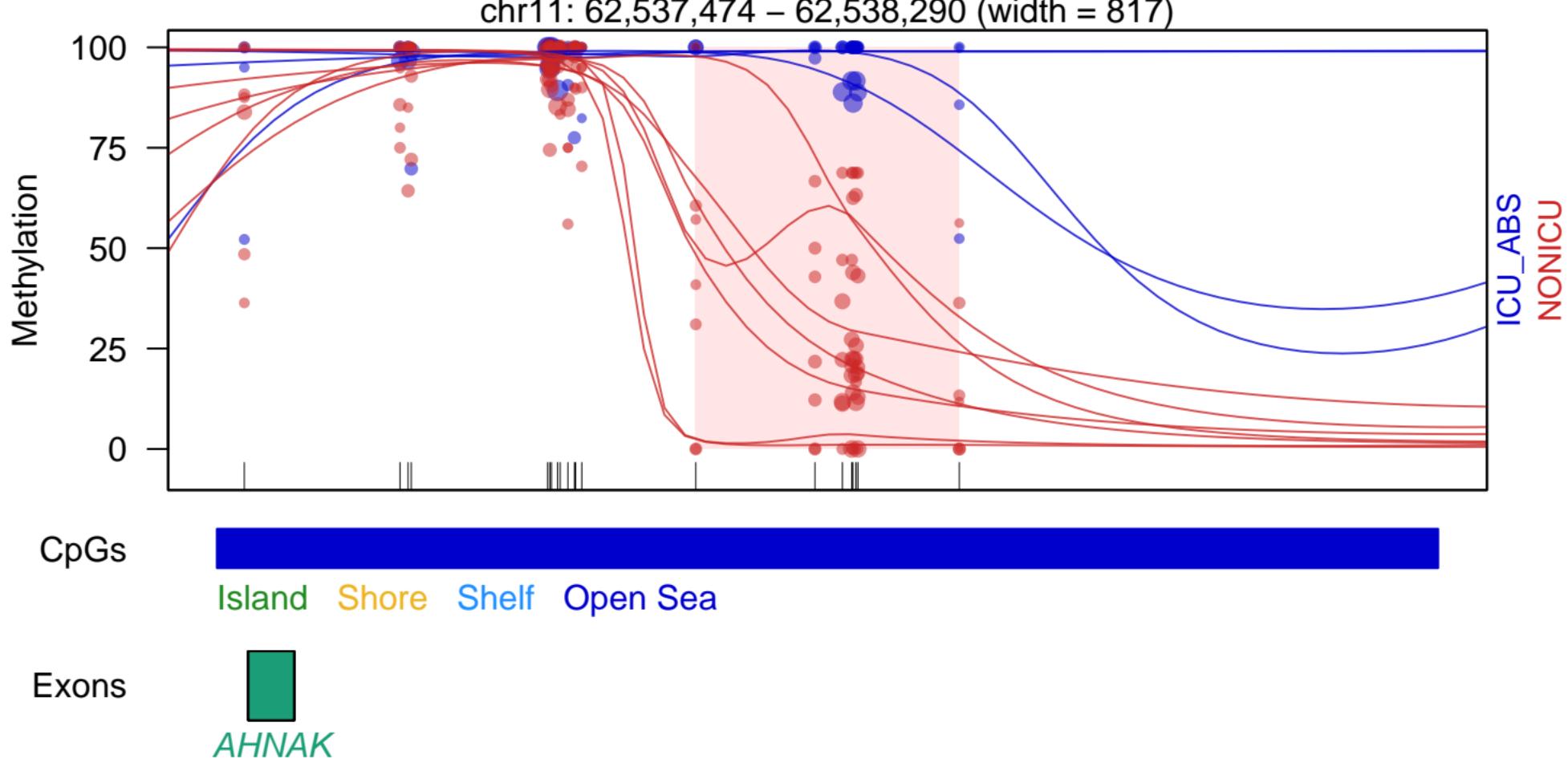
Island Shore Shelf Open Sea

Exons



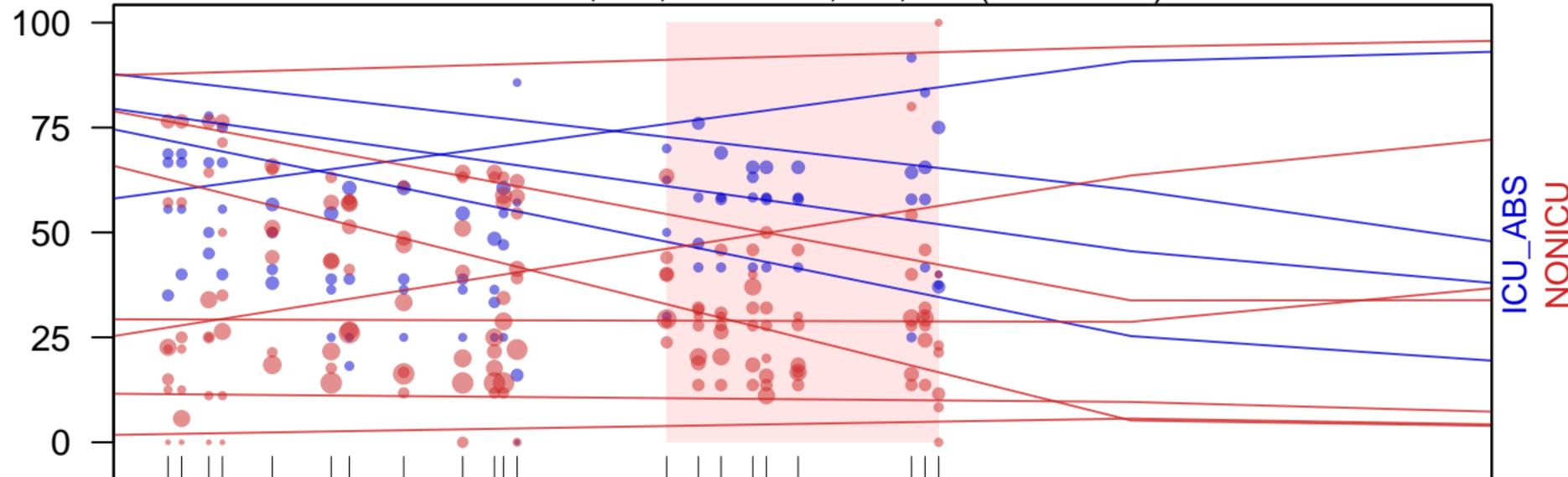
EPHB3

chr11: 62,537,474 – 62,538,290 (width = 817)



chr4: 143,912,290 – 143,912,350 (width = 61)

Methylation



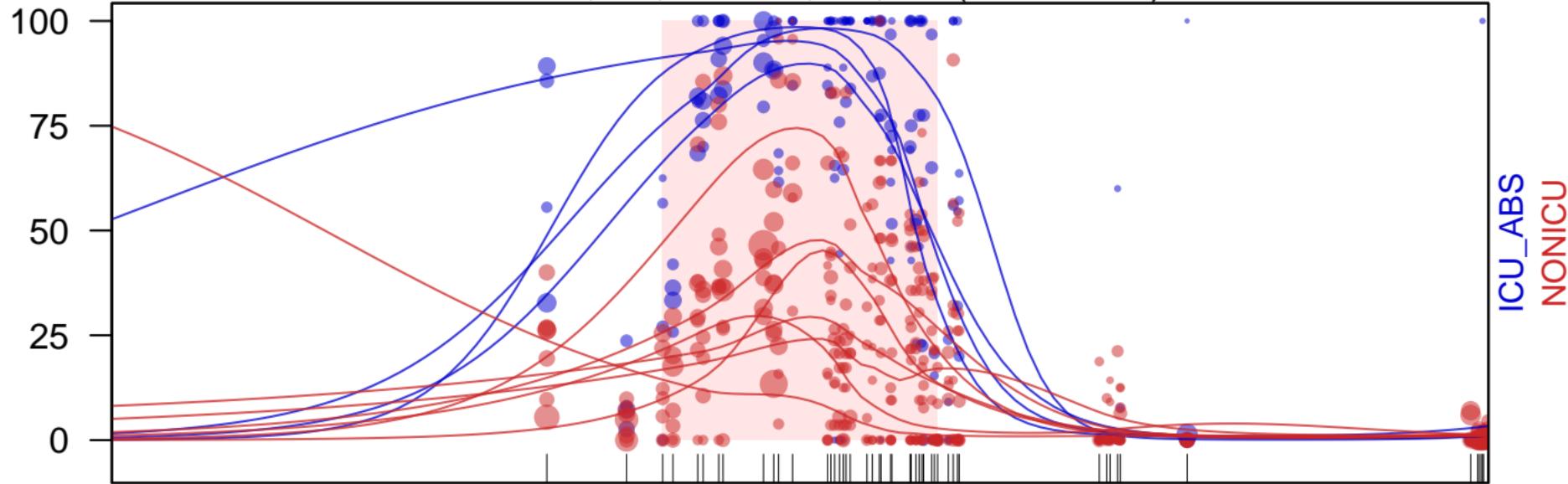
CpGs

Island Shore Shelf Open Sea

Exons

chr15: 89,999,973 – 90,000,483 (width = 511)

Methylation



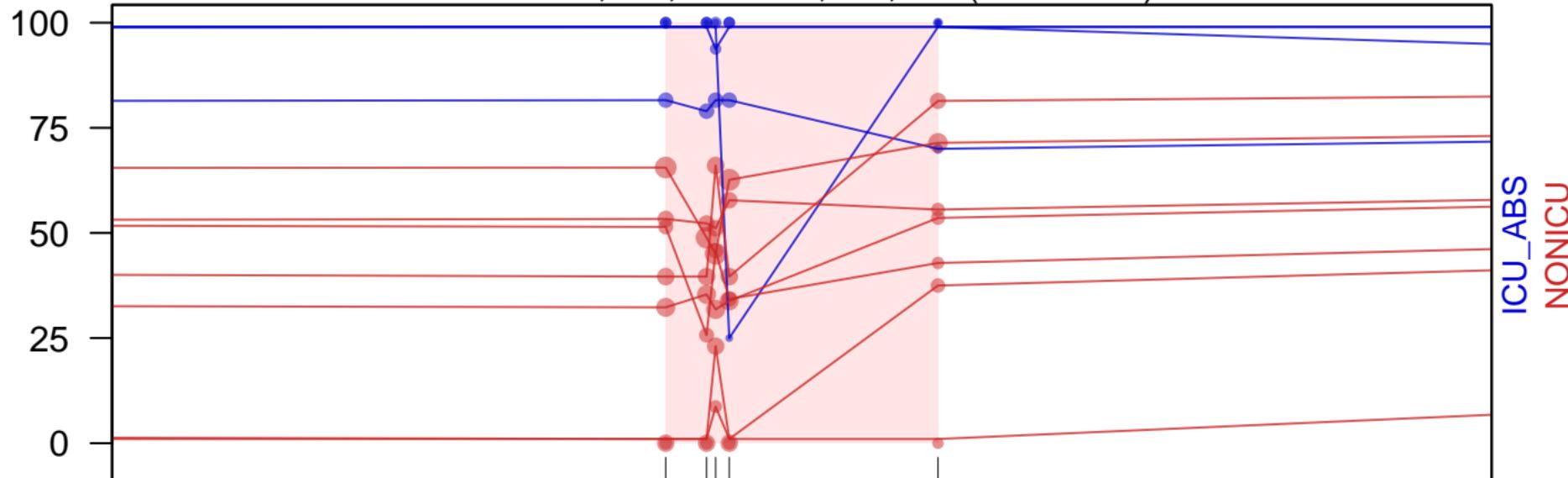
CpGs

Island Shore Shelf Open Sea

Exons

chr20: 57,698,675 – 57,698,735 (width = 61)

Methylation



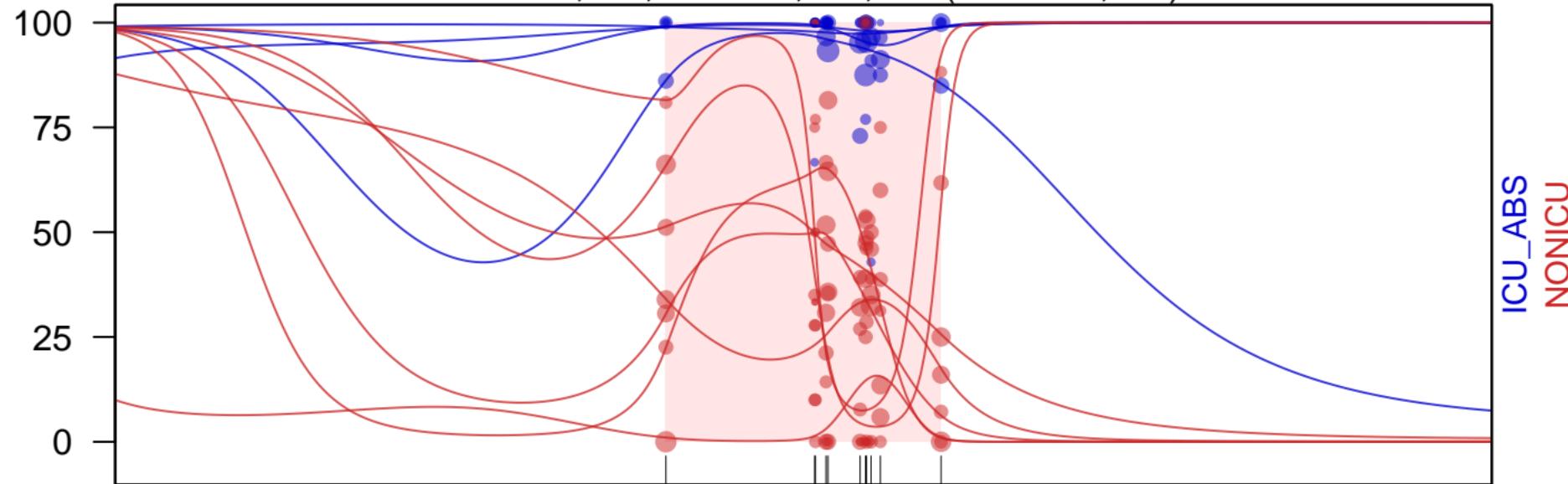
CpGs

Island Shore Shelf Open Sea

Exons

chr11: 67,310,464 – 67,311,820 (width = 1,357)

Methylation



CpGs



Island Shore Shelf Open Sea

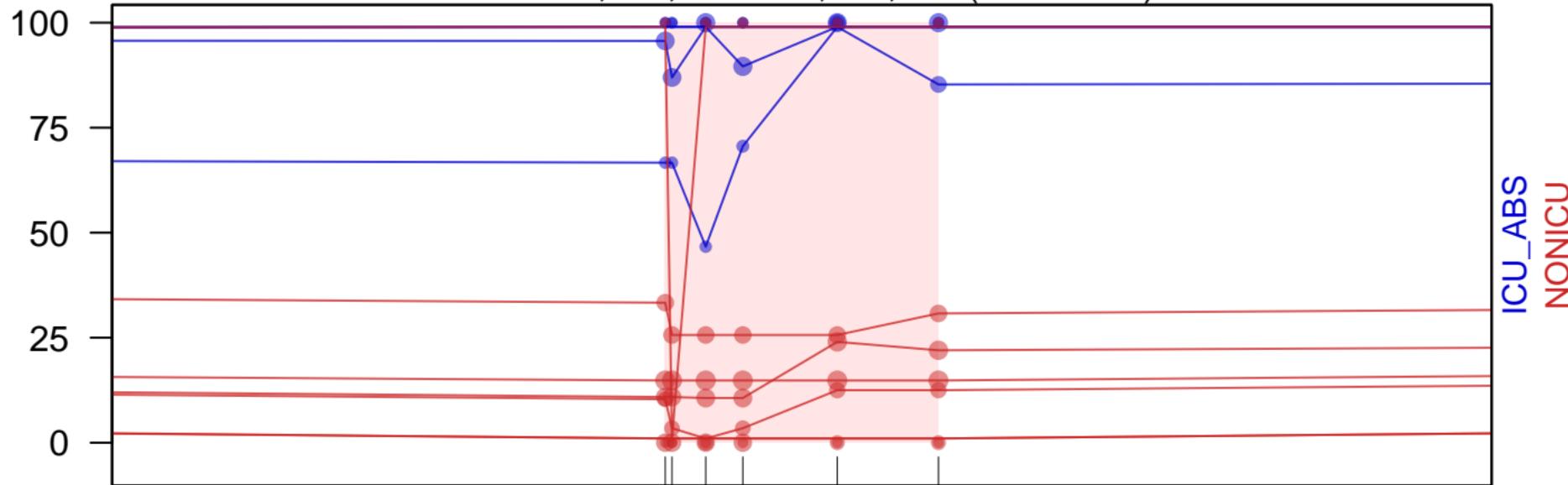
Exons



SSH3

chr15: 82,592,711 – 82,592,792 (width = 82)

Methylation



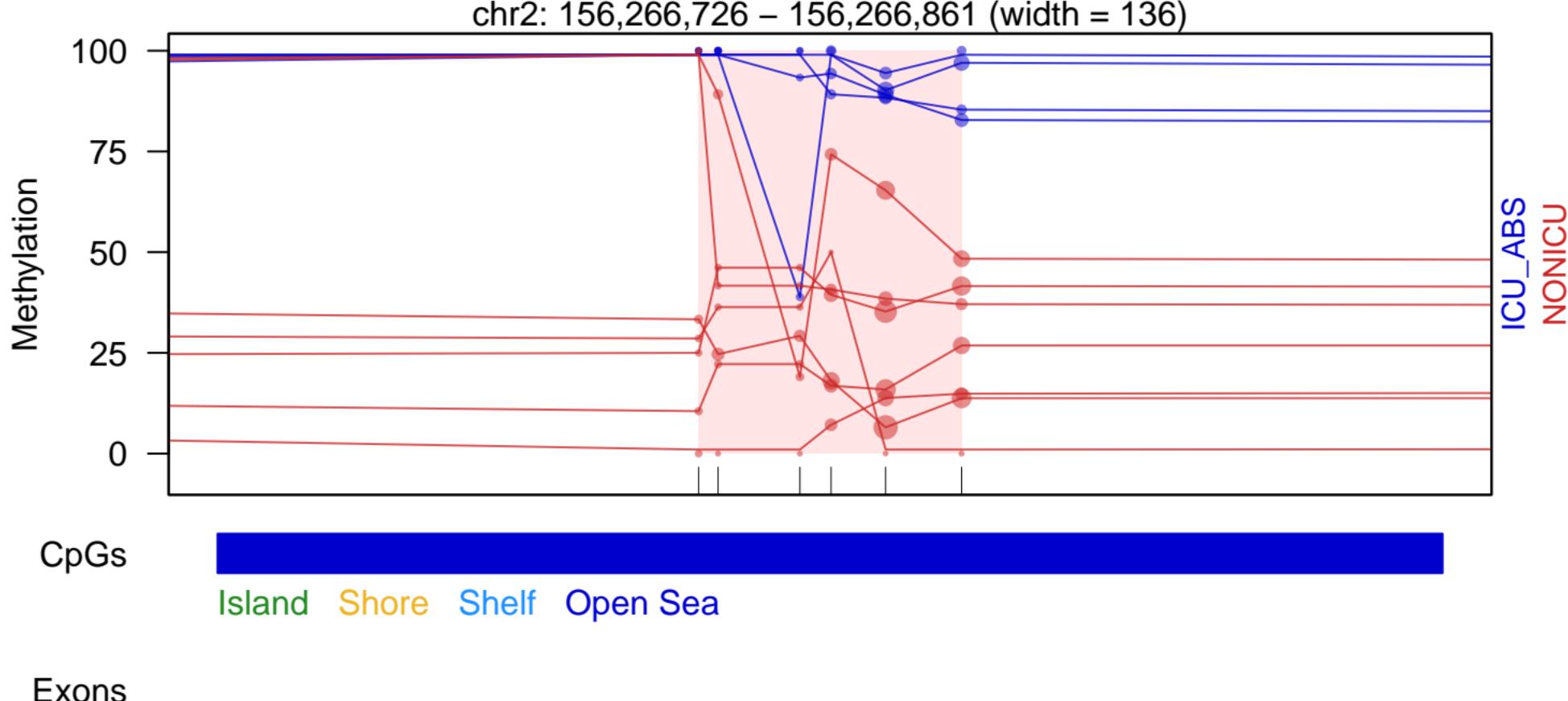
CpGs

Island Shore Shelf Open Sea

Exons

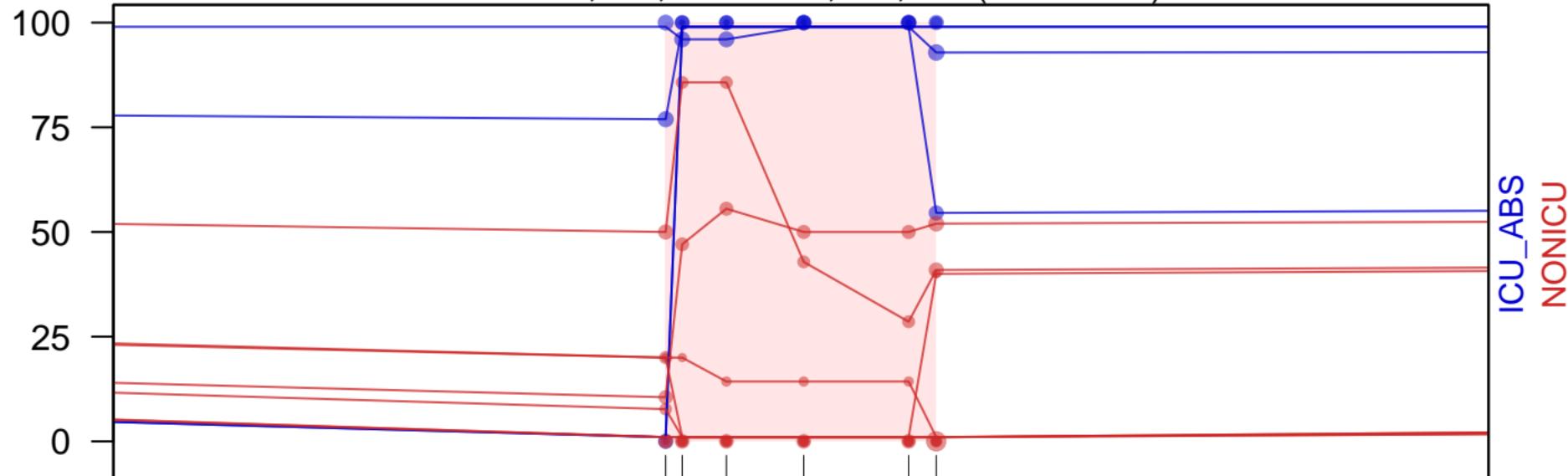
ICU_ABS
NONICU

chr2: 156,266,726 – 156,266,861 (width = 136)



chr2: 235,192,041 – 235,192,090 (width = 50)

Methylation



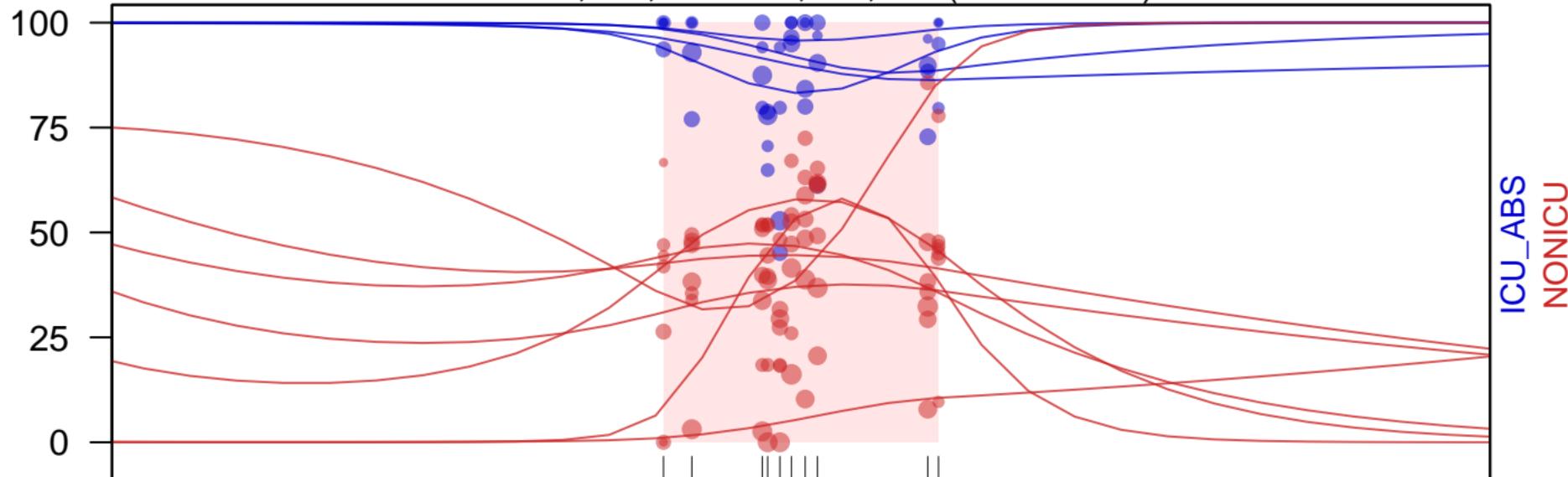
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 73,324,252 – 73,324,611 (width = 360)

Methylation



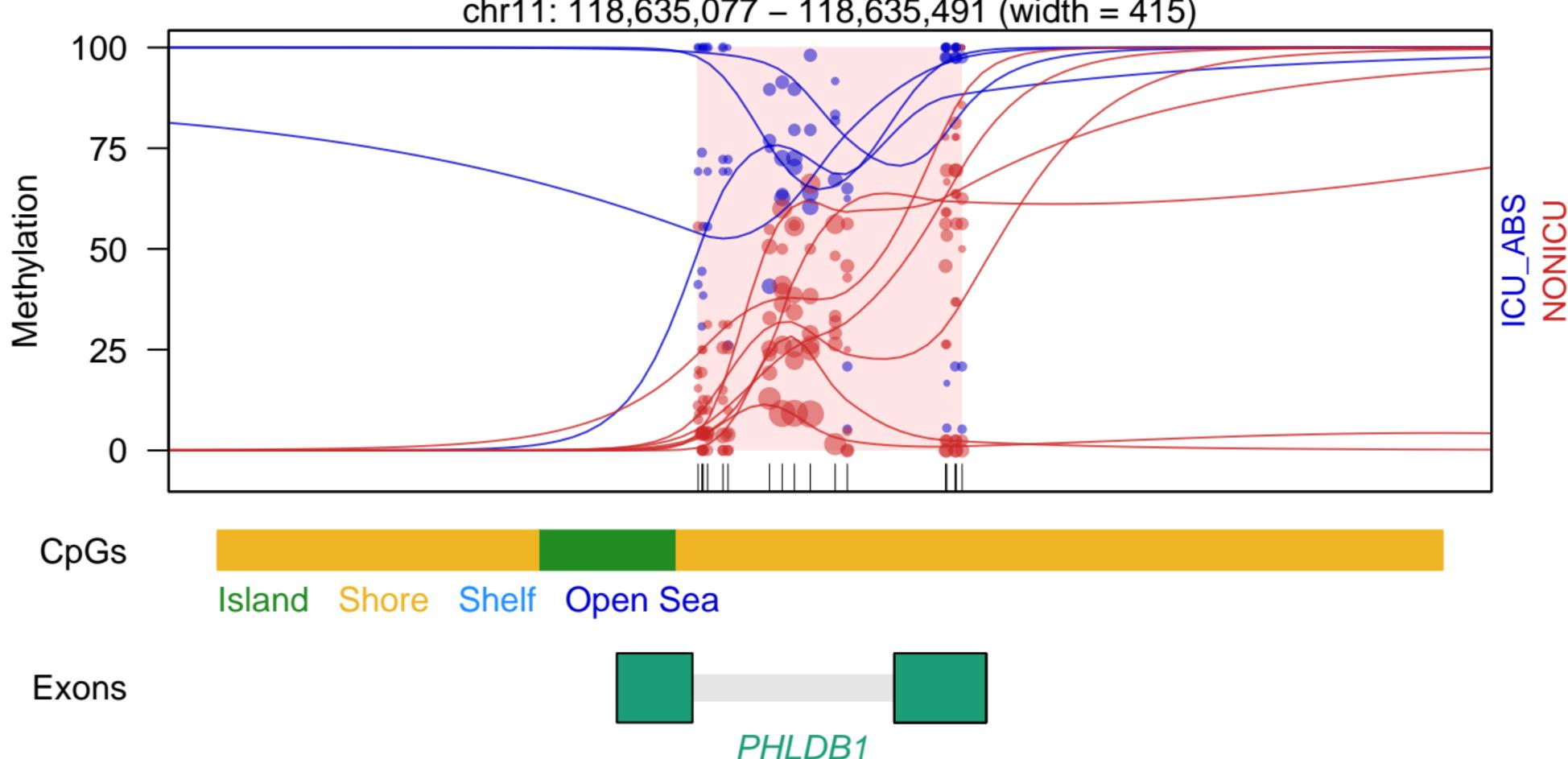
CpGs

Island Shore Shelf Open Sea

Exons

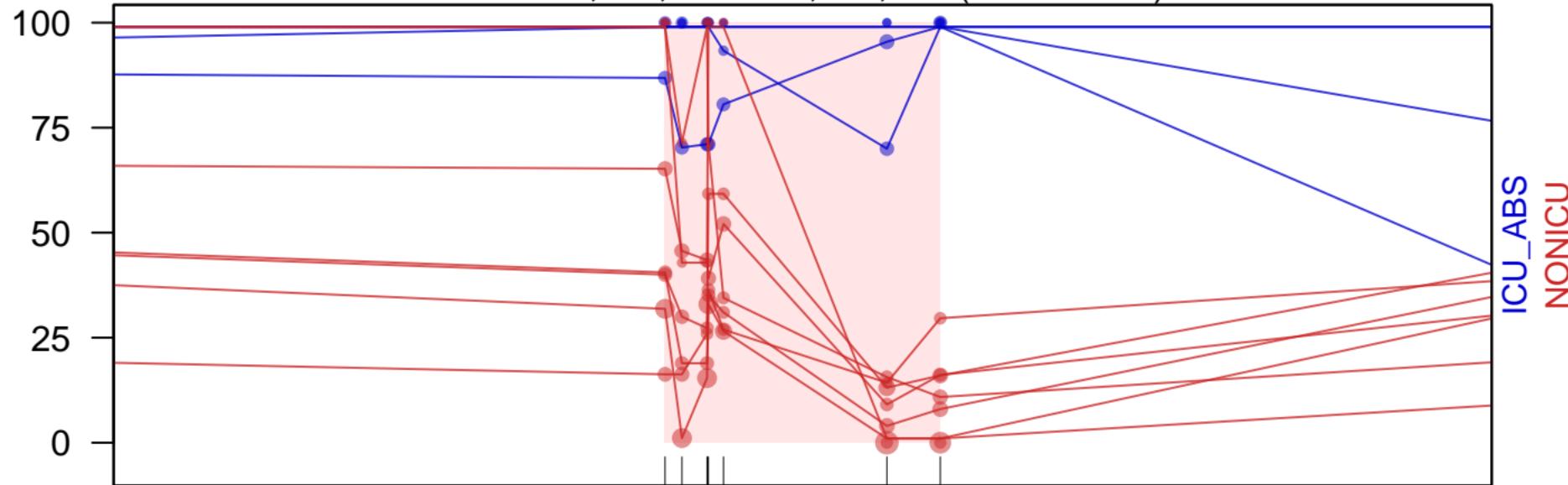
ICU_ABS
NONICU

chr11: 118,635,077 – 118,635,491 (width = 415)



chr19: 49,338,067 – 49,338,670 (width = 604)

Methylation



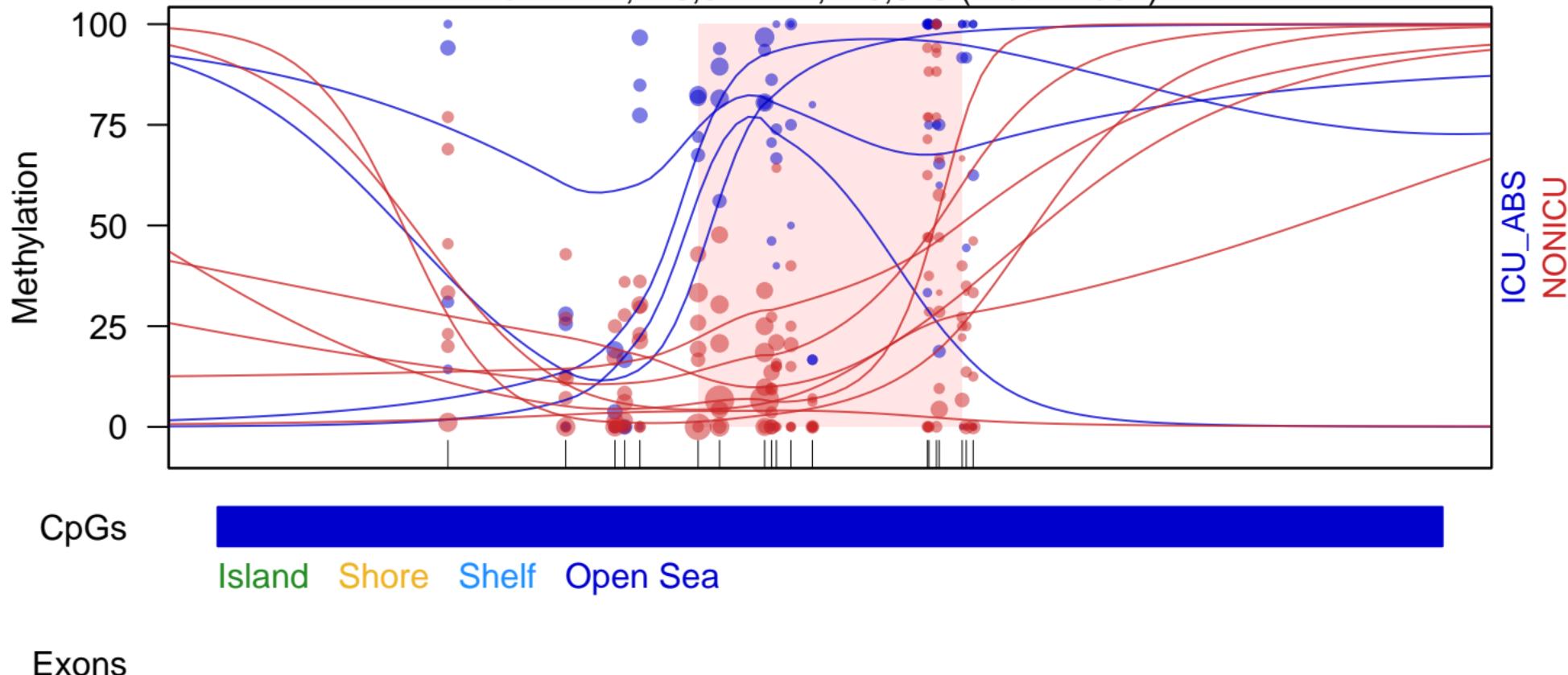
CpGs



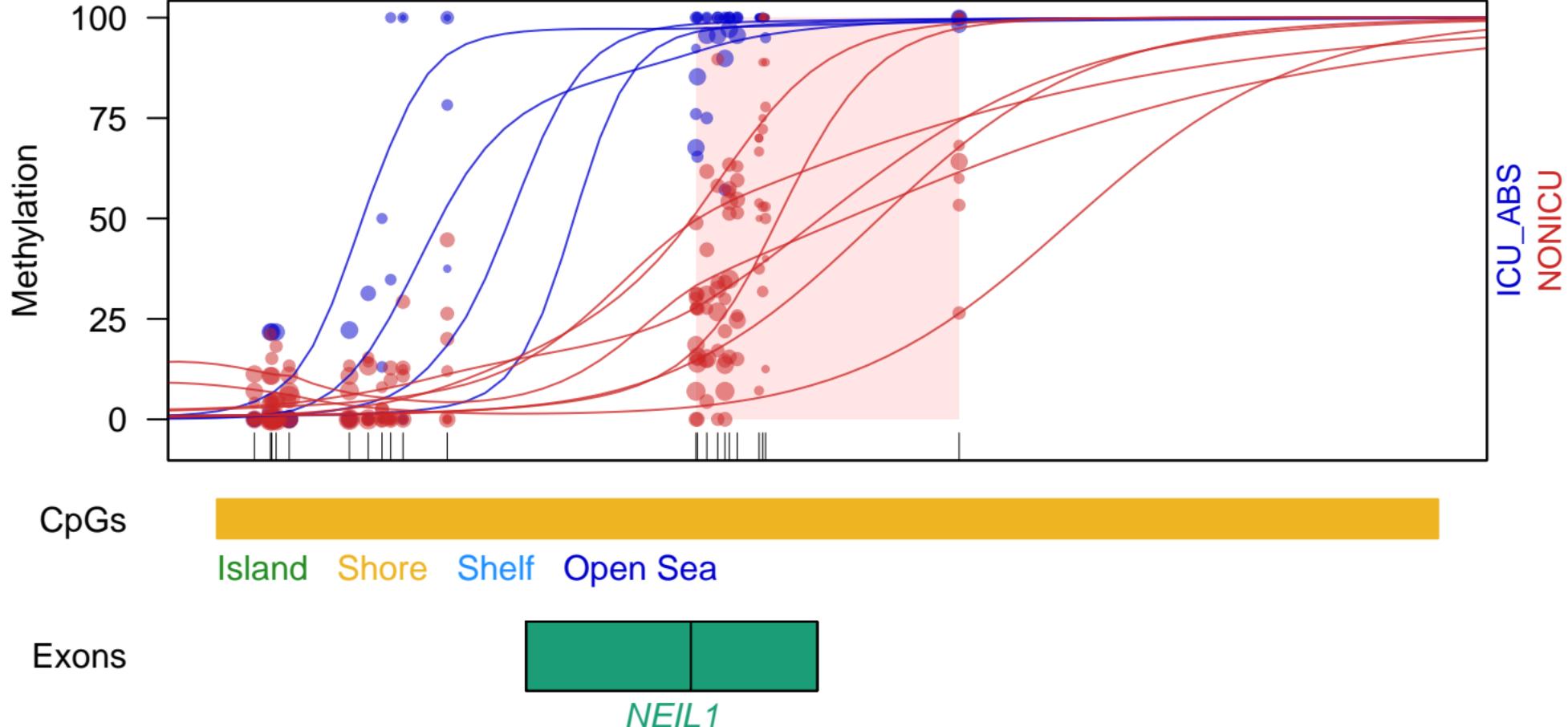
Exons



chr17: 4,476,547 – 4,476,928 (width = 382)

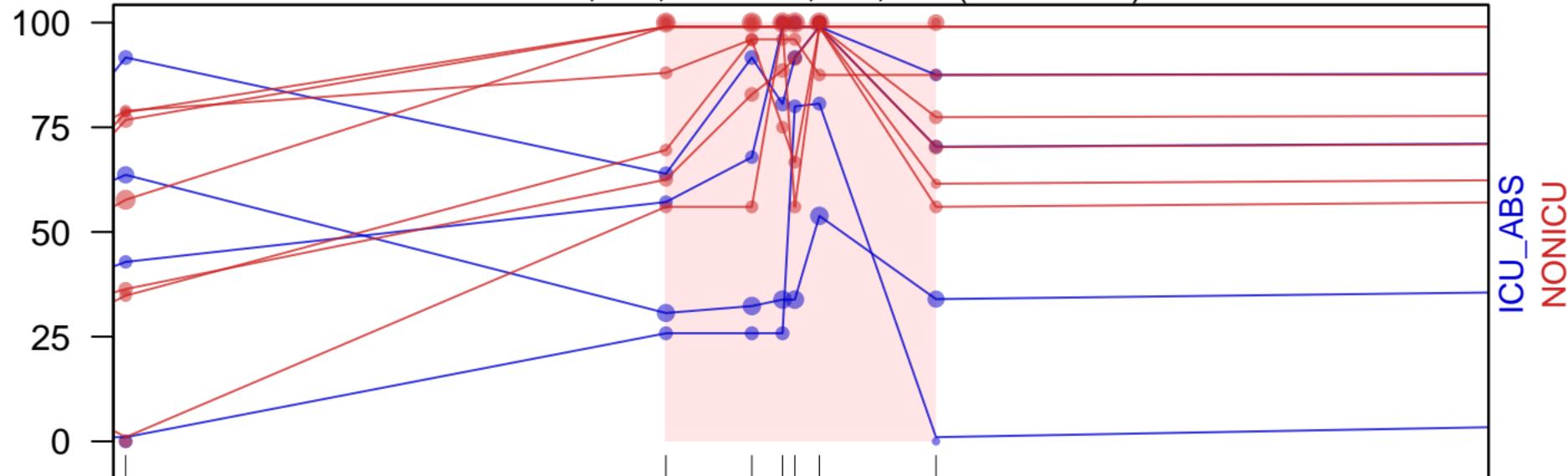


chr15: 75,349,173 – 75,349,536 (width = 364)



chr1: 21,608,321 – 21,608,365 (width = 45)

Methylation



CpGs

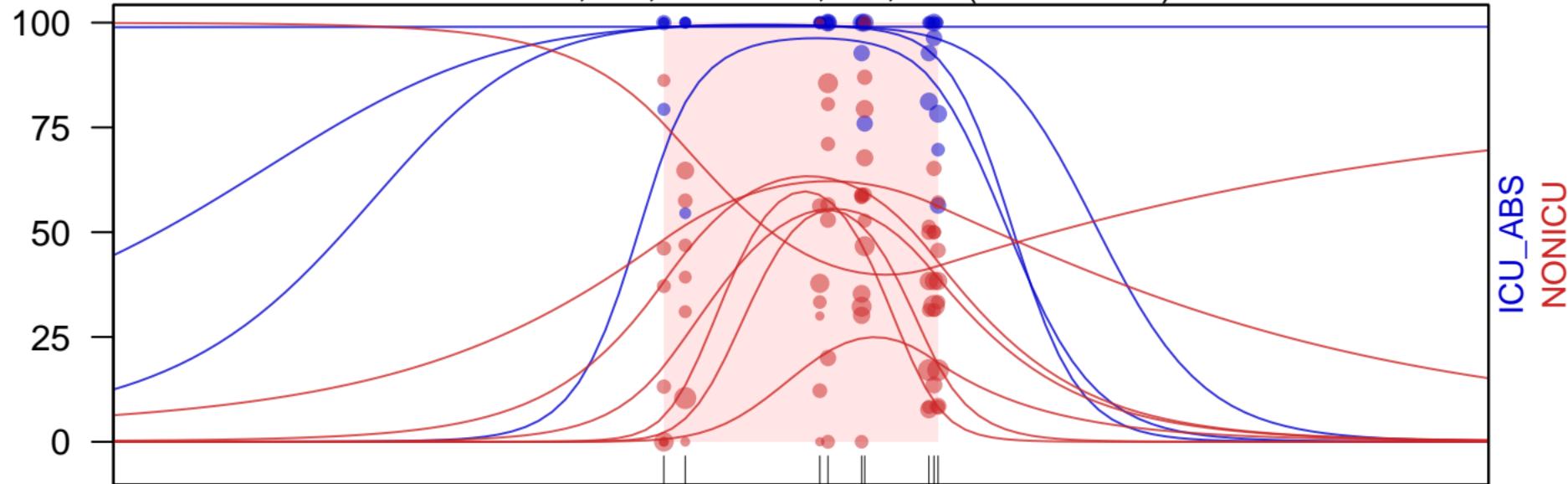
Island Shore Shelf Open Sea

Exons

RAP1GAP

chr8: 143,985,298 – 143,985,567 (width = 270)

Methylation



CpGs

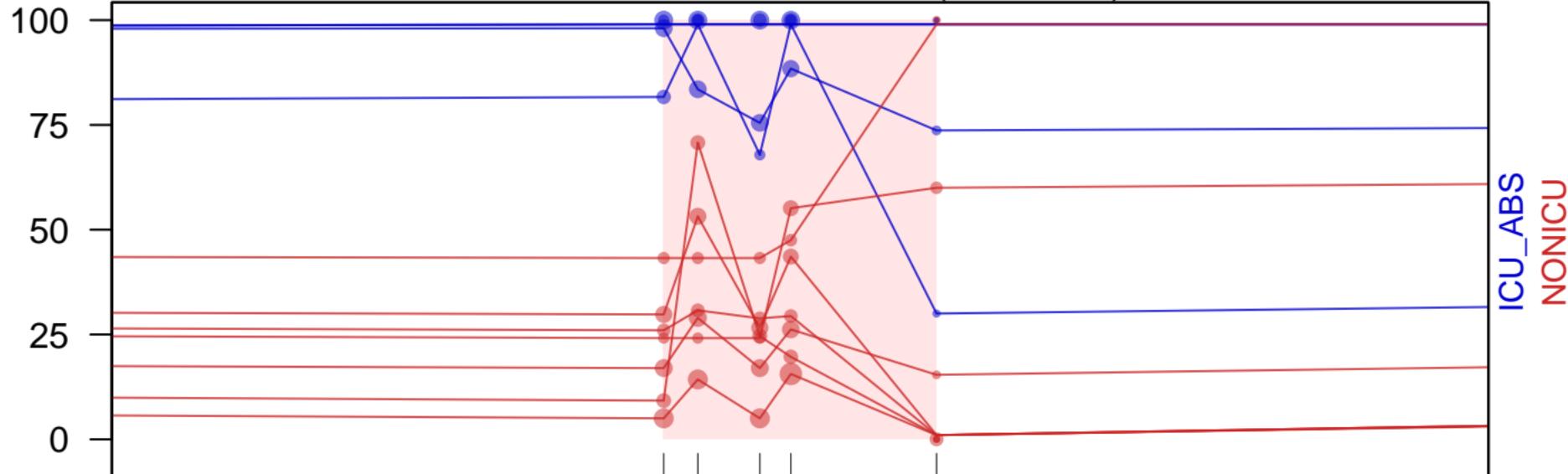
Island Shore Shelf Open Sea

Exons

PARP10

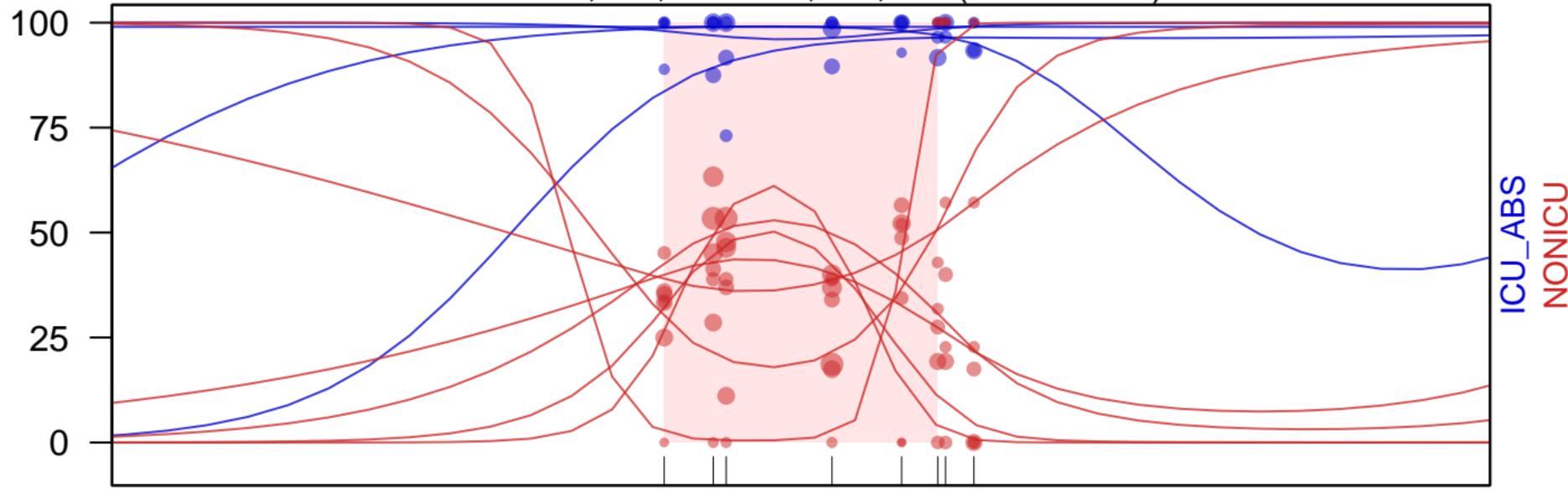
chr9: 1,659,768 – 1,659,856 (width = 89)

Methylation



chr13: 98,395,009 – 98,395,115 (width = 107)

Methylation



CpGs

Island Shore Shelf Open Sea

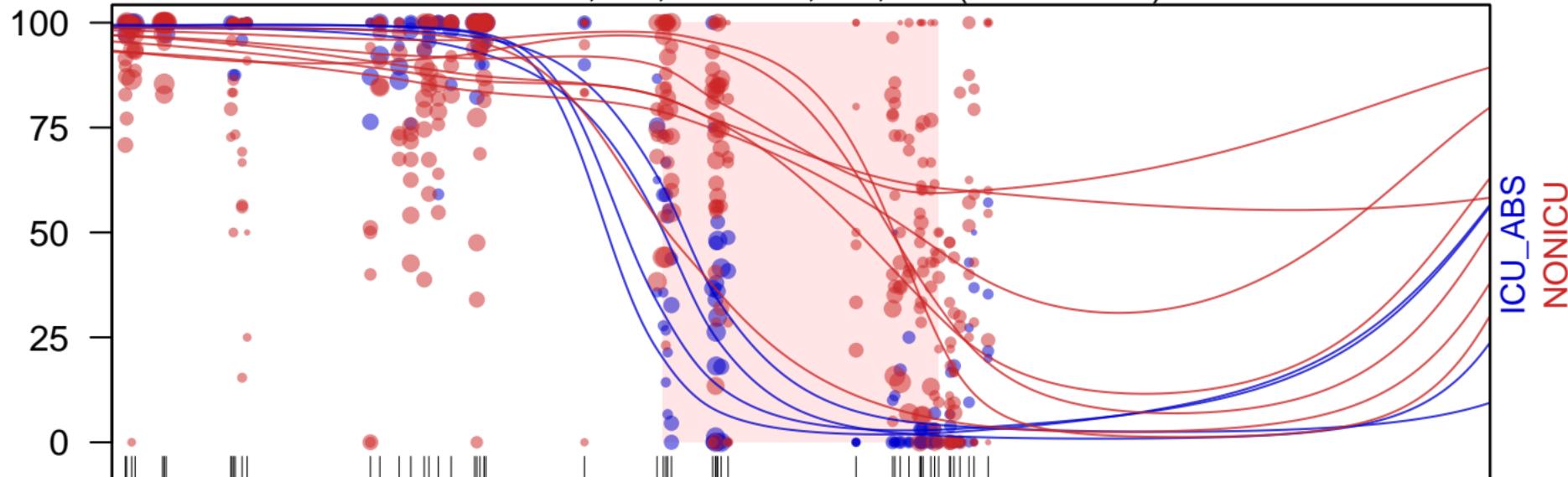
Exons



FARP1

chr16: 88,499,245 – 88,500,125 (width = 881)

Methylation



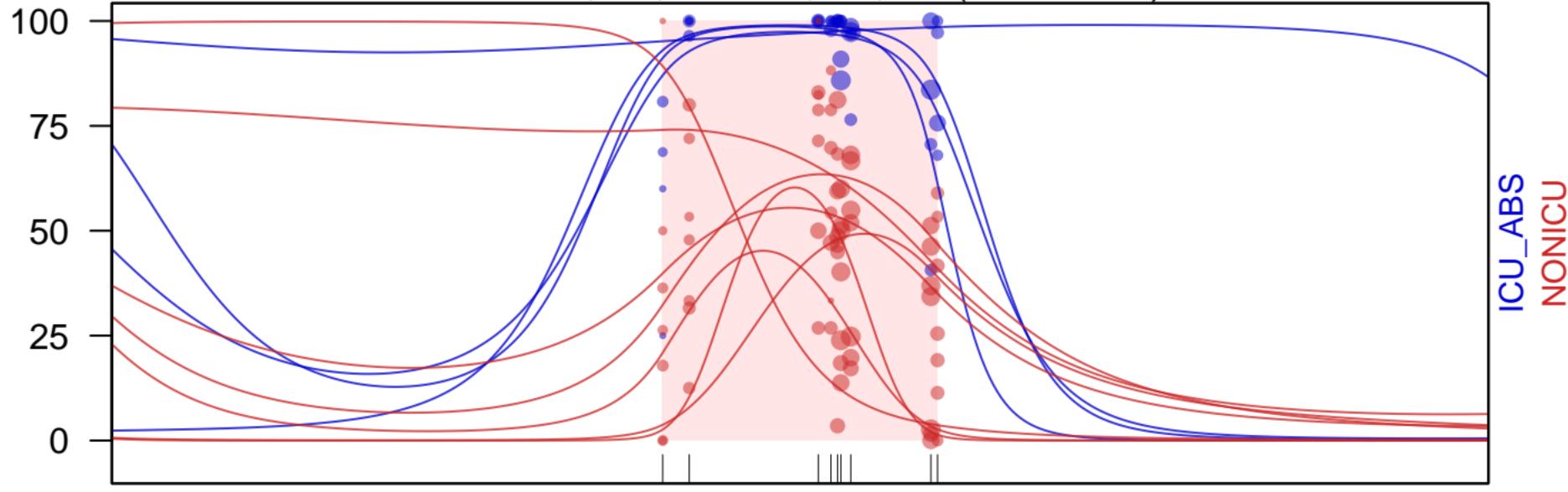
CpGs



Exons

chr16: 87,867,024 – 87,867,439 (width = 416)

Methylation



CpGs

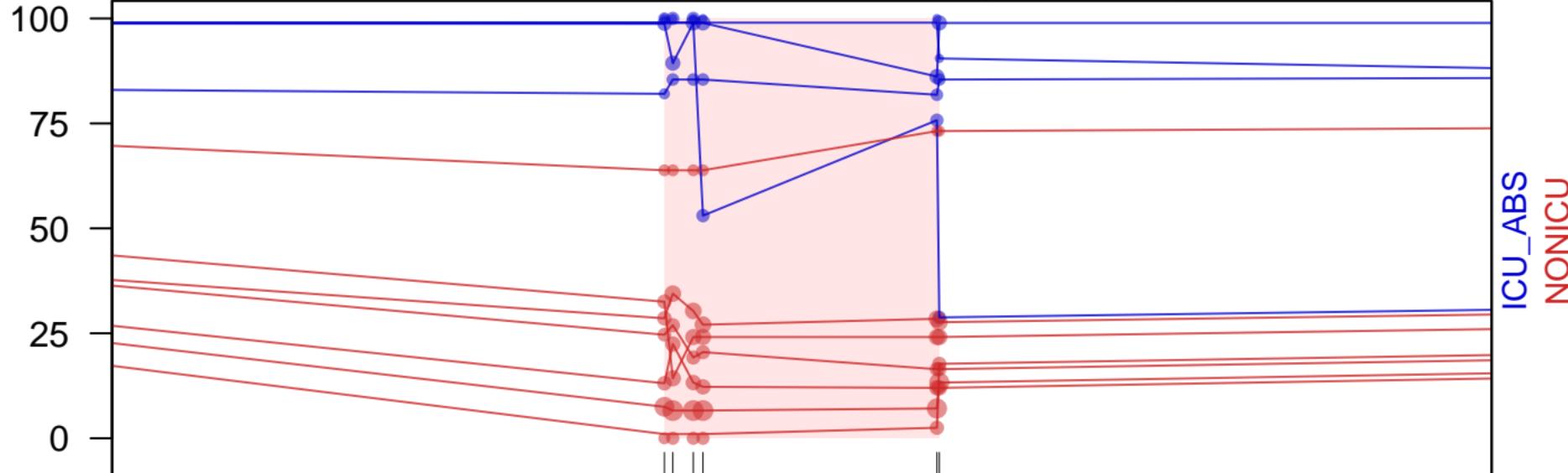
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr10: 112,811,608 – 112,811,836 (width = 229)

Methylation



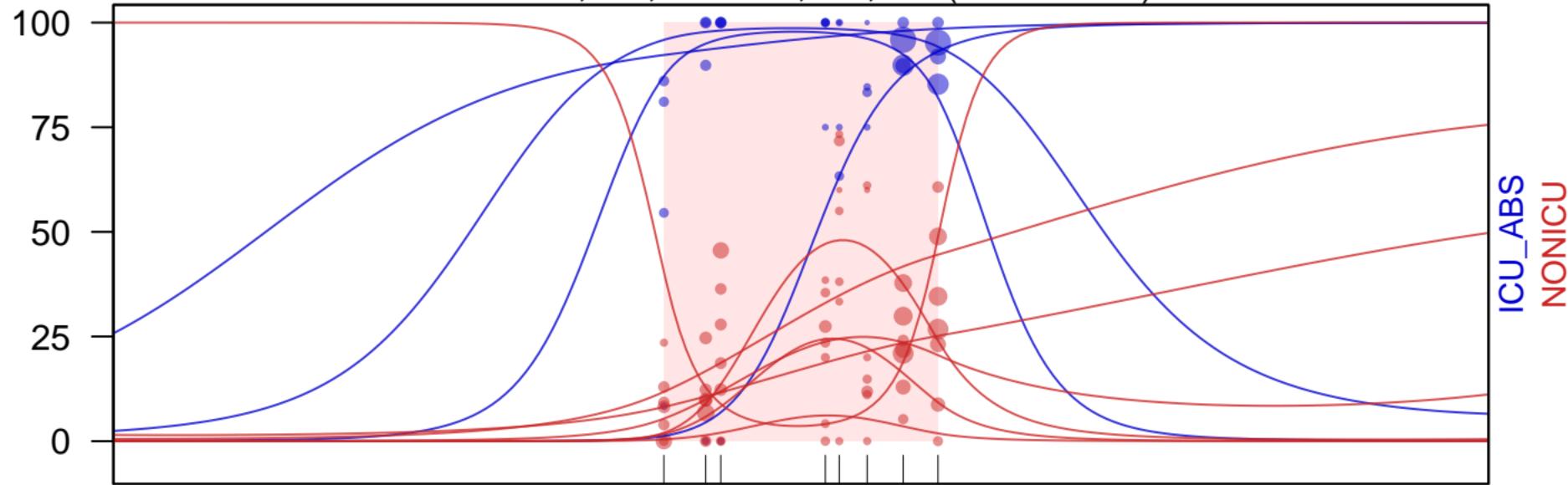
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 29,132,816 – 29,133,052 (width = 237)

Methylation



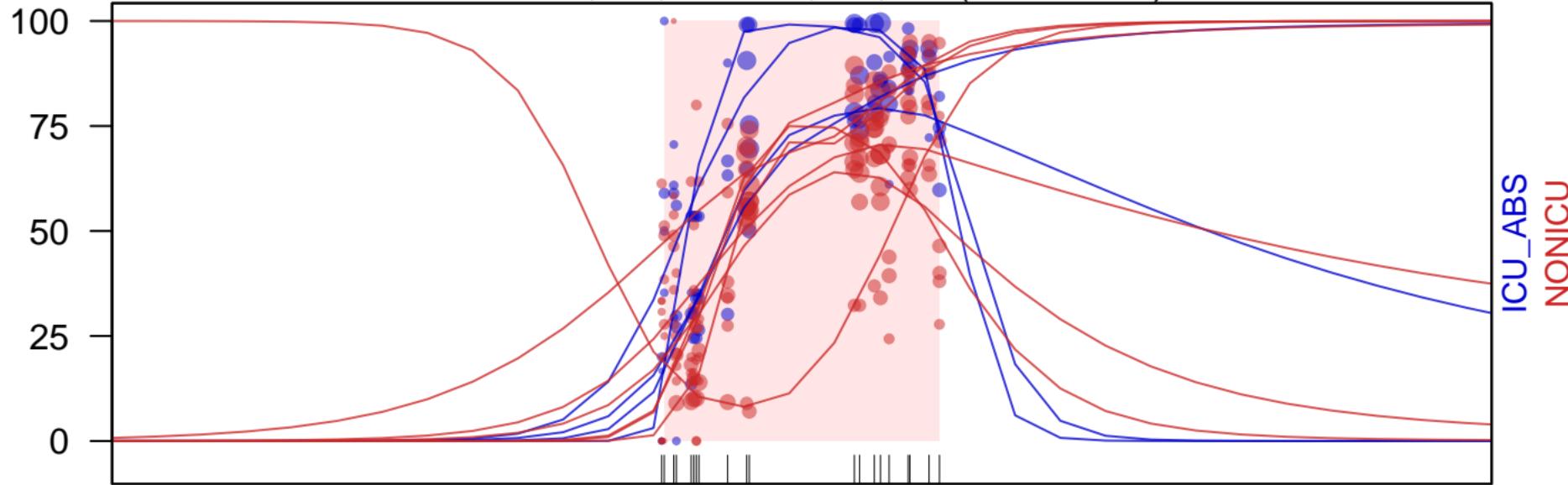
CpGs



Exons

chr10: 13,158,518 – 13,158,835 (width = 318)

Methylation



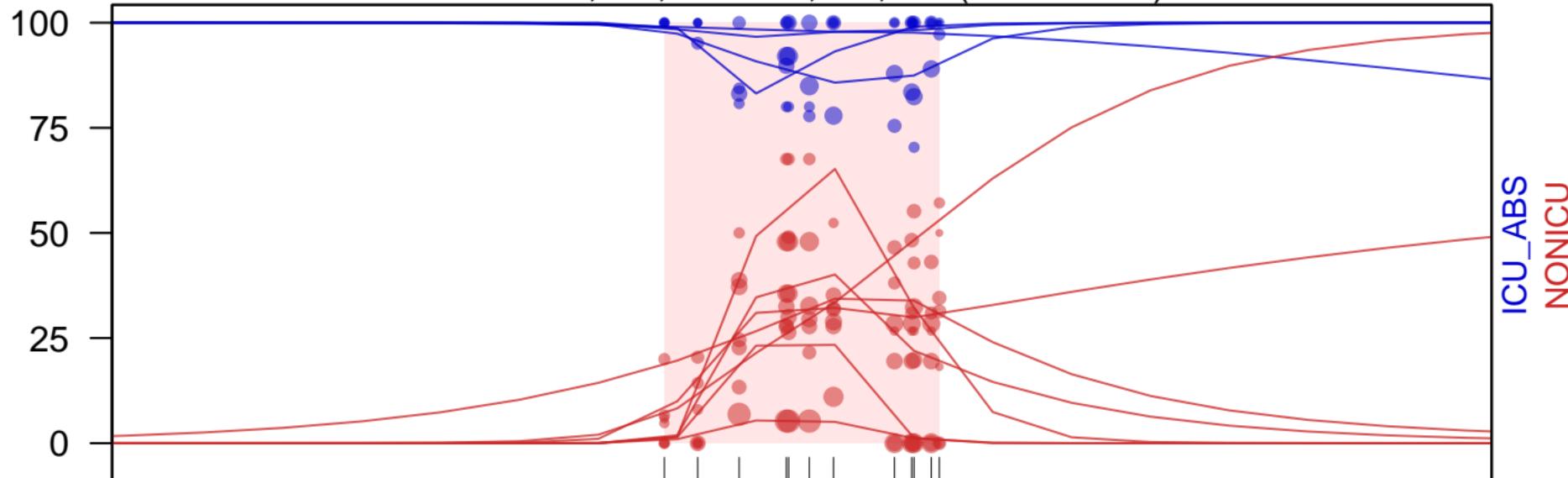
CpGs

Island Shore Shelf Open Sea

Exons

chr15: 62,897,098 – 62,897,337 (width = 240)

Methylation

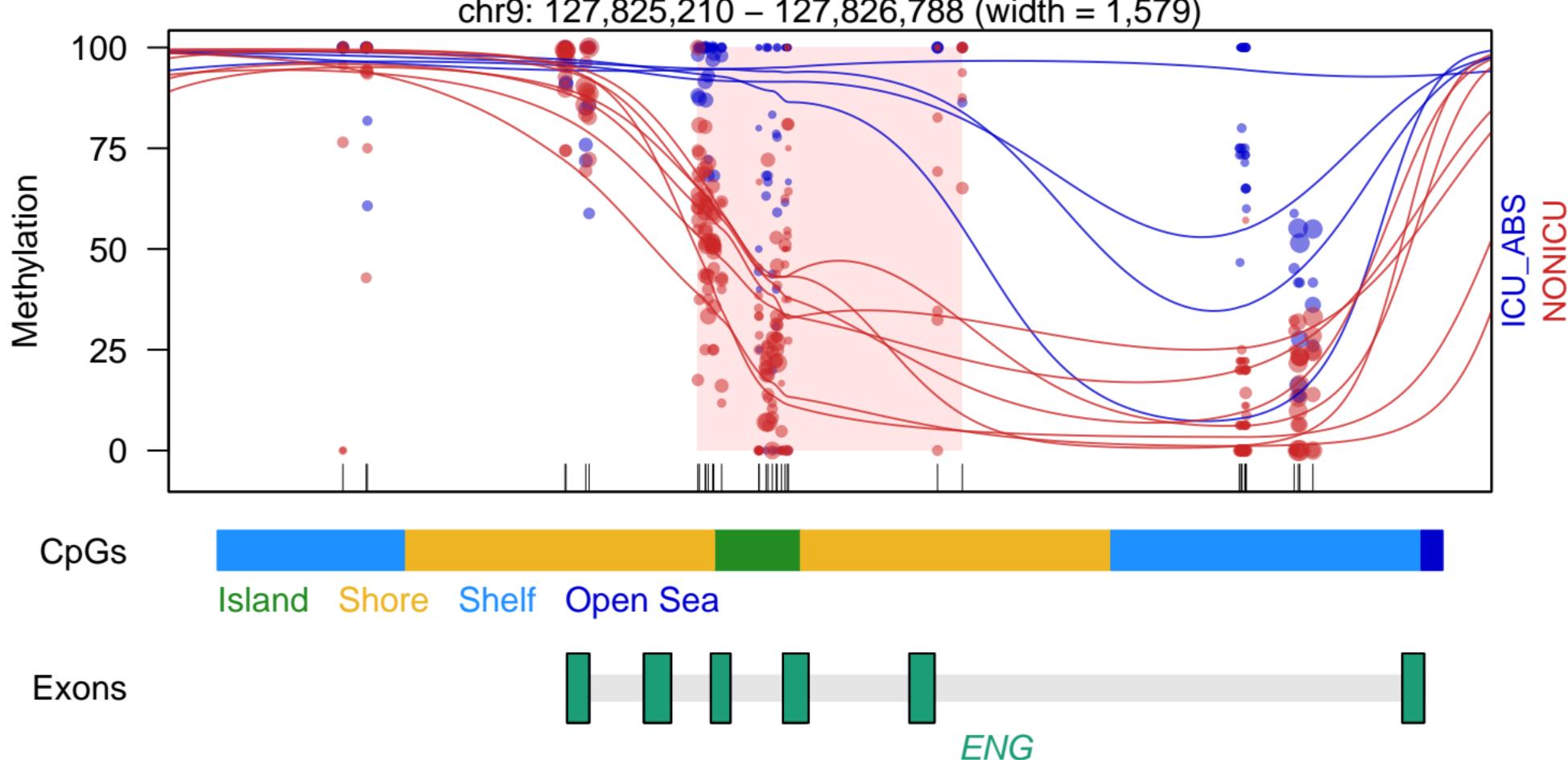


CpGs

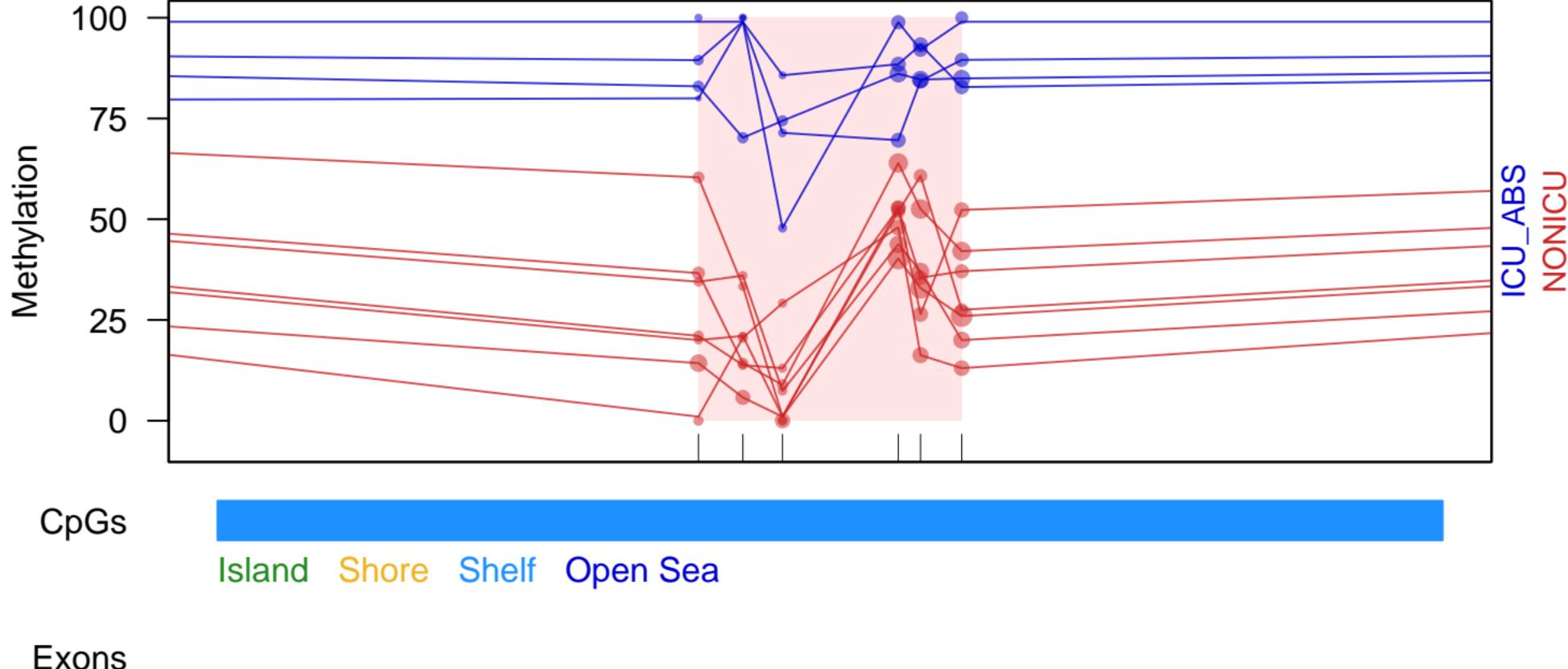
Island Shore Shelf Open Sea

Exons

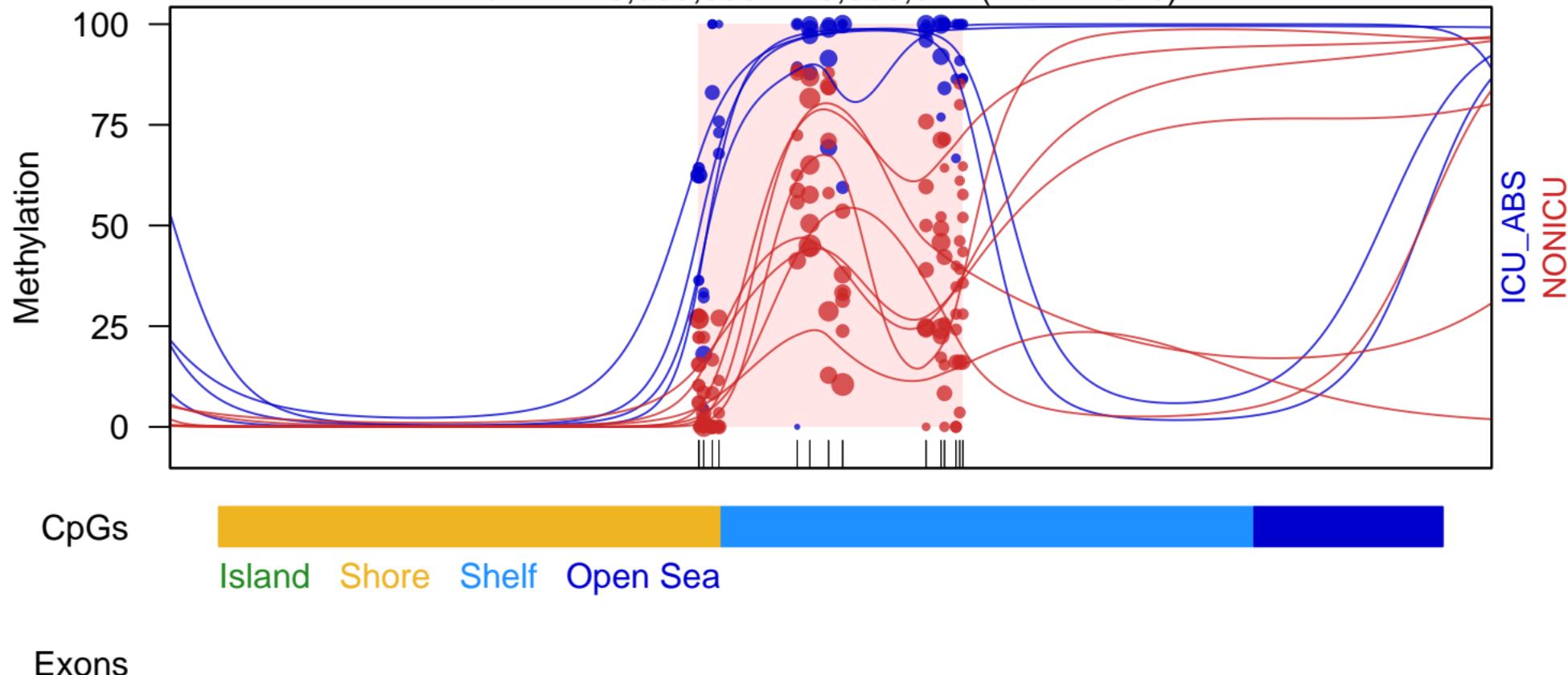
chr9: 127,825,210 – 127,826,788 (width = 1,579)



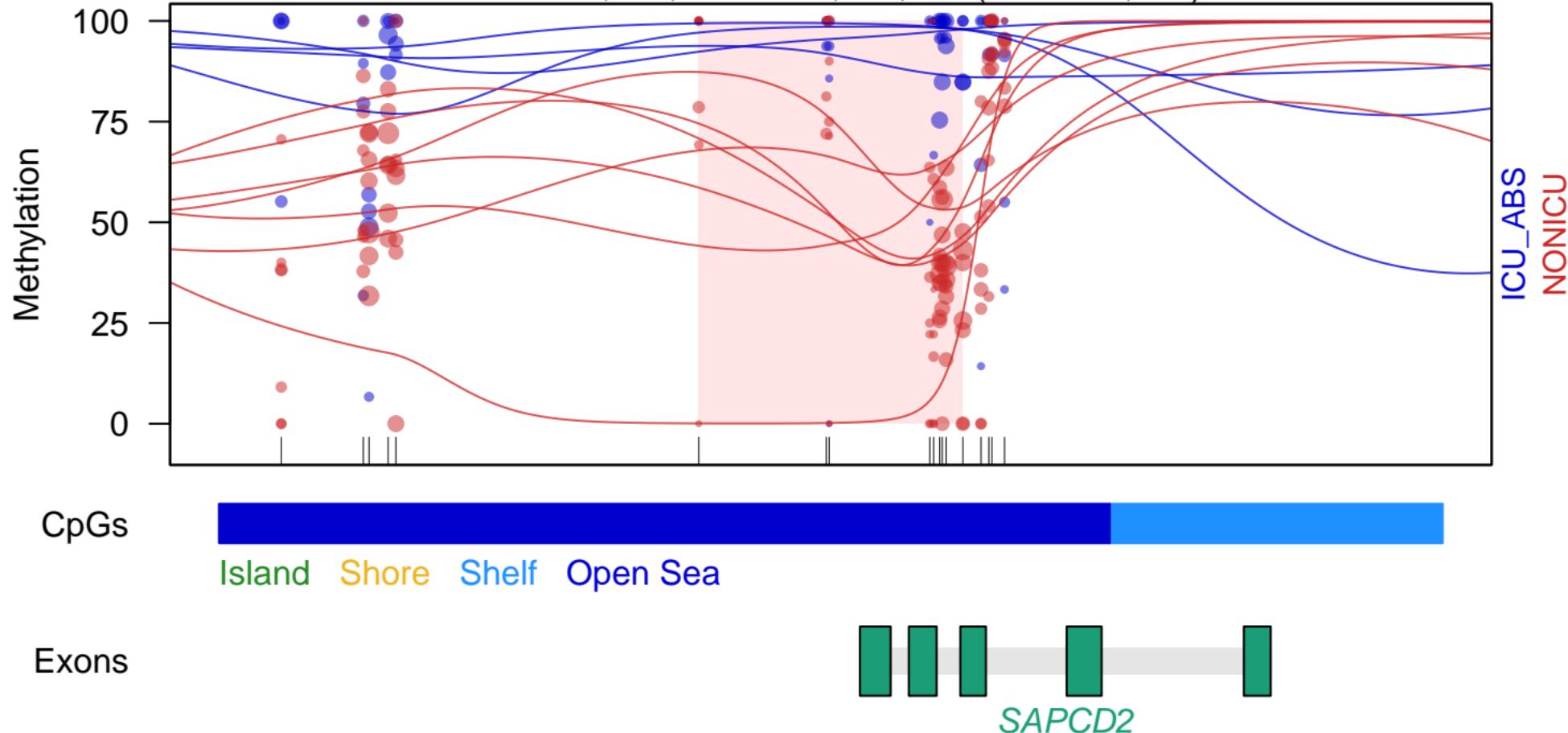
chr1: 109,255,135 – 109,255,301 (width = 167)



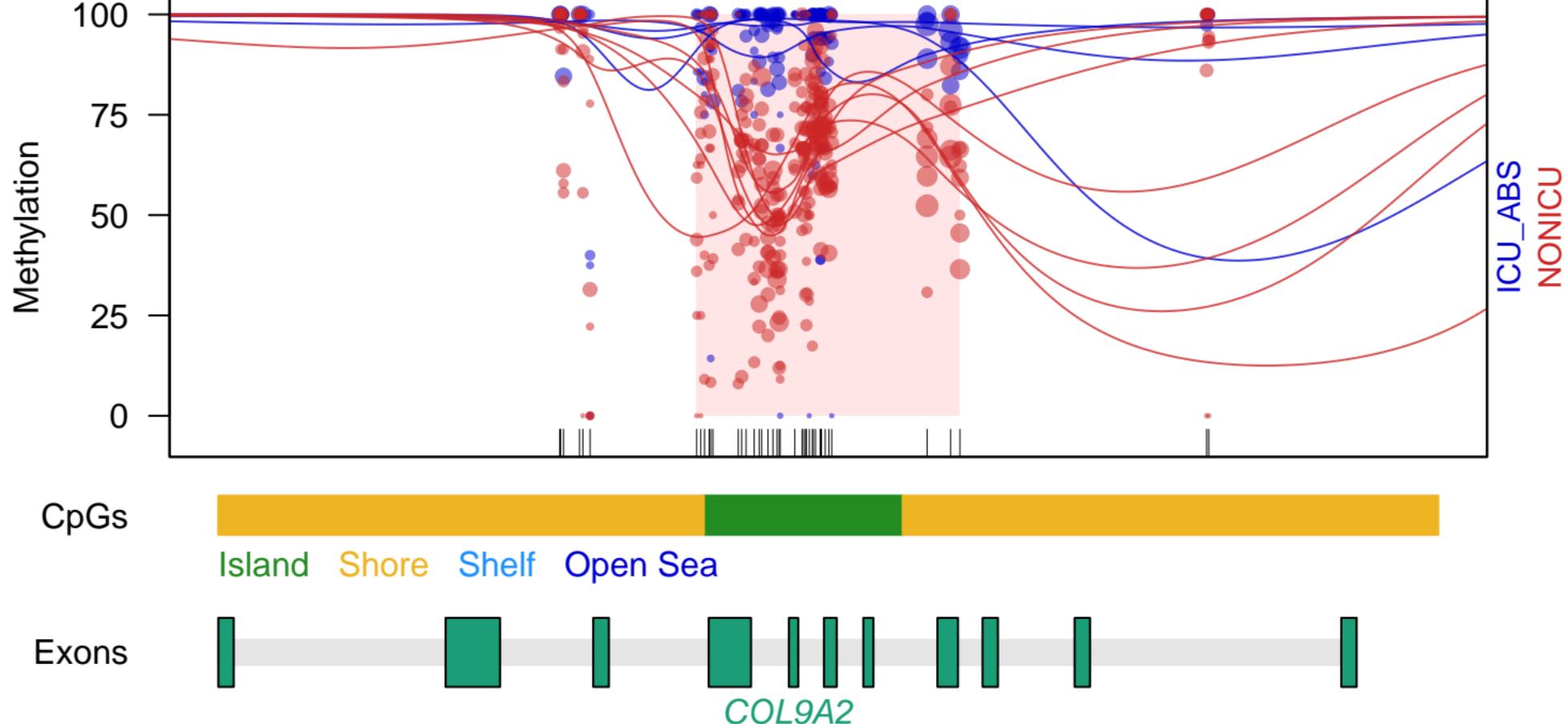
chr22: 46,088,096 – 46,089,014 (width = 919)



chr9: 137,064,027 – 137,065,048 (width = 1,022)

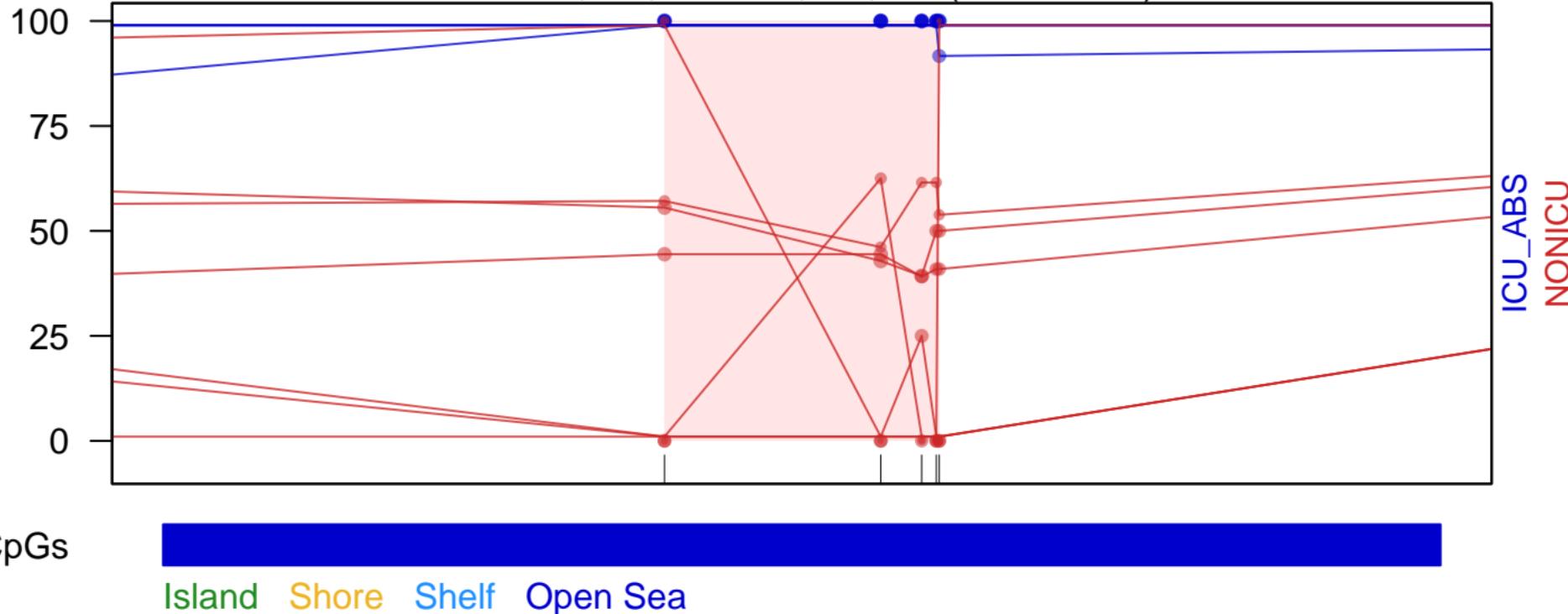


chr1: 40,303,522 – 40,304,364 (width = 843)



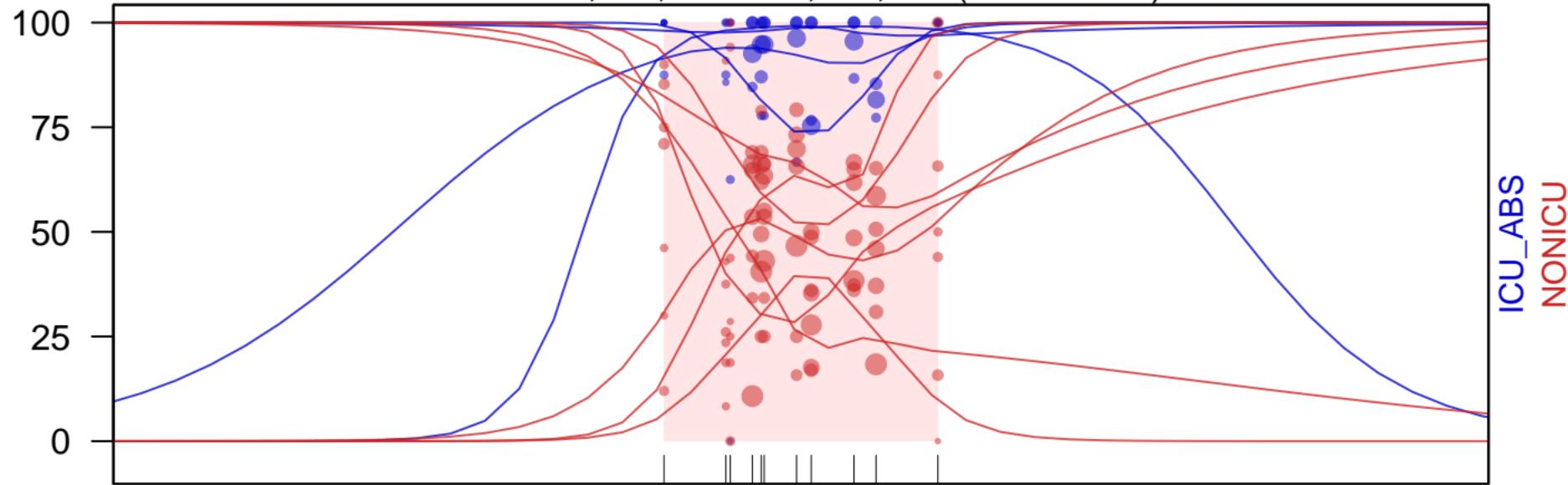
chr2: 45,961,798 – 45,961,986 (width = 189)

Methylation



chr17: 50,112,876 – 50,113,062 (width = 187)

Methylation



CpGs

Island Shore Shelf Open Sea

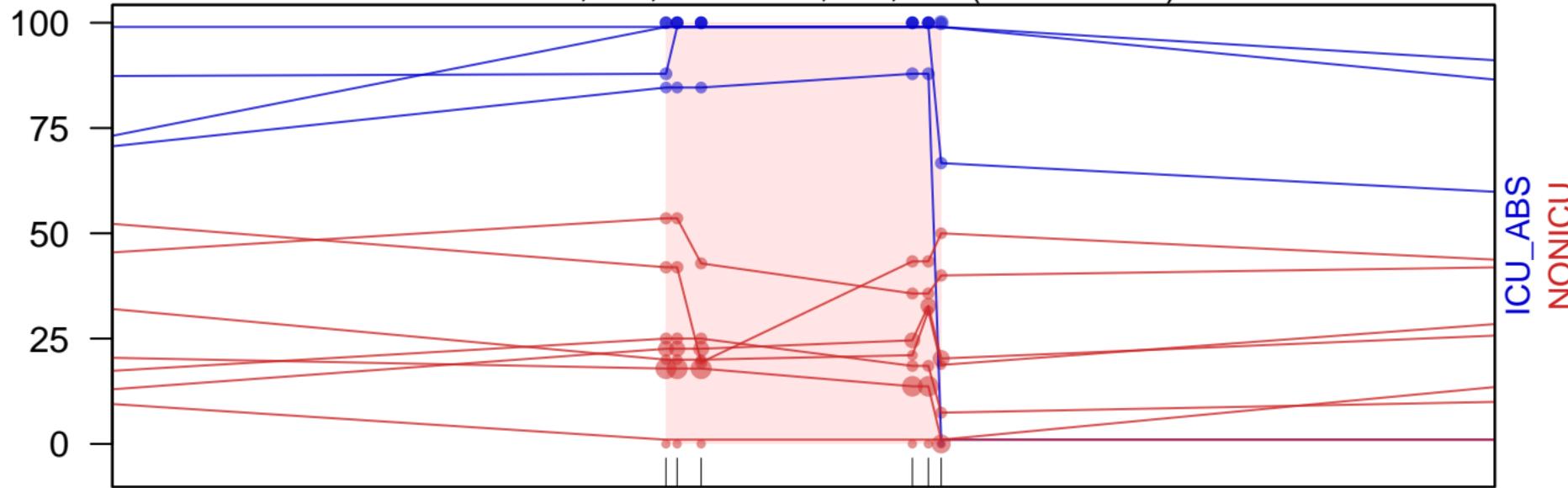
Exons



SAMD14

chr9: 136,323,212 – 136,323,384 (width = 173)

Methylation



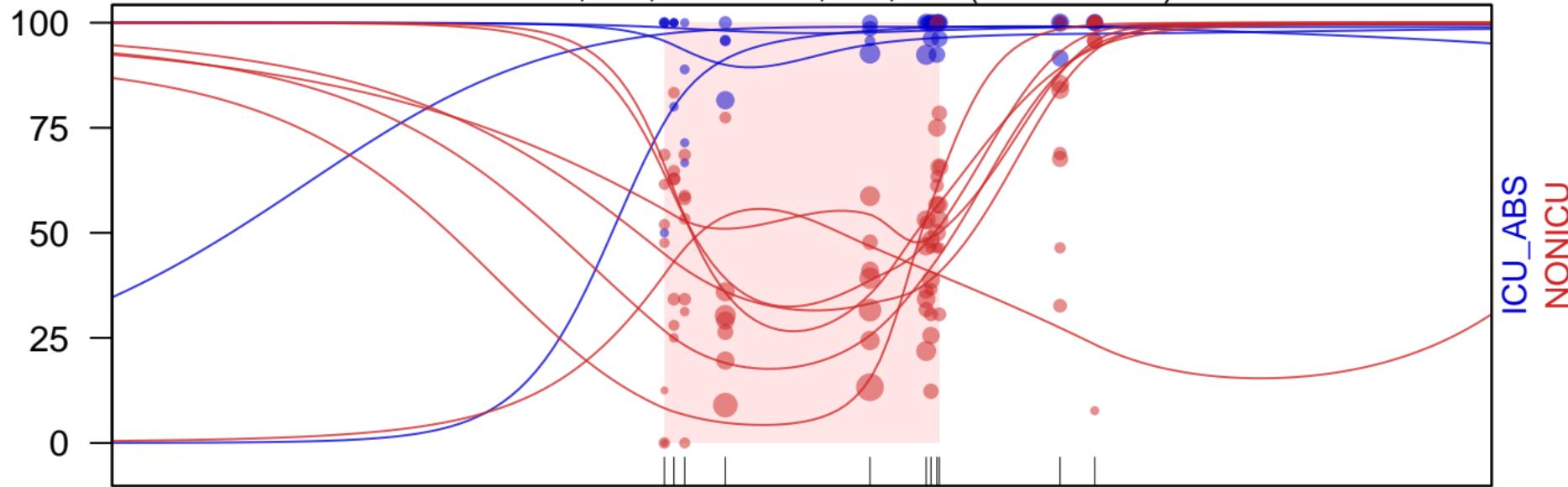
CpGs

Island Shore Shelf Open Sea

Exons

chr9: 136,289,015 – 136,289,245 (width = 231)

Methylation

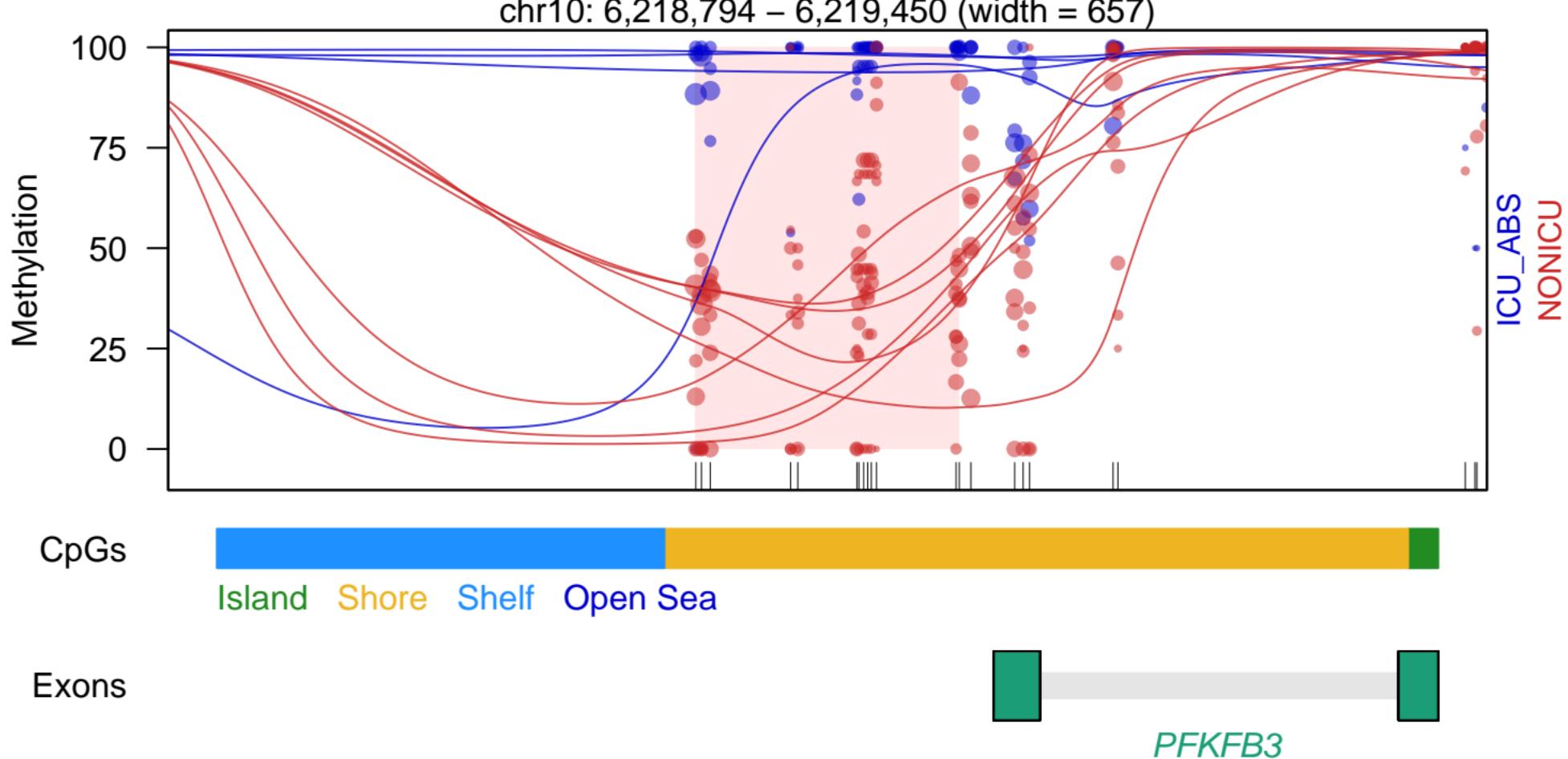


CpGs

Island Shore Shelf Open Sea

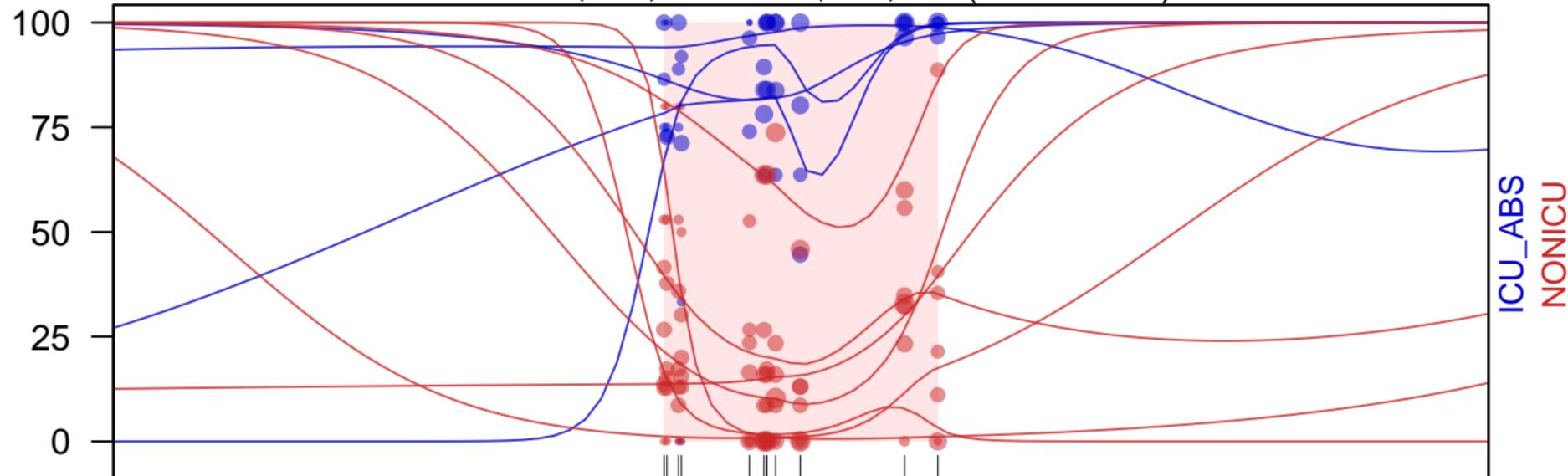
Exons

chr10: 6,218,794 – 6,219,450 (width = 657)



chr7: 155,998,480 – 155,998,669 (width = 190)

Methylation

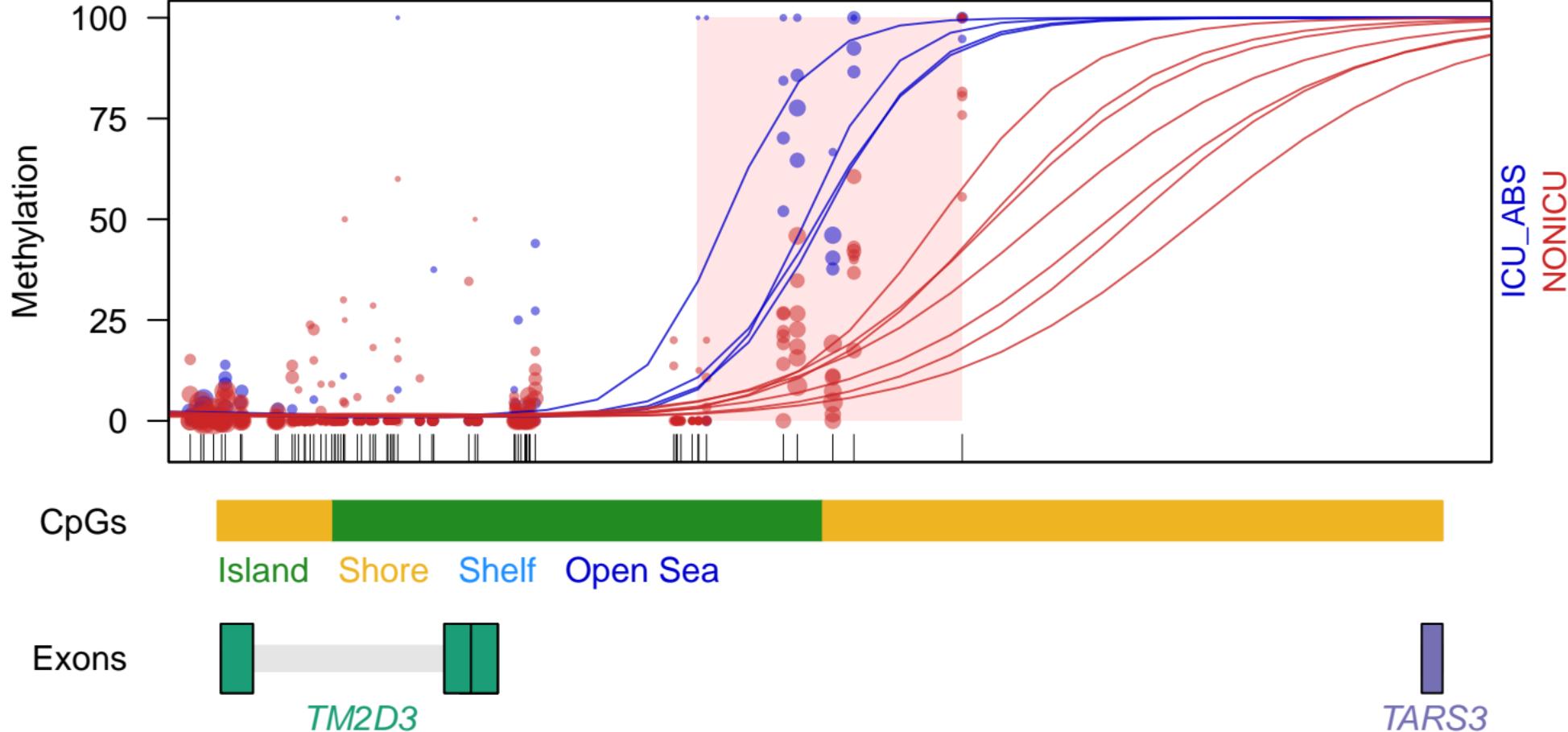


CpGs

Island Shore Shelf Open Sea

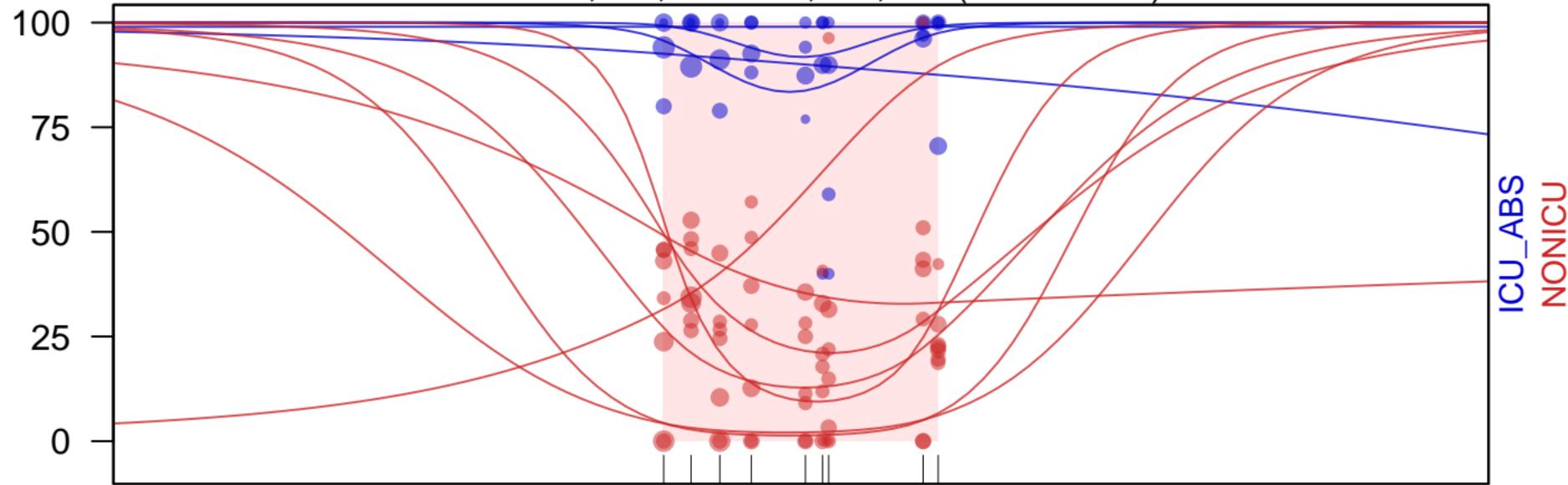
Exons

chr15: 101,652,866 – 101,653,454 (width = 589)



chr16: 81,612,351 – 81,612,752 (width = 402)

Methylation

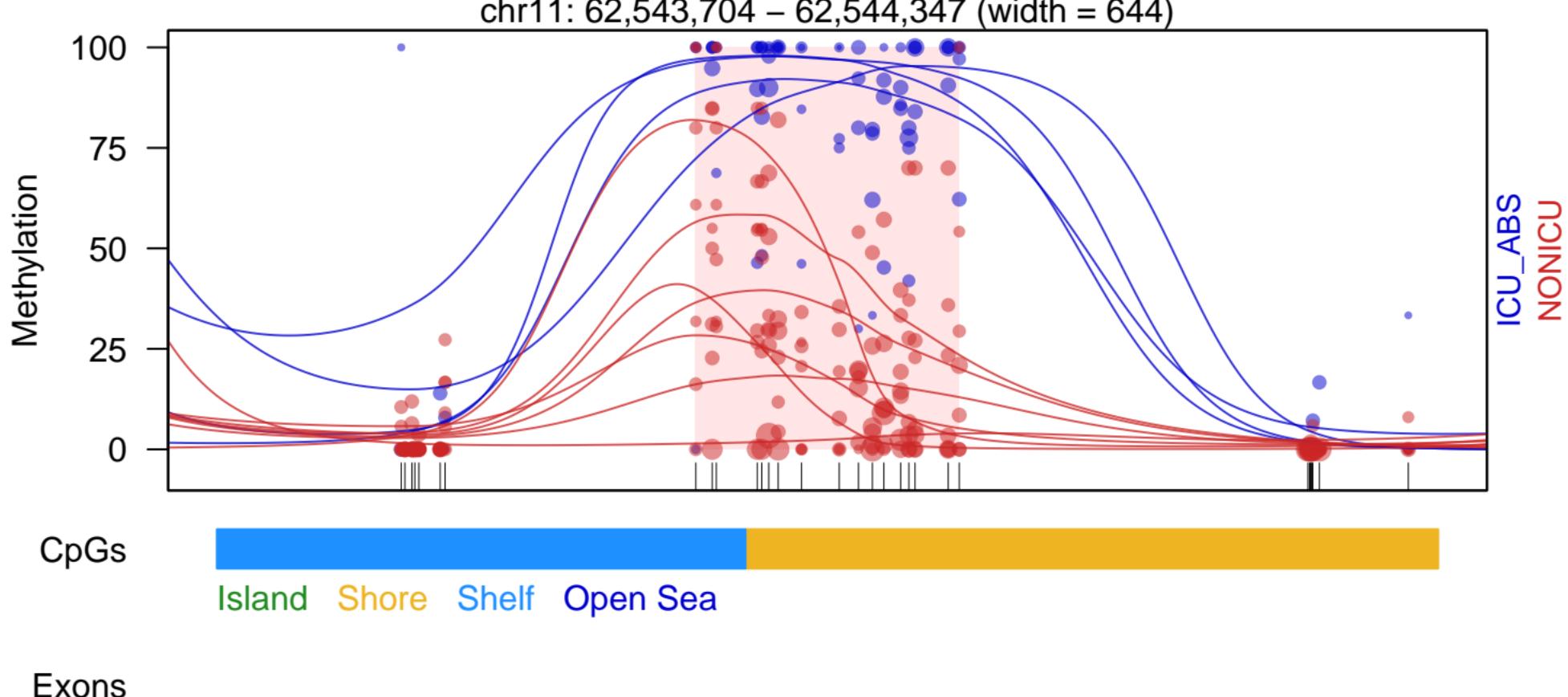


CpGs

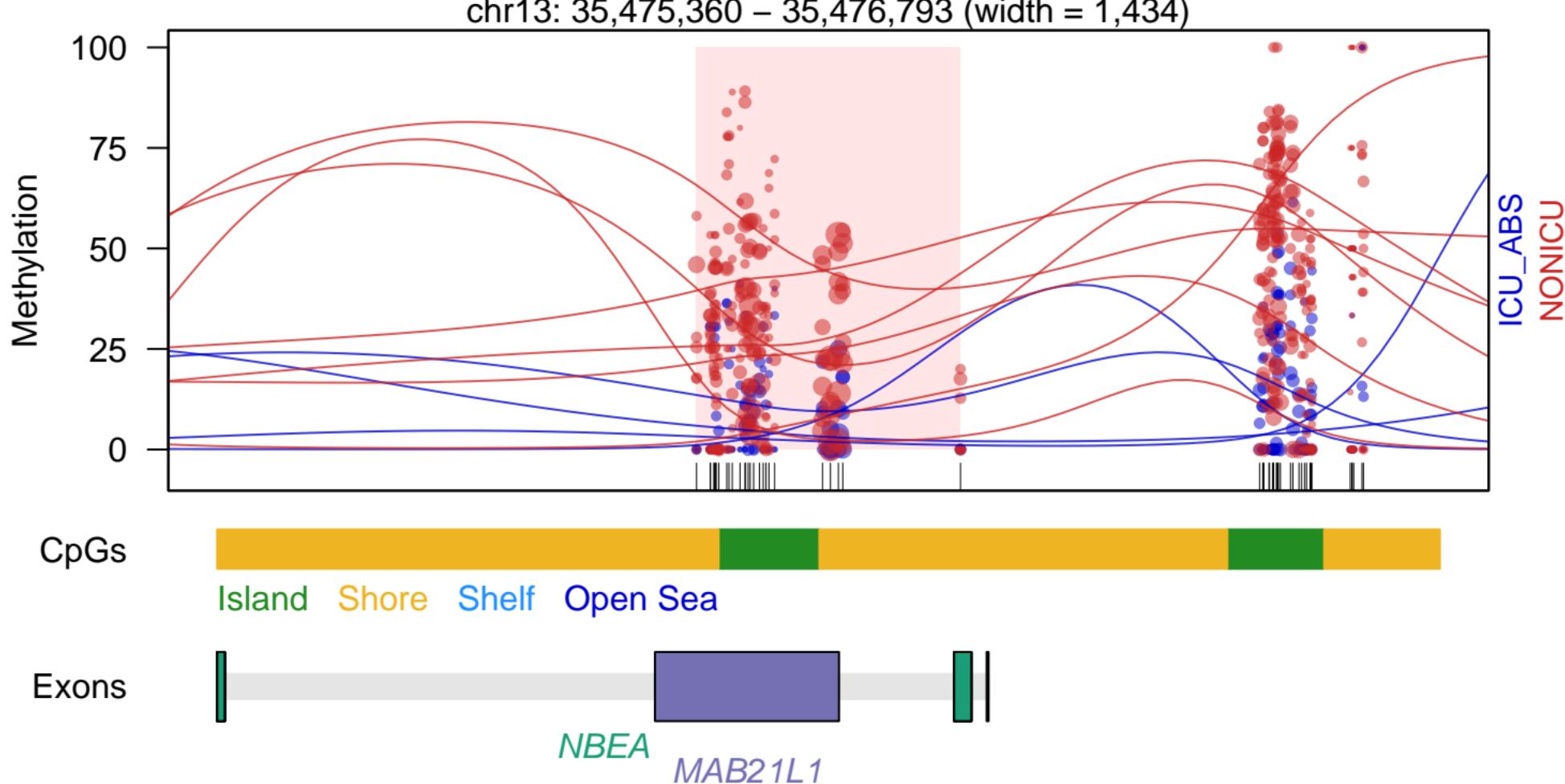
Island Shore Shelf Open Sea

Exons

chr11: 62,543,704 – 62,544,347 (width = 644)

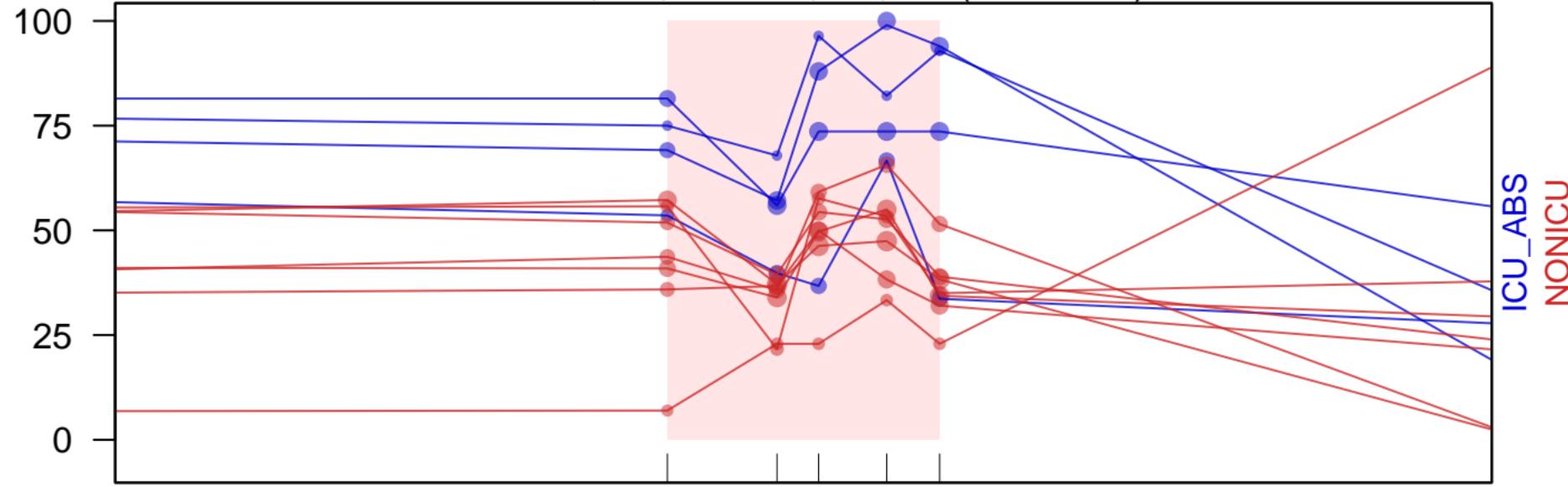


chr13: 35,475,360 – 35,476,793 (width = 1,434)



chr3: 50,193,515 – 50,193,587 (width = 73)

Methylation



CpGs



Island Shore Shelf Open Sea

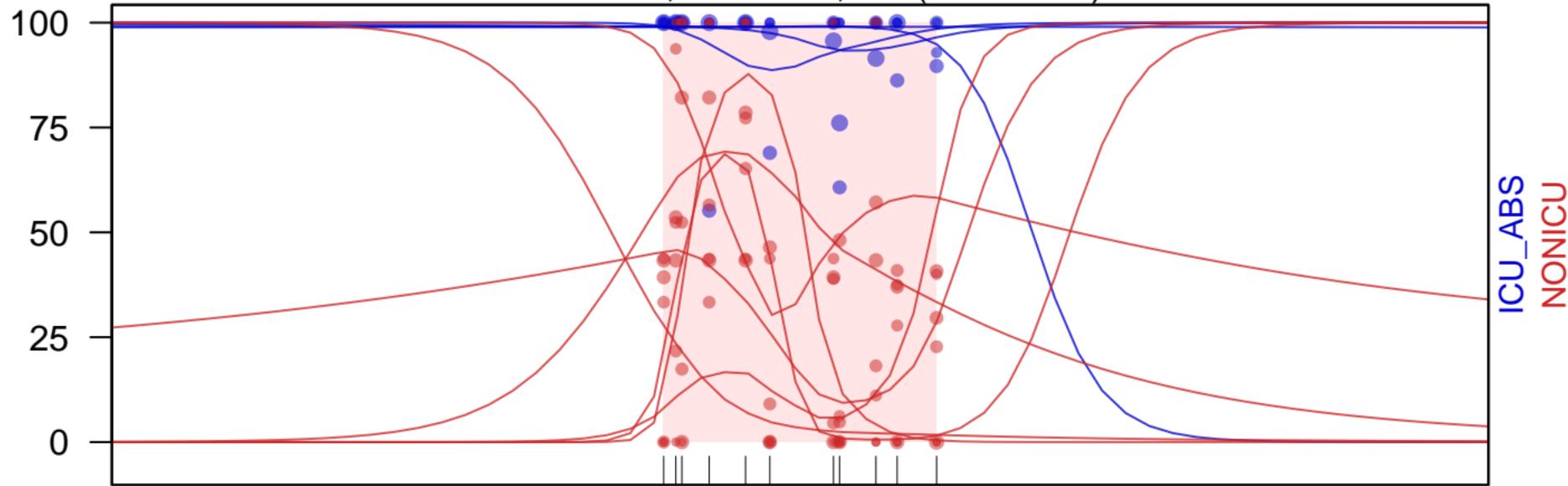
Exons



GNAT1

chr19: 802,931 – 803,021 (width = 91)

Methylation



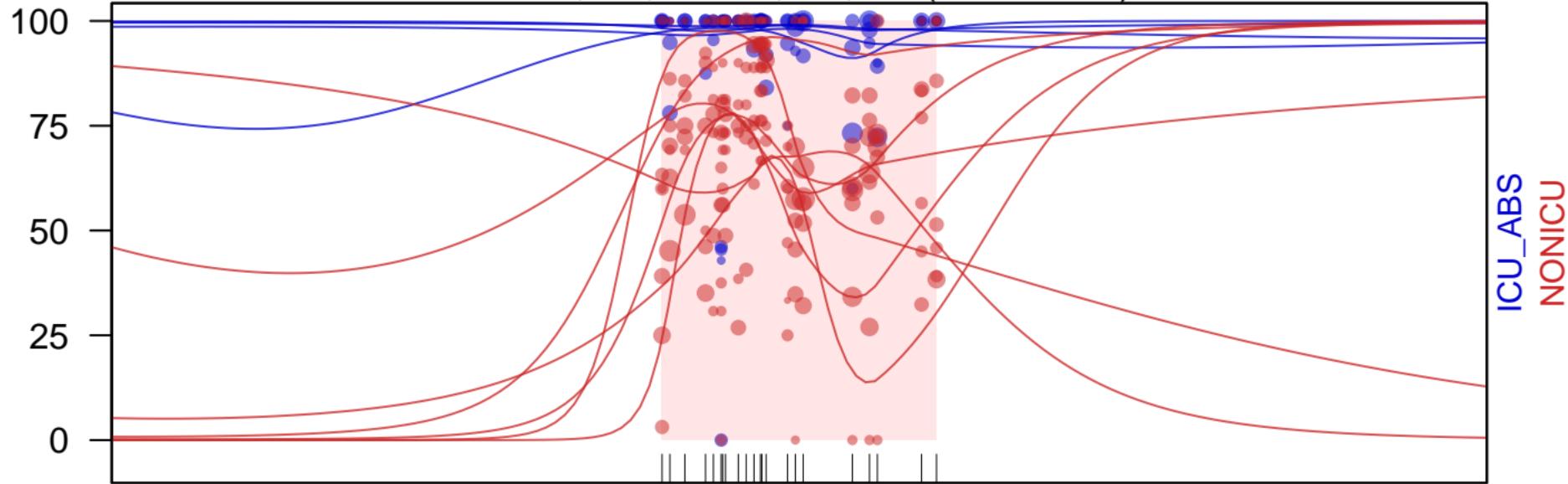
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 6,300,488 – 6,300,873 (width = 386)

Methylation



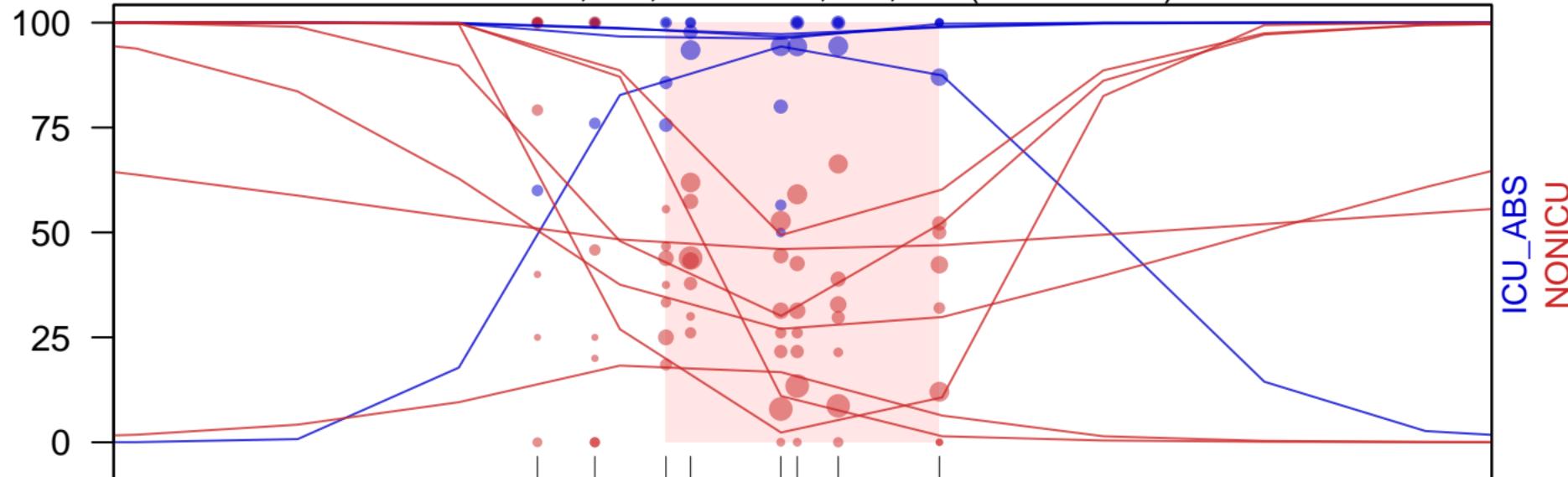
CpGs

Island Shore Shelf Open Sea

Exons

chr7: 142,349,790 – 142,349,890 (width = 101)

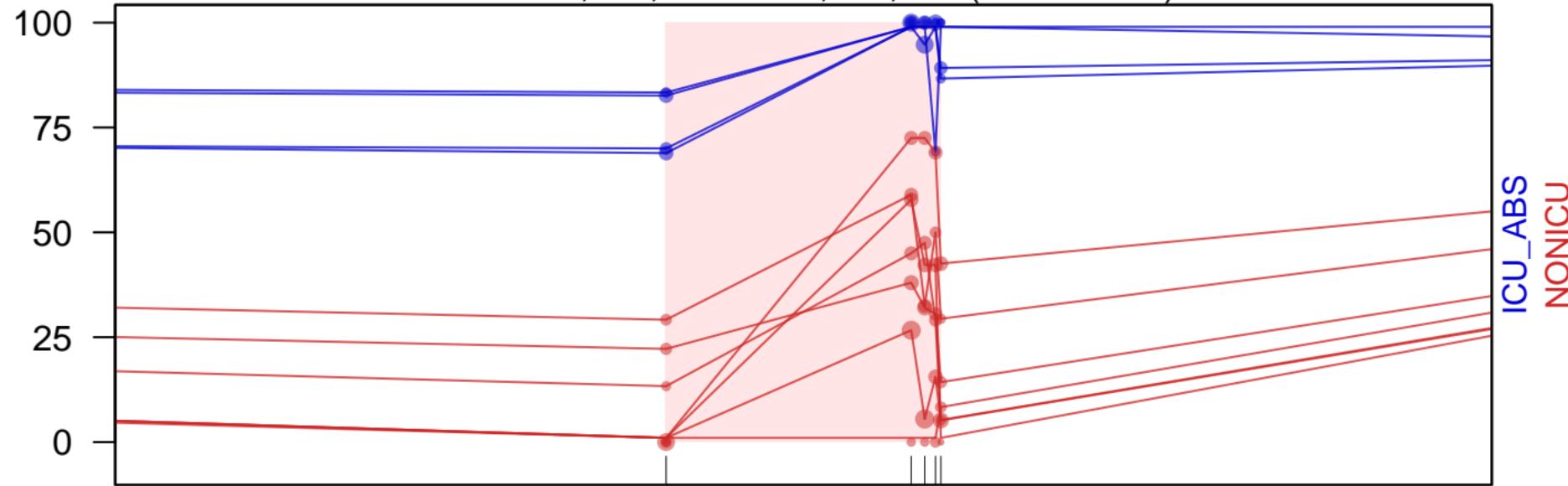
Methylation



Exons

chr9: 107,739,221 – 107,739,629 (width = 409)

Methylation



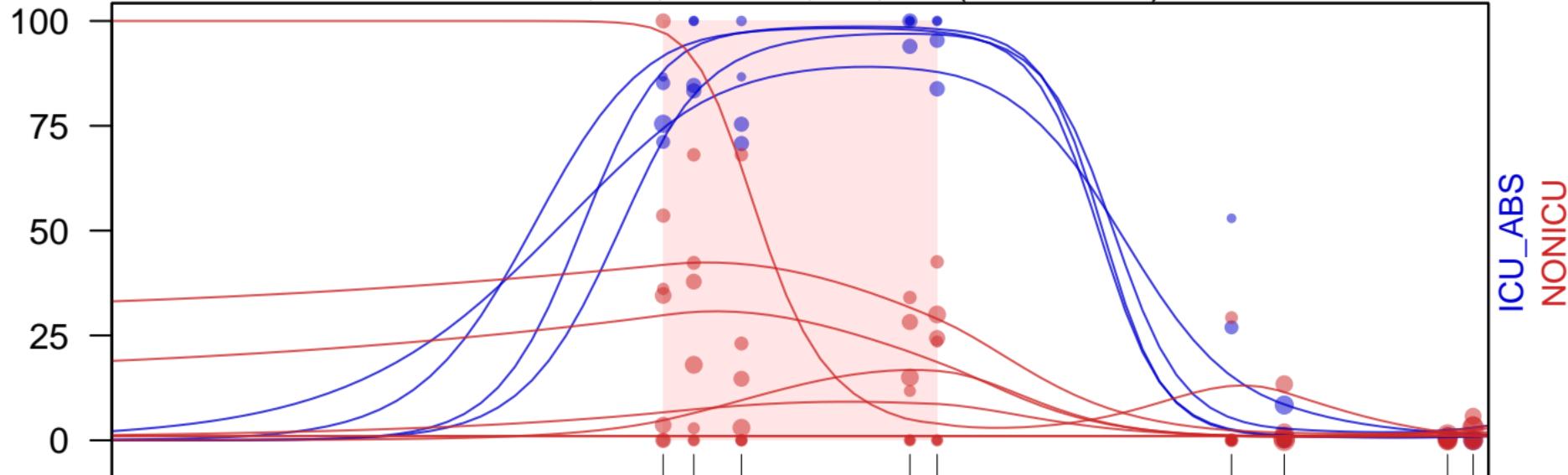
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 42,078,970 – 42,079,131 (width = 162)

Methylation



CpGs

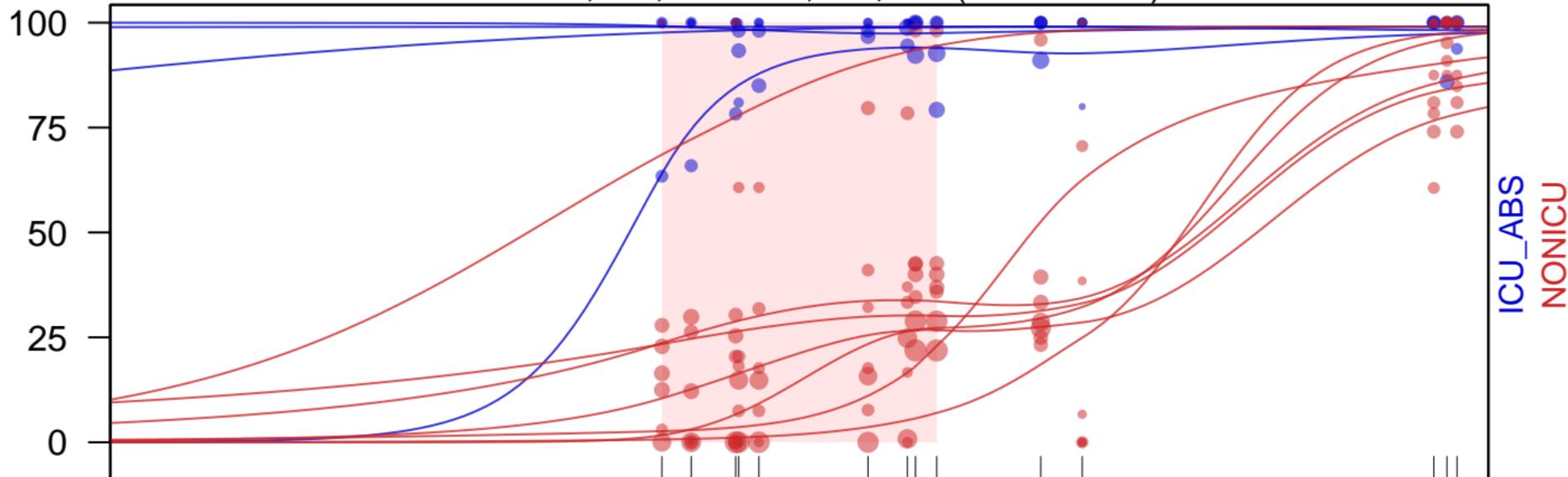
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr19: 16,363,188 – 16,363,460 (width = 273)

Methylation



CpGs

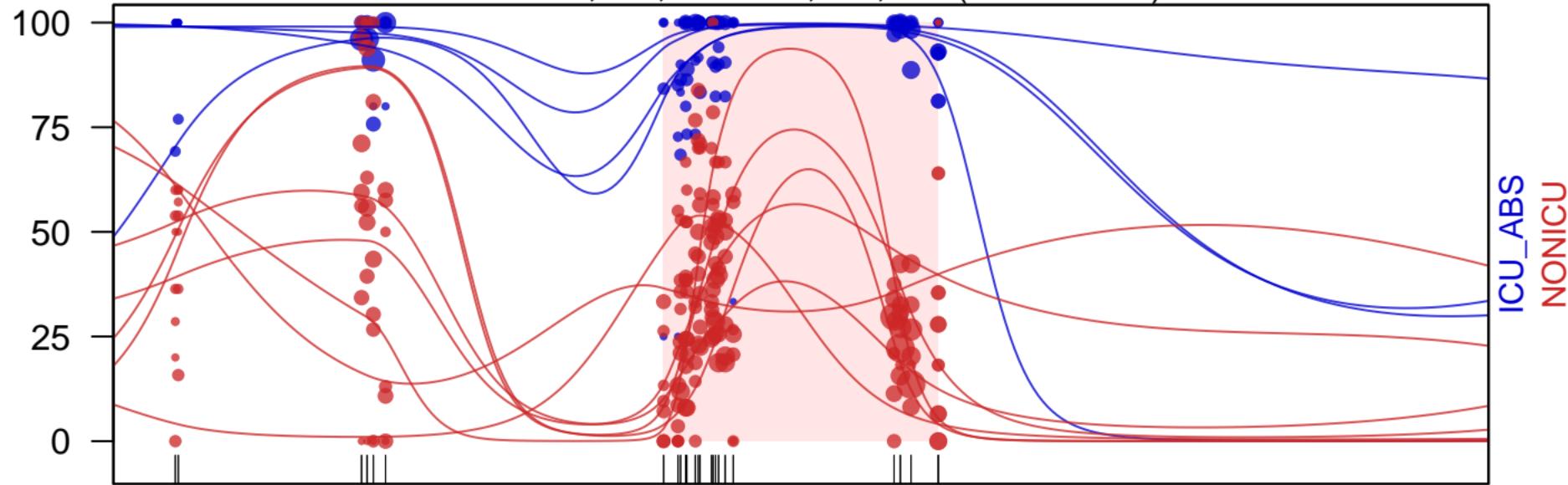
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr22: 46,085,052 – 46,085,797 (width = 746)

Methylation



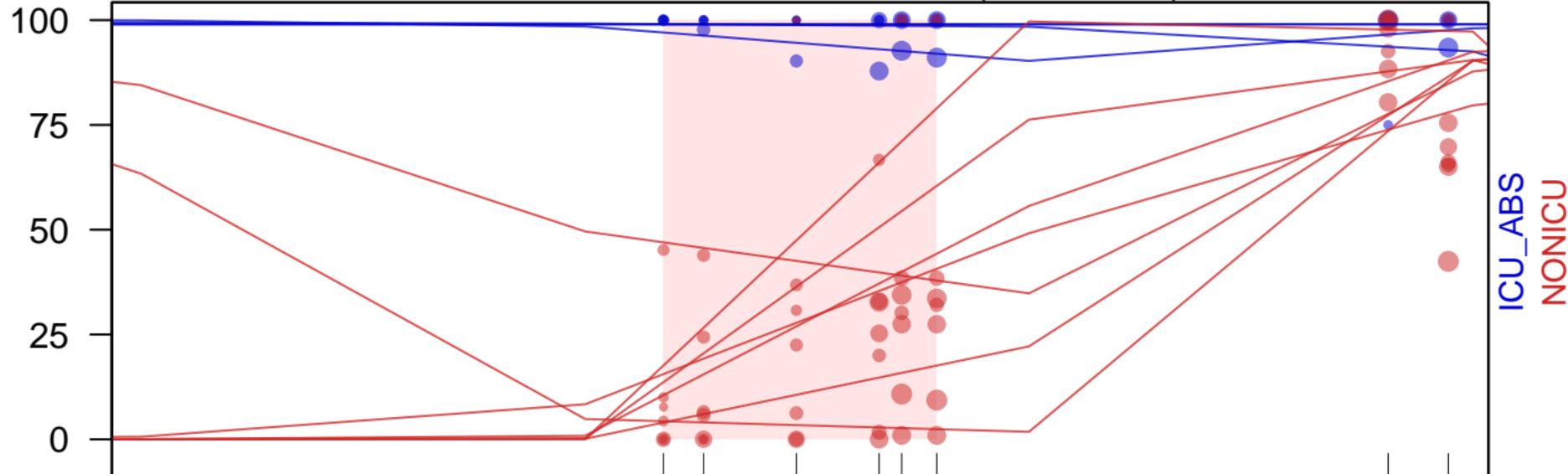
CpGs



Exons

chr10: 114,514,145 – 114,514,254 (width = 110)

Methylation

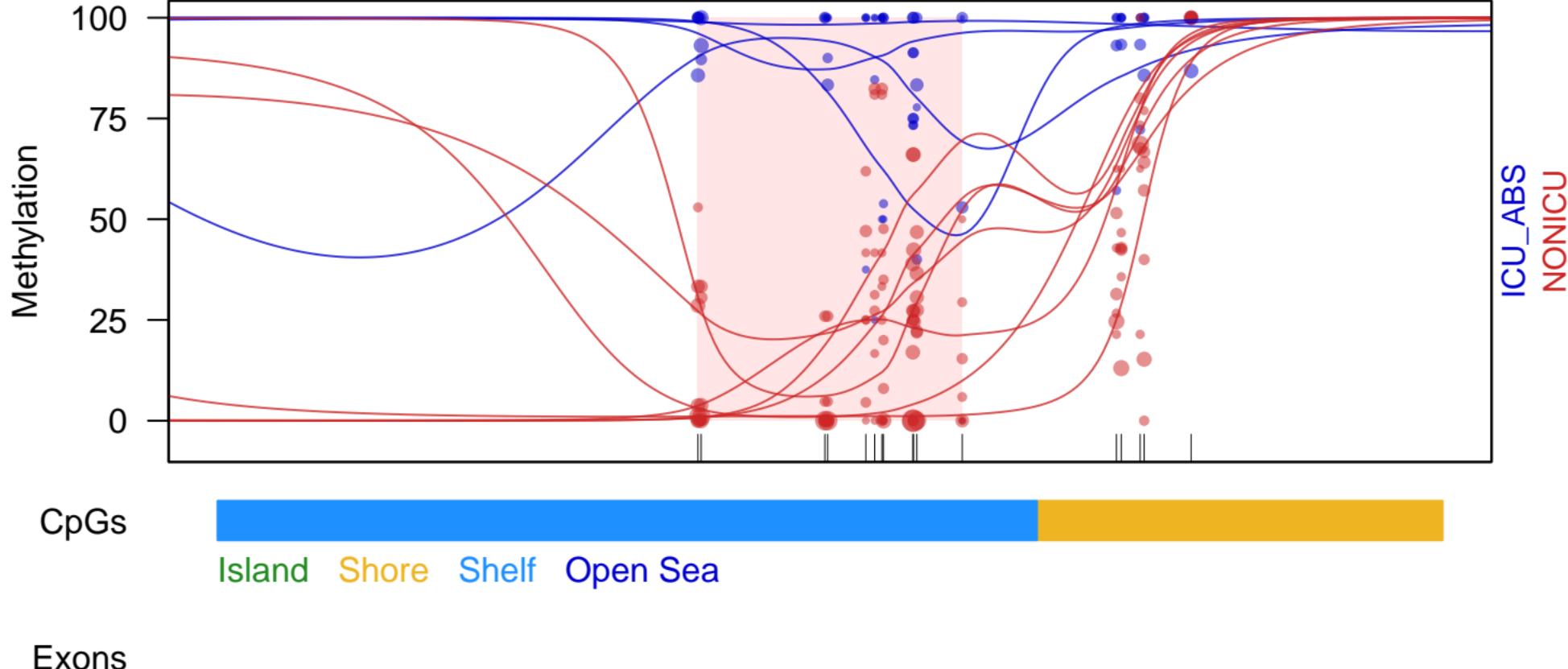


CpGs

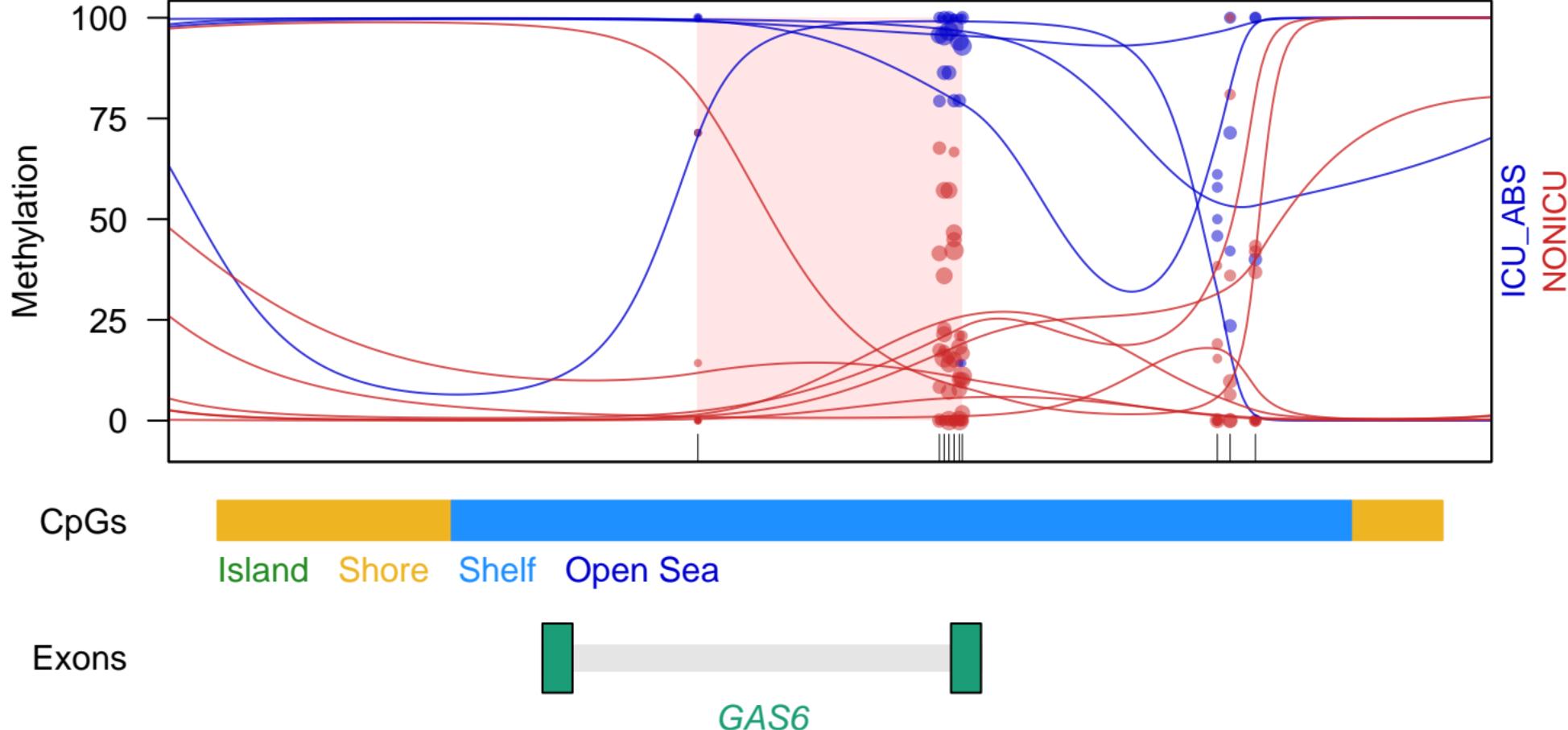
Island Shore Shelf Open Sea

Exons

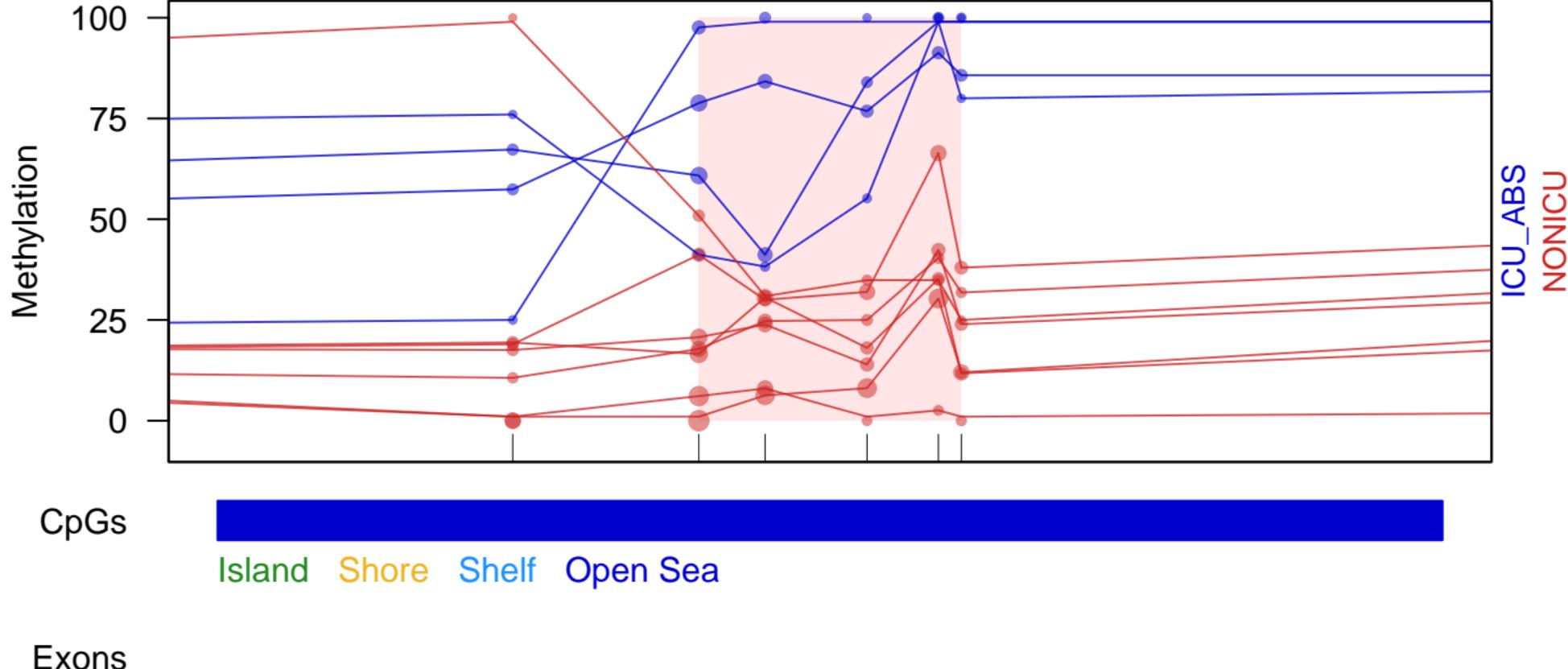
chr17: 81,991,379 – 81,992,037 (width = 659)



chr13: 113,838,740 – 113,839,734 (width = 995)

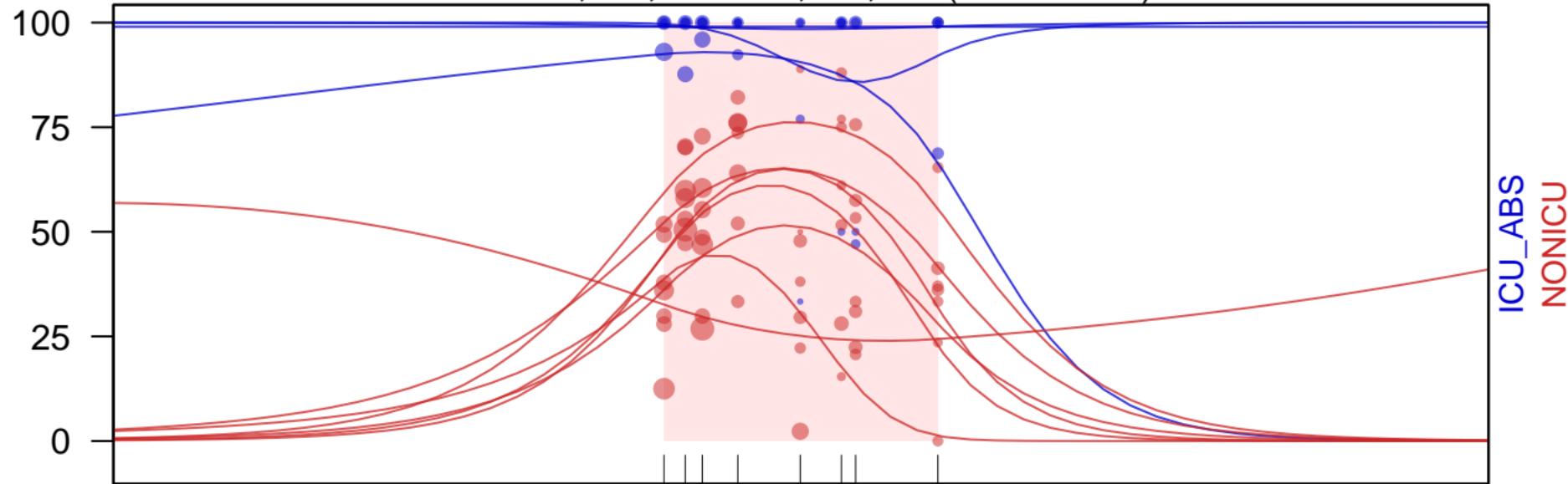


chr8: 141,406,347 – 141,406,450 (width = 104)



chr7: 66,089,146 – 66,089,339 (width = 194)

Methylation



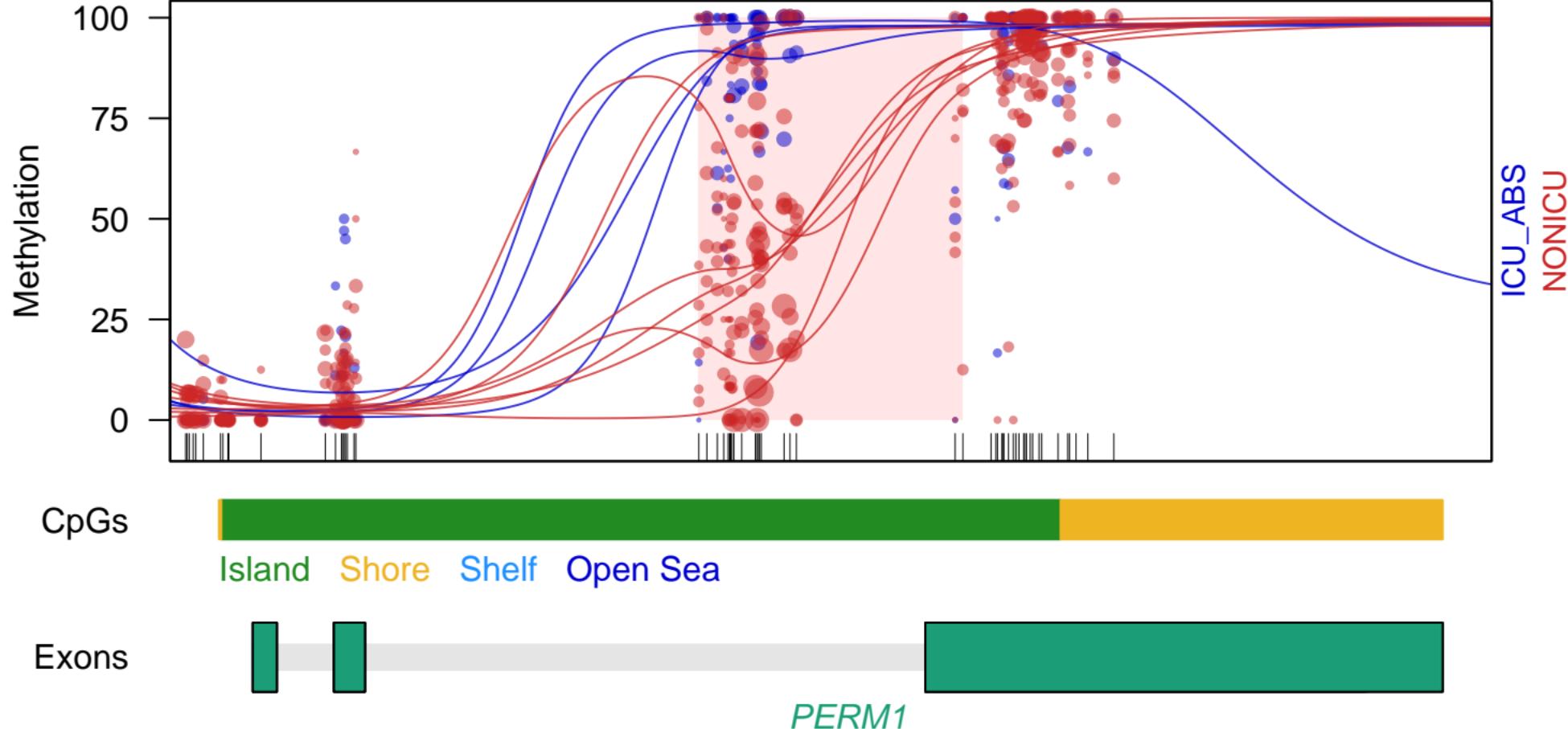
CpGs

Island Shore Shelf Open Sea

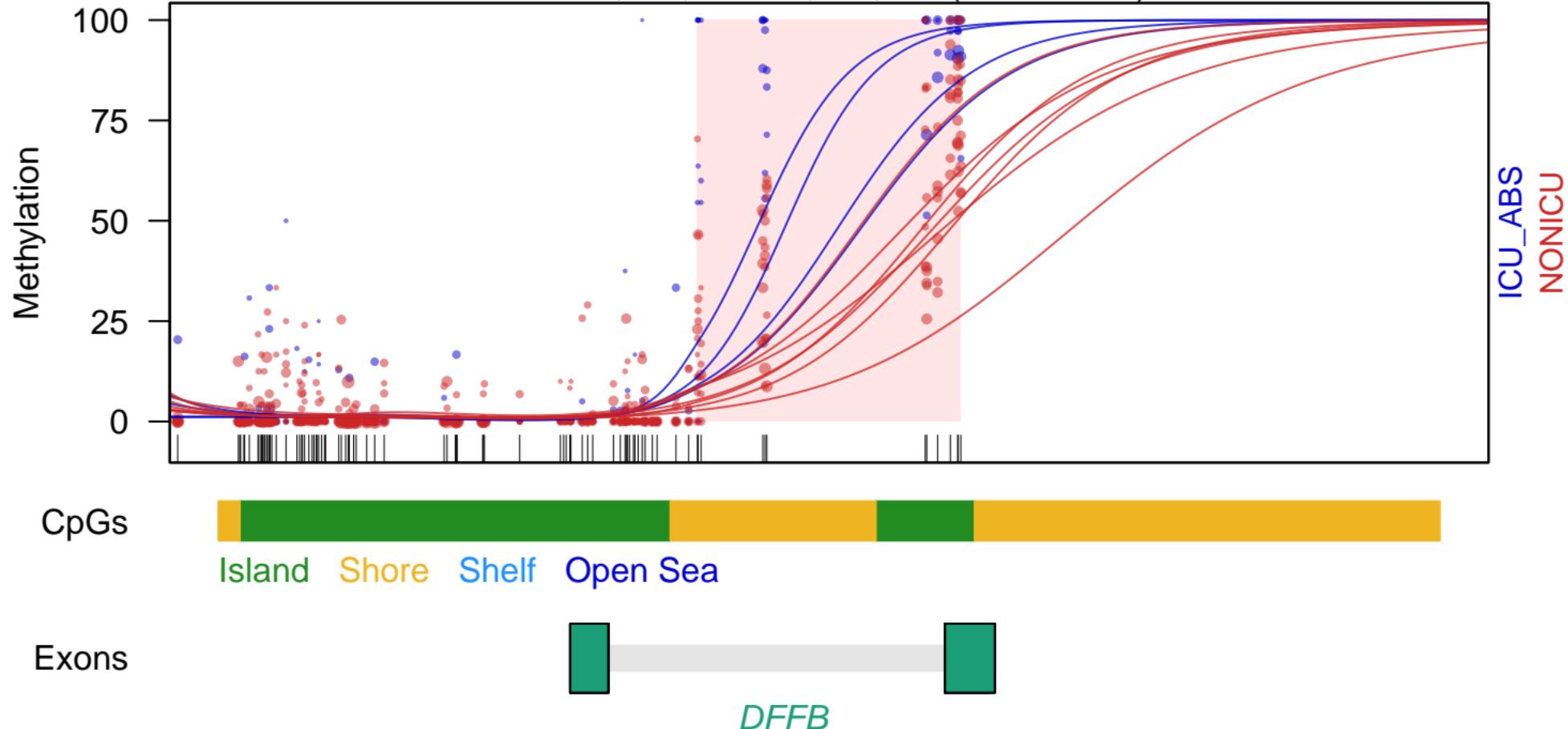
Exons

ASL

chr1: 978,008 – 978,993 (width = 986)

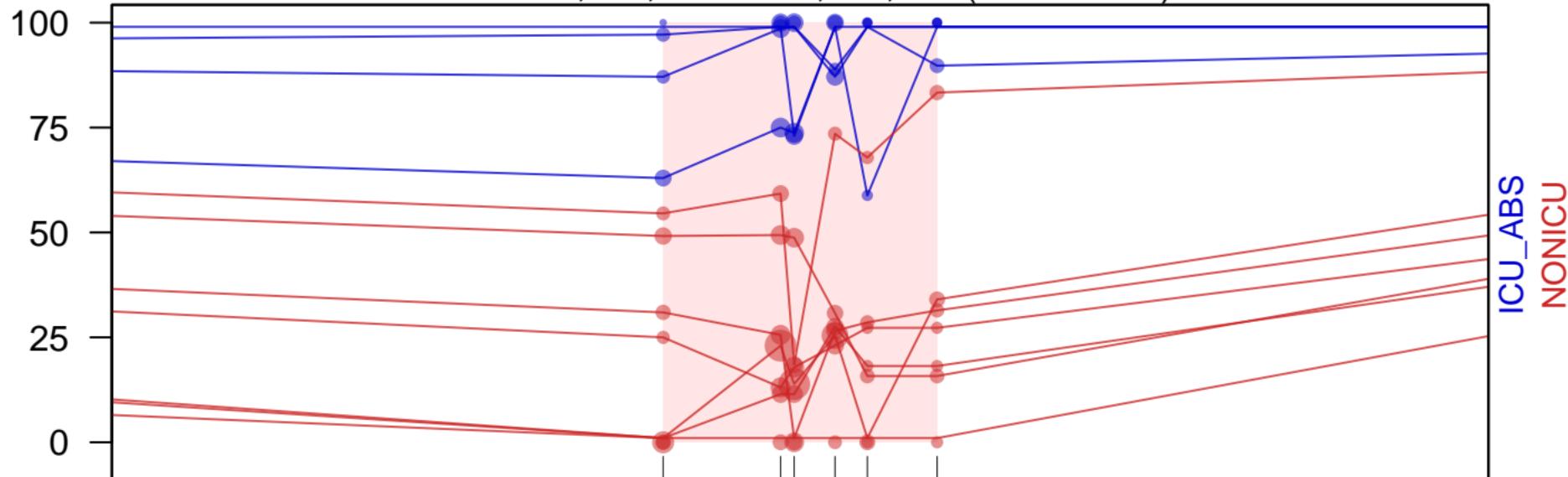


chr1: 3,858,011 – 3,858,736 (width = 726)



chr1: 246,795,042 – 246,795,203 (width = 162)

Methylation

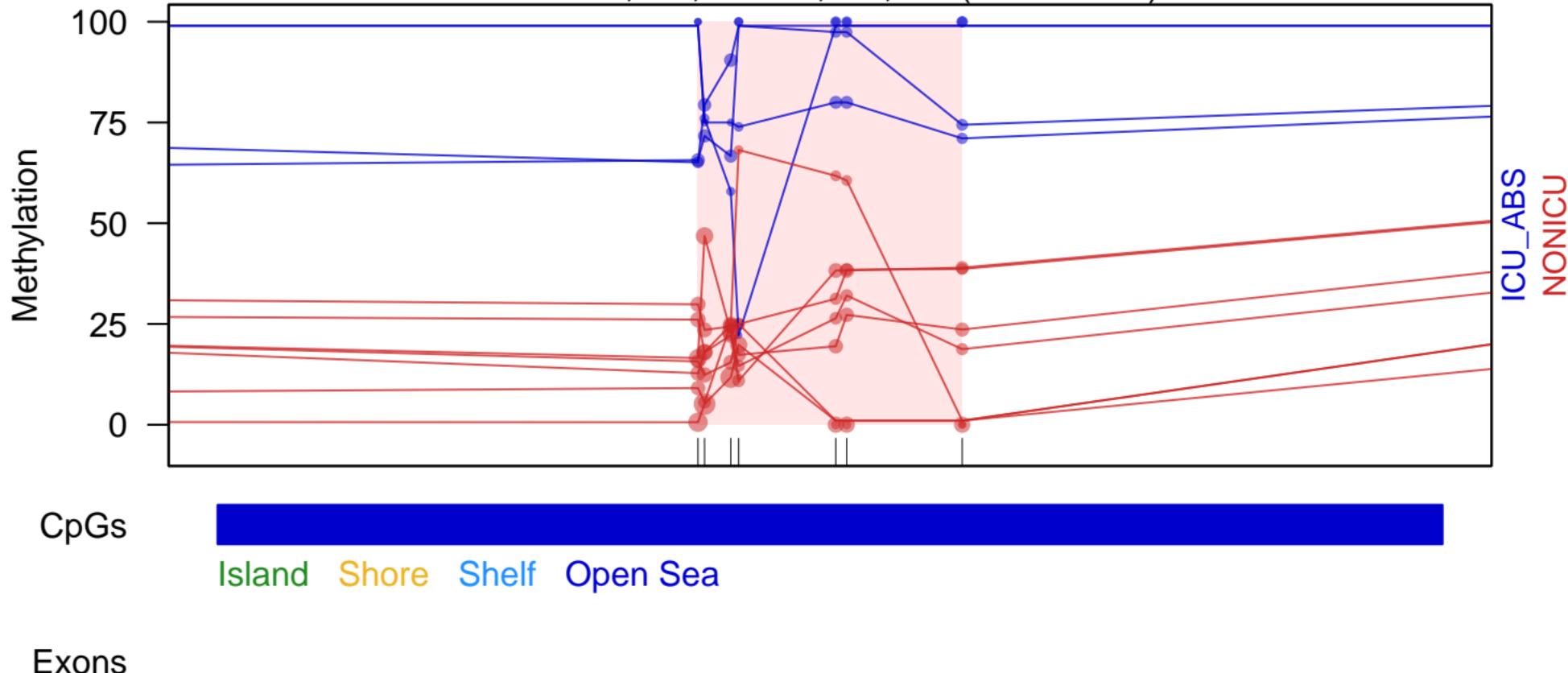


CpGs

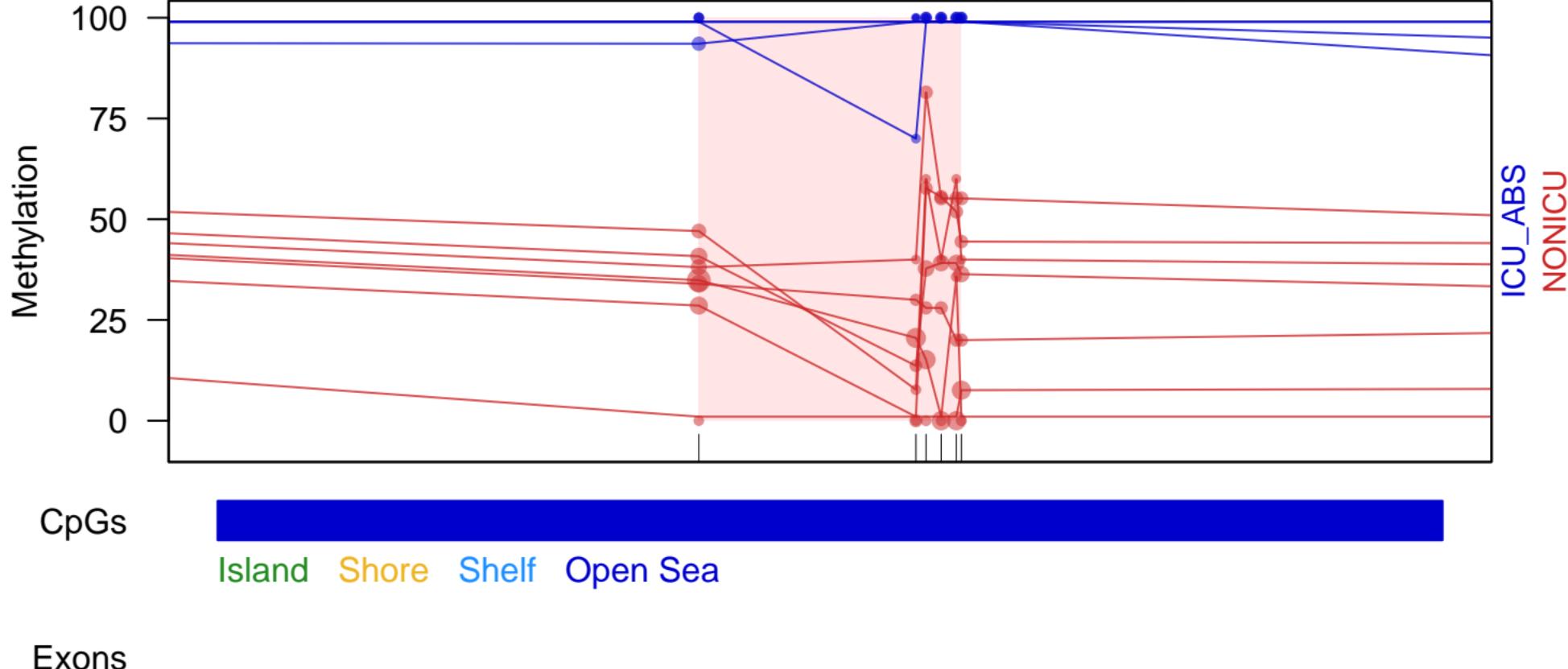
Island Shore Shelf Open Sea

Exons

chr17: 2,563,173 – 2,563,777 (width = 605)

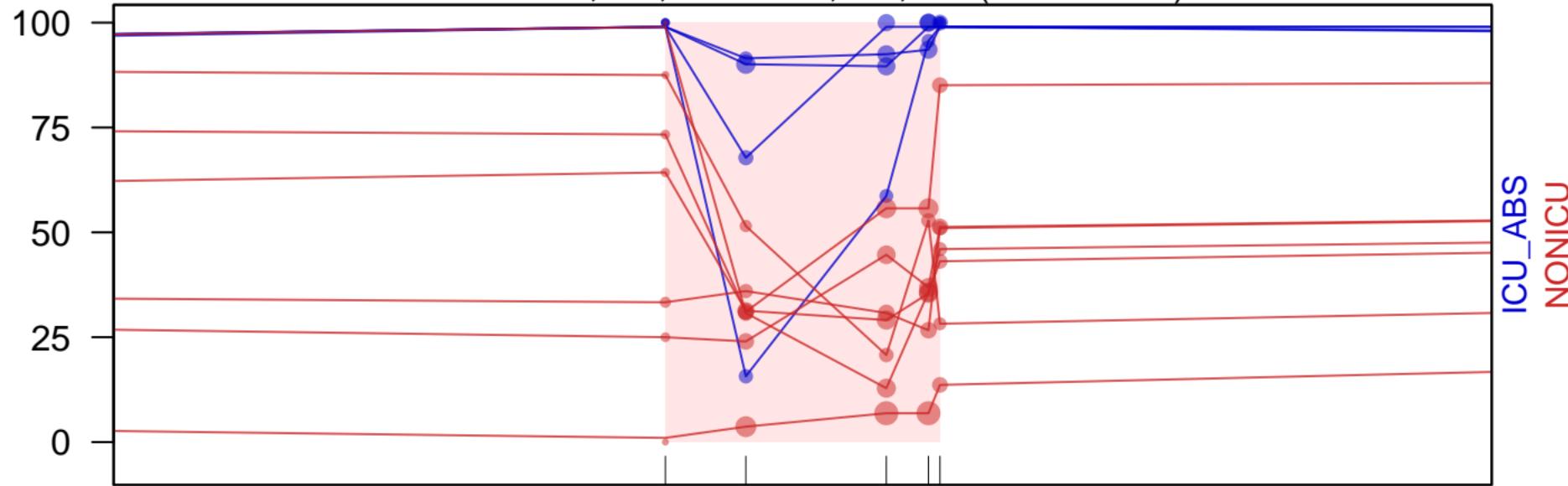


chr8: 143,886,321 – 143,886,425 (width = 105)



chr13: 106,362,688 – 106,362,903 (width = 216)

Methylation



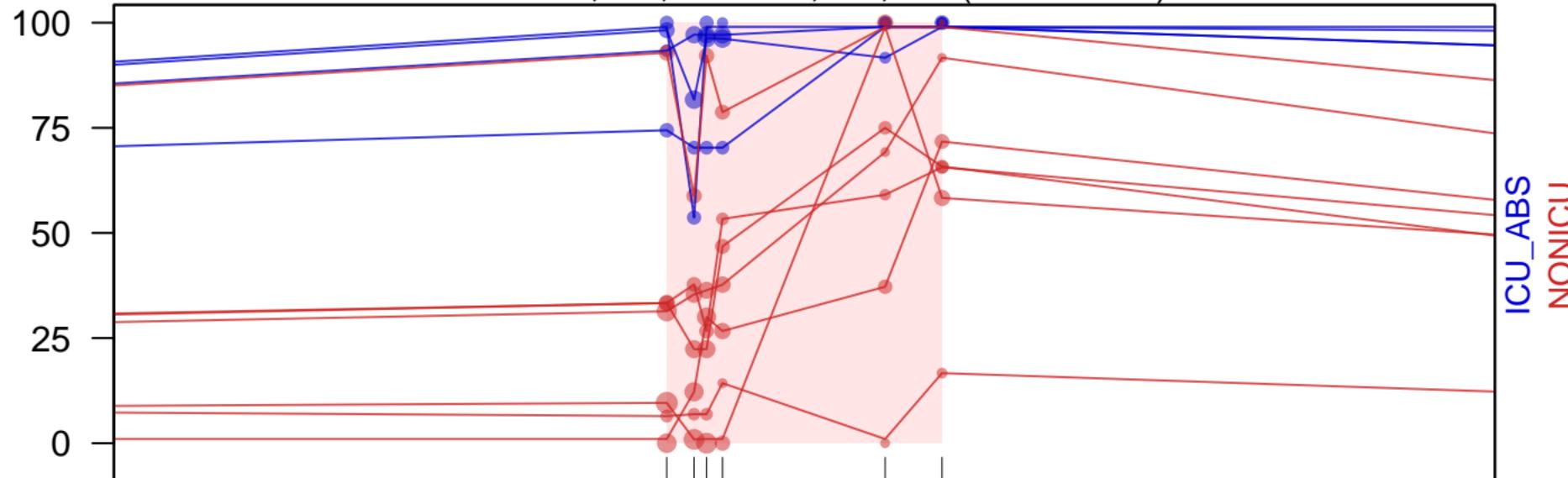
CpGs

Island Shore Shelf Open Sea

Exons

chr10: 79,452,450 – 79,452,692 (width = 243)

Methylation



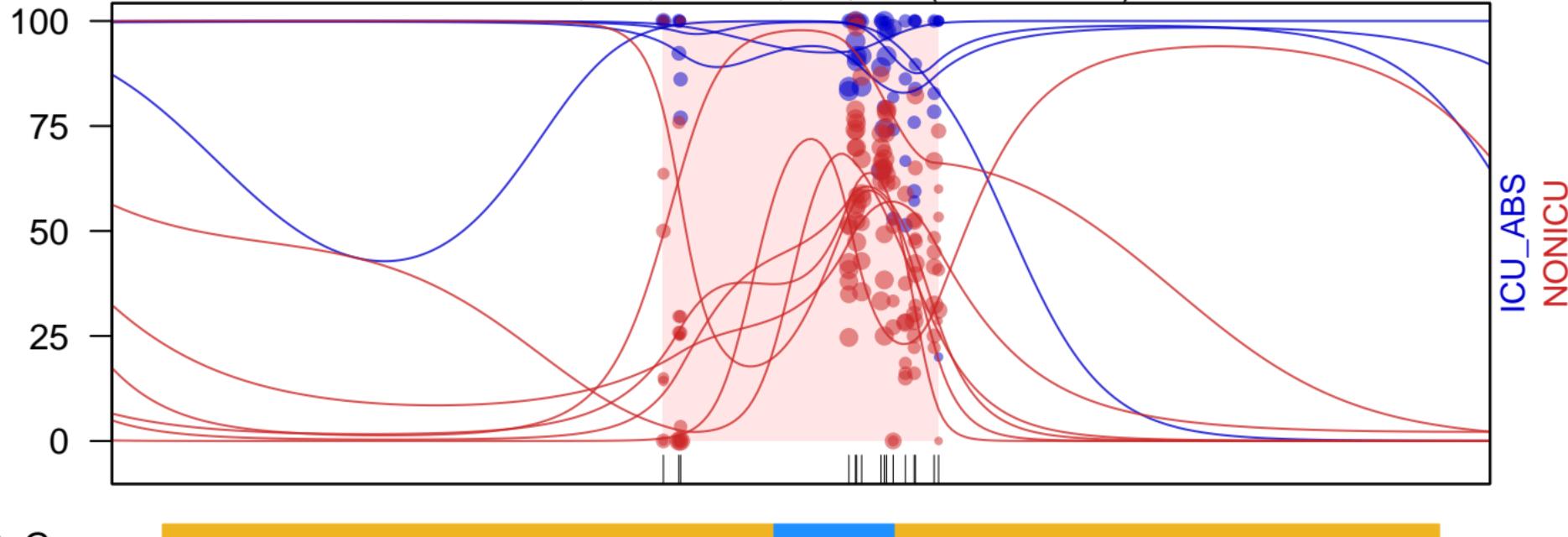
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 2,523,372 – 2,523,869 (width = 498)

Methylation

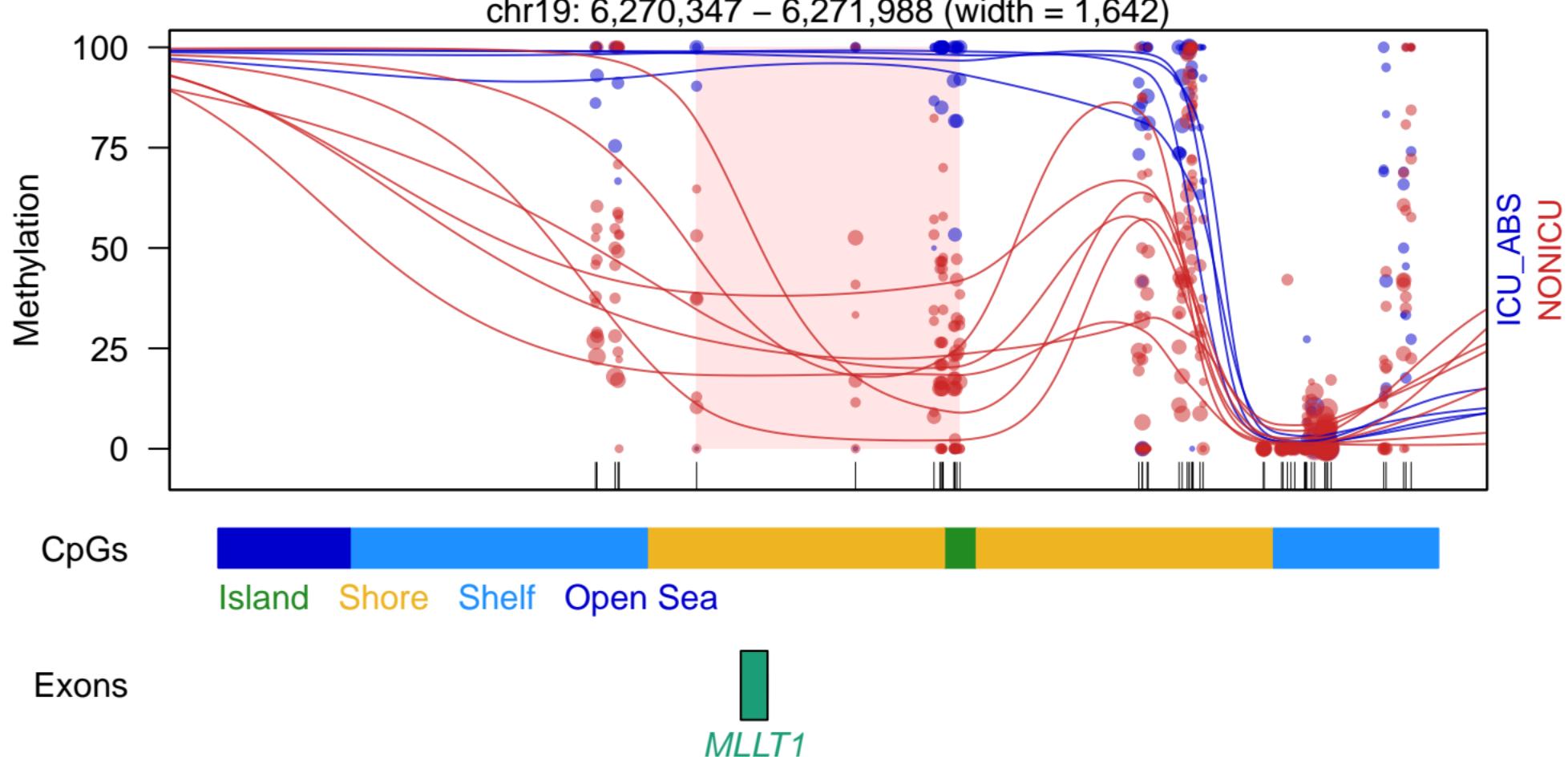


CpGs

Island Shore Shelf Open Sea

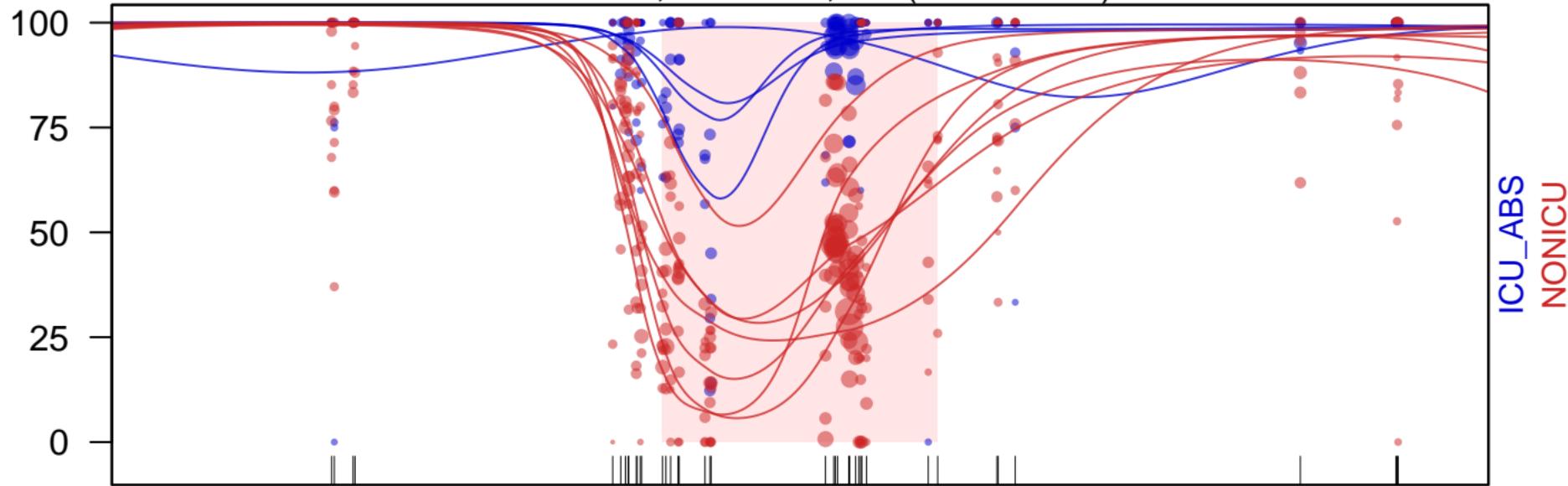
Exons

chr19: 6,270,347 – 6,271,988 (width = 1,642)



chr16: 825,257 – 826,250 (width = 994)

Methylation

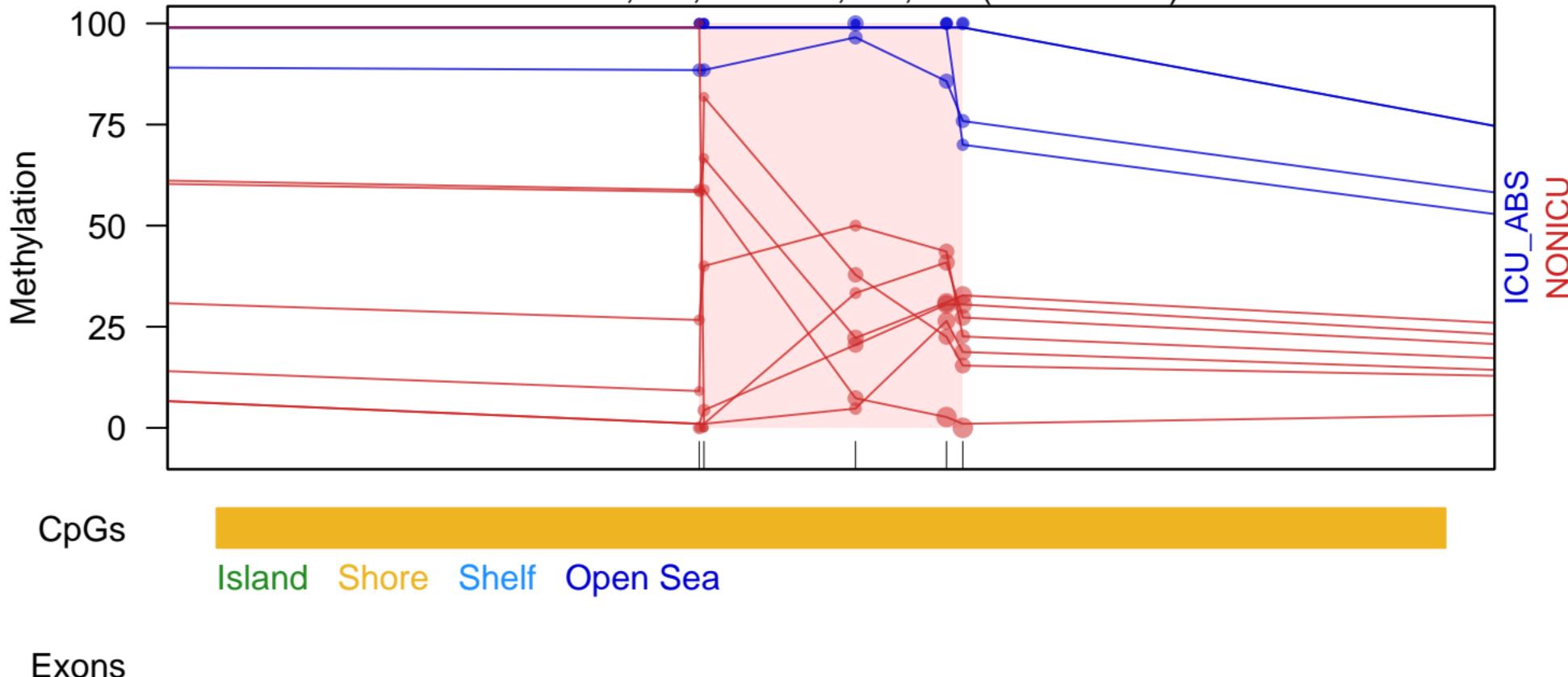


CpGs



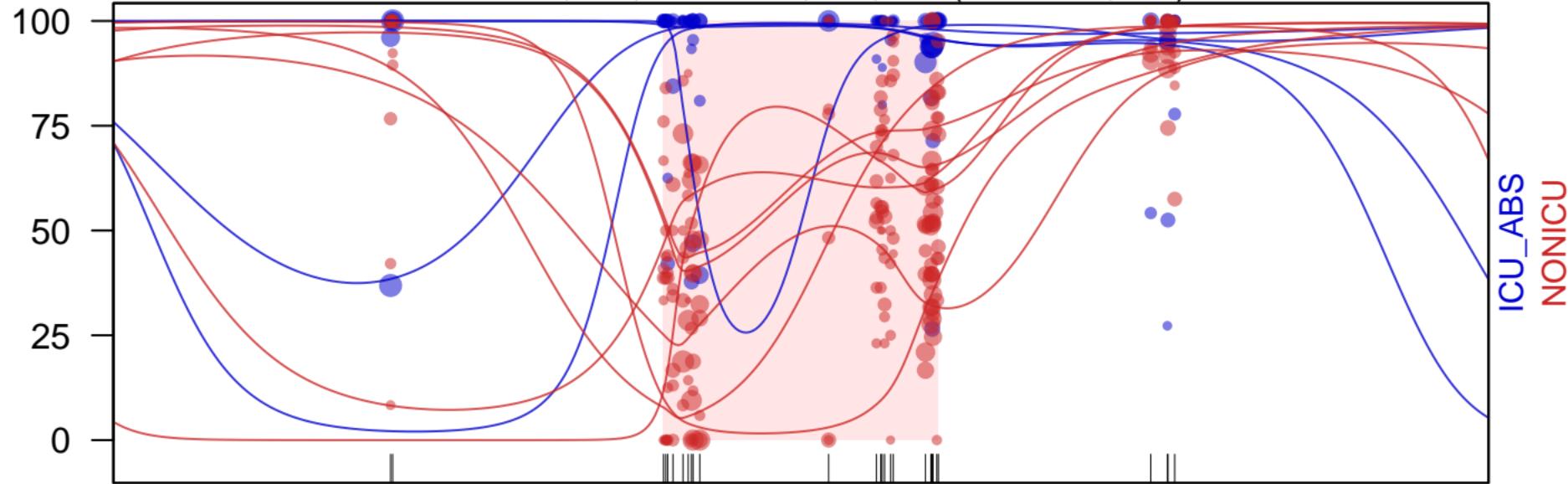
Exons

chr15: 67,253,147 – 67,253,260 (width = 114)



chr7: 151,694,874 – 151,696,299 (width = 1,426)

Methylation



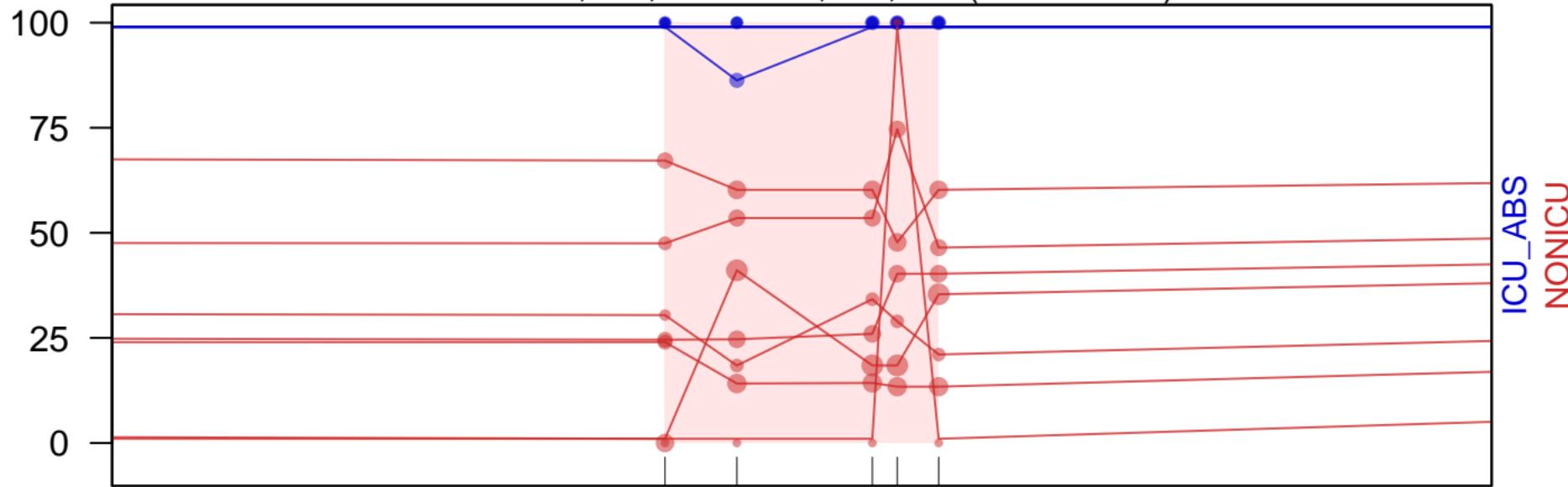
CpGs

Island Shore Shelf Open Sea

Exons

chr5: 168,819,343 – 168,819,442 (width = 100)

Methylation



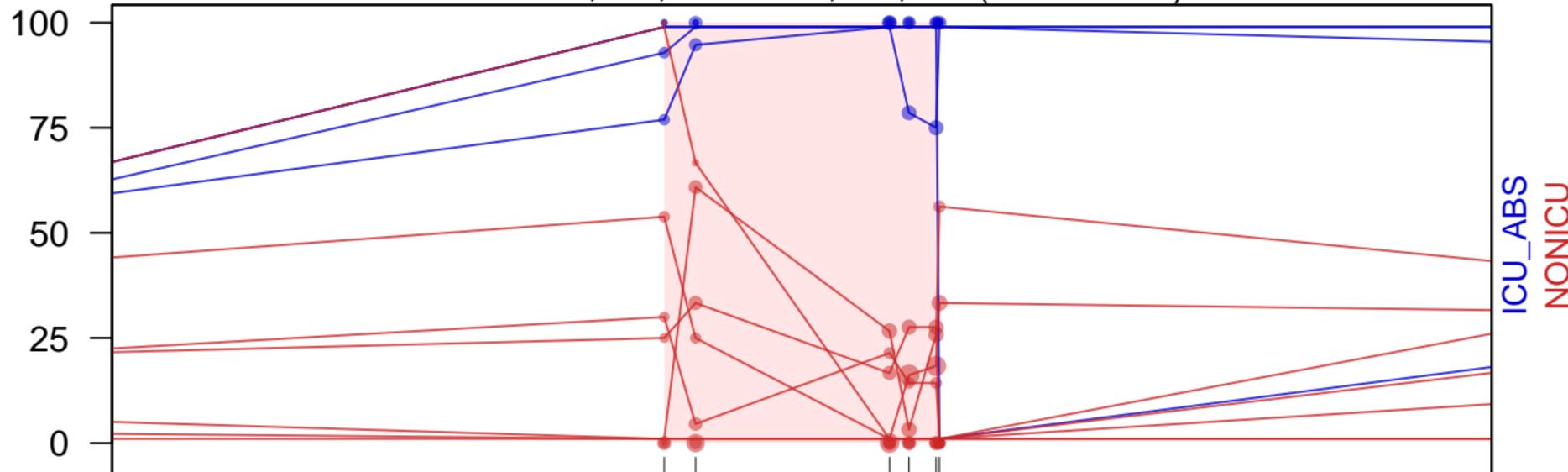
CpGs

Island Shore Shelf Open Sea

Exons

chr14: 104,970,205 – 104,970,530 (width = 326)

Methylation

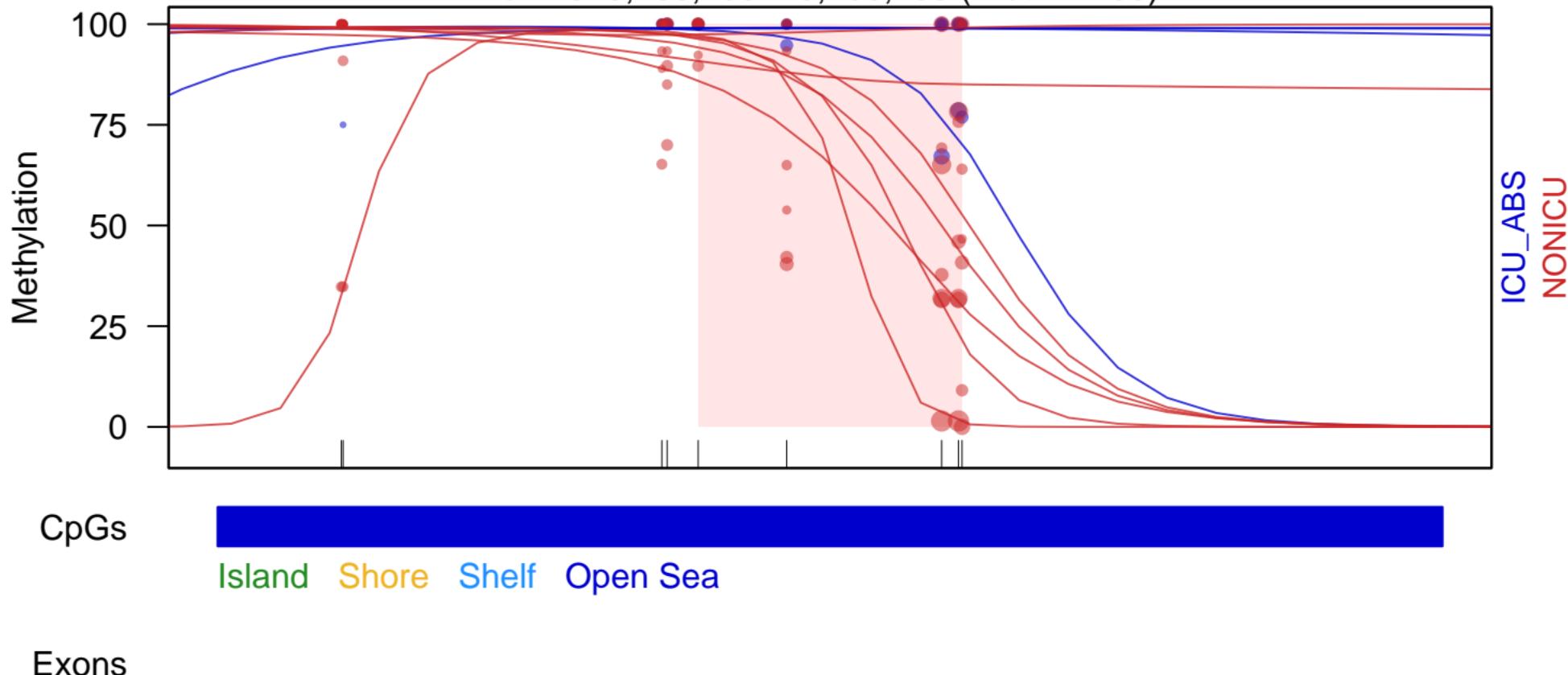


CpGs

Island Shore Shelf Open Sea

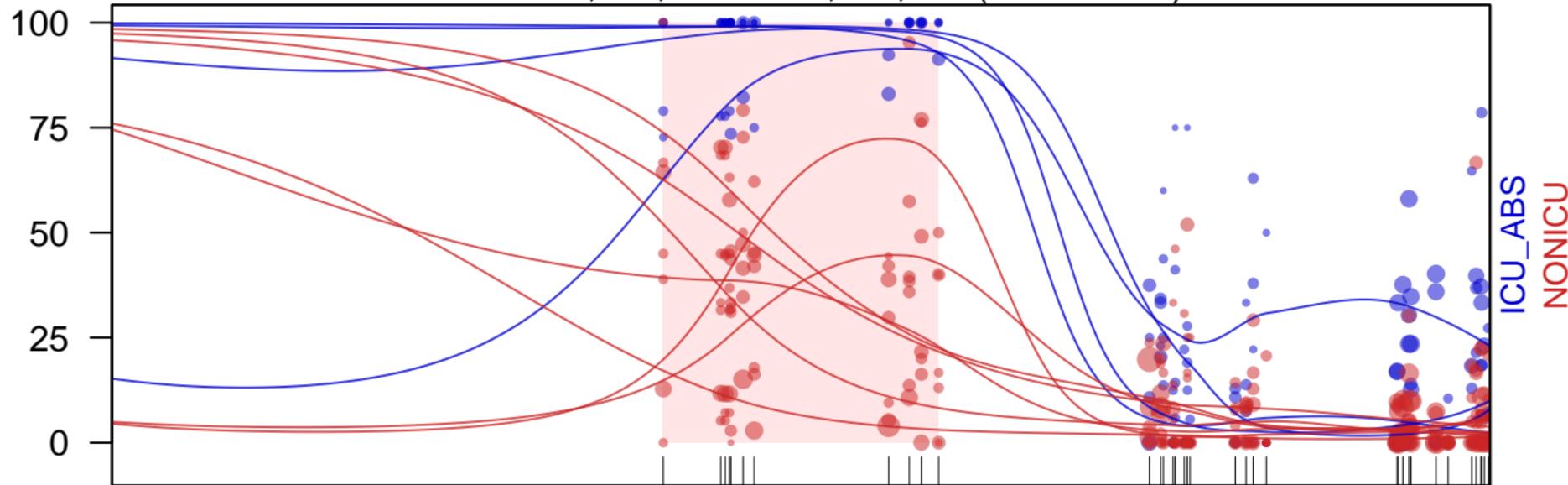
Exons

chr19: 9,700,435 – 9,700,733 (width = 299)



chr12: 124,515,952 – 124,516,767 (width = 816)

Methylation



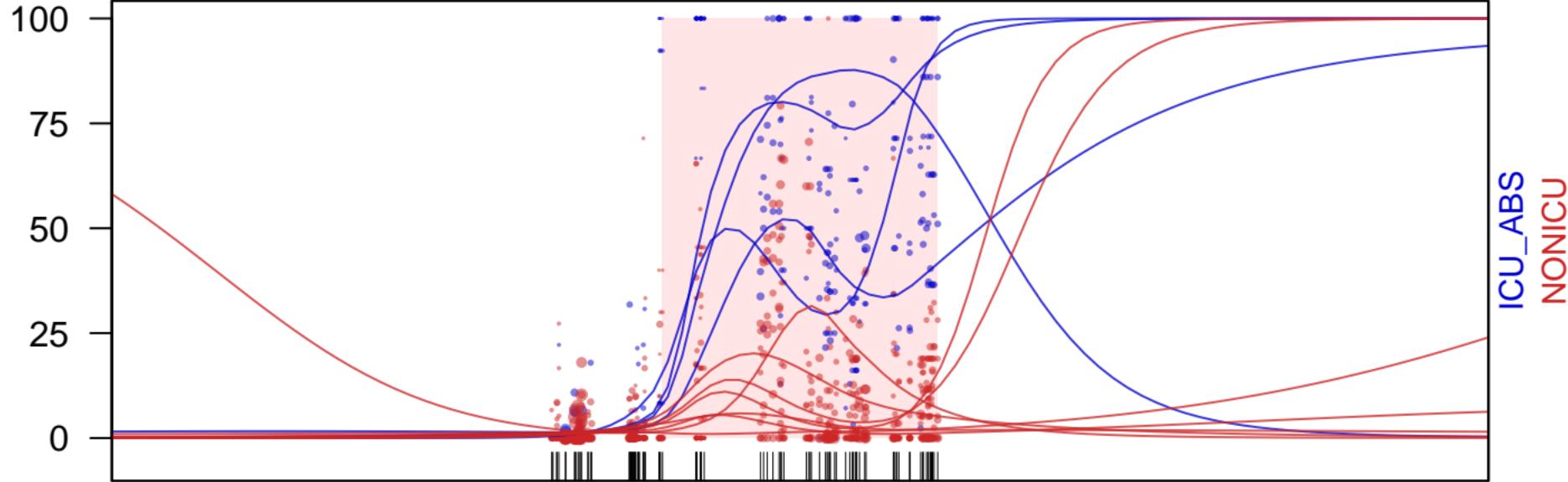
CpGs



Exons

chr1: 201,648,924 – 201,650,616 (width = 1,693)

Methylation



CpGs

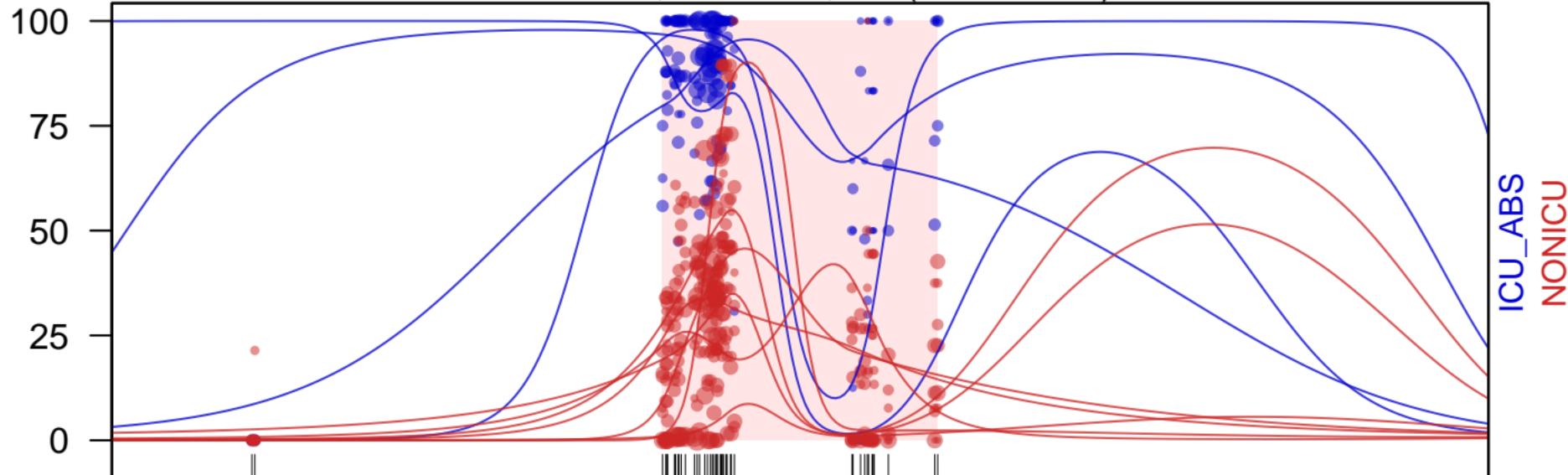


Exons



chr11: 315,740 – 316,671 (width = 932)

Methylation



CpGs

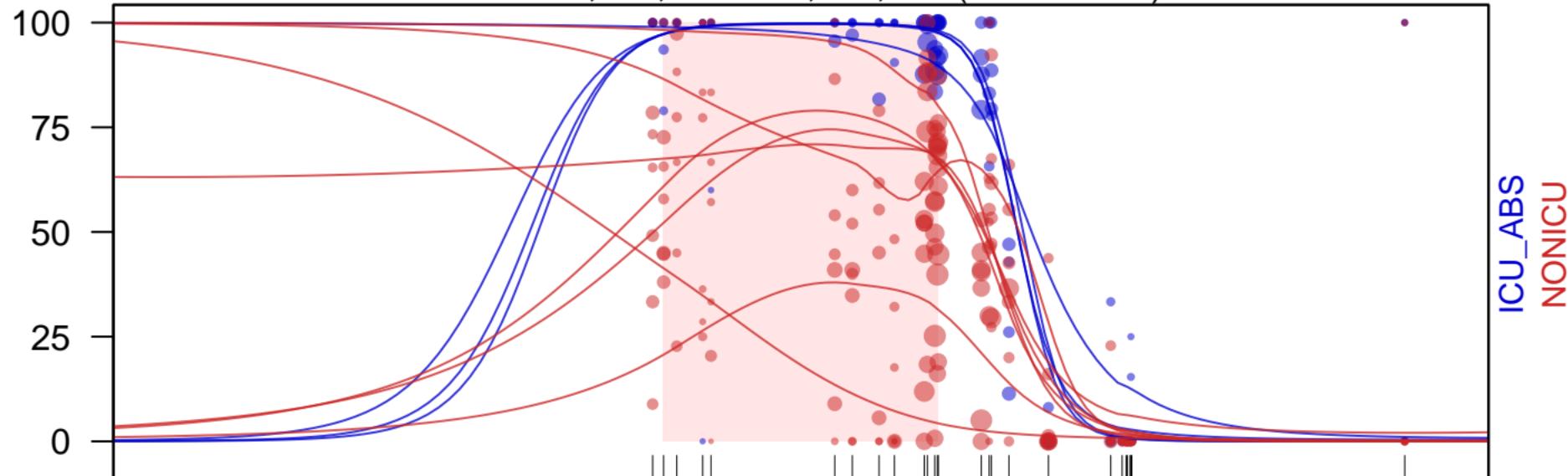


Exons



chr17: 19,743,733 – 19,744,359 (width = 627)

Methylation



CpGs



Island Shore Shelf Open Sea

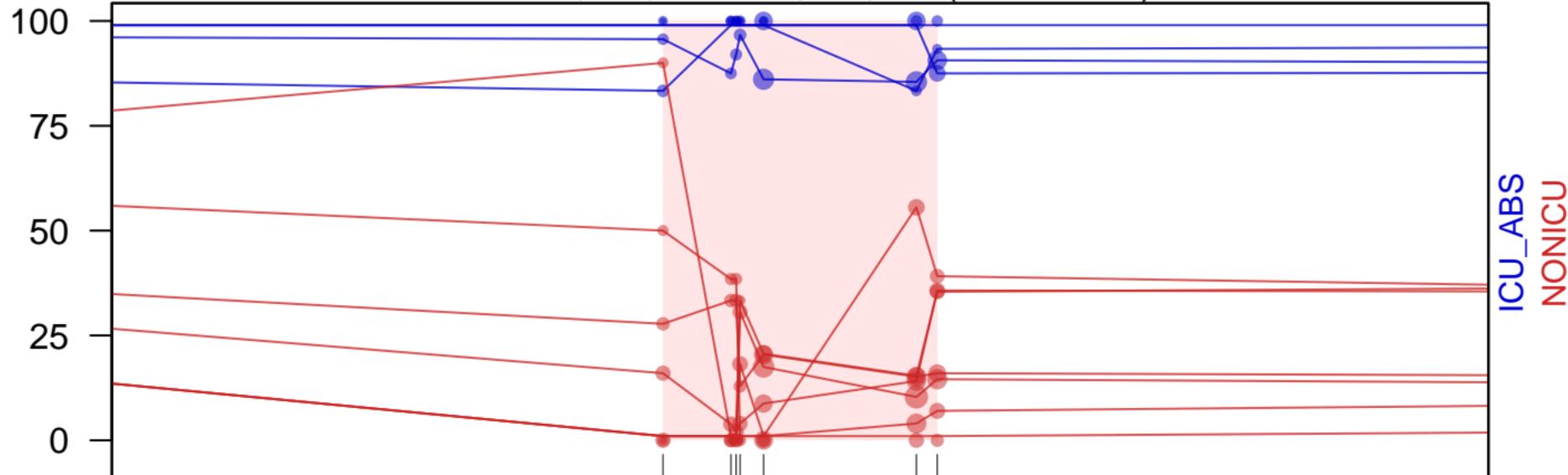
Exons



ALDH3A1

chr2: 20,172,210 – 20,172,420 (width = 211)

Methylation



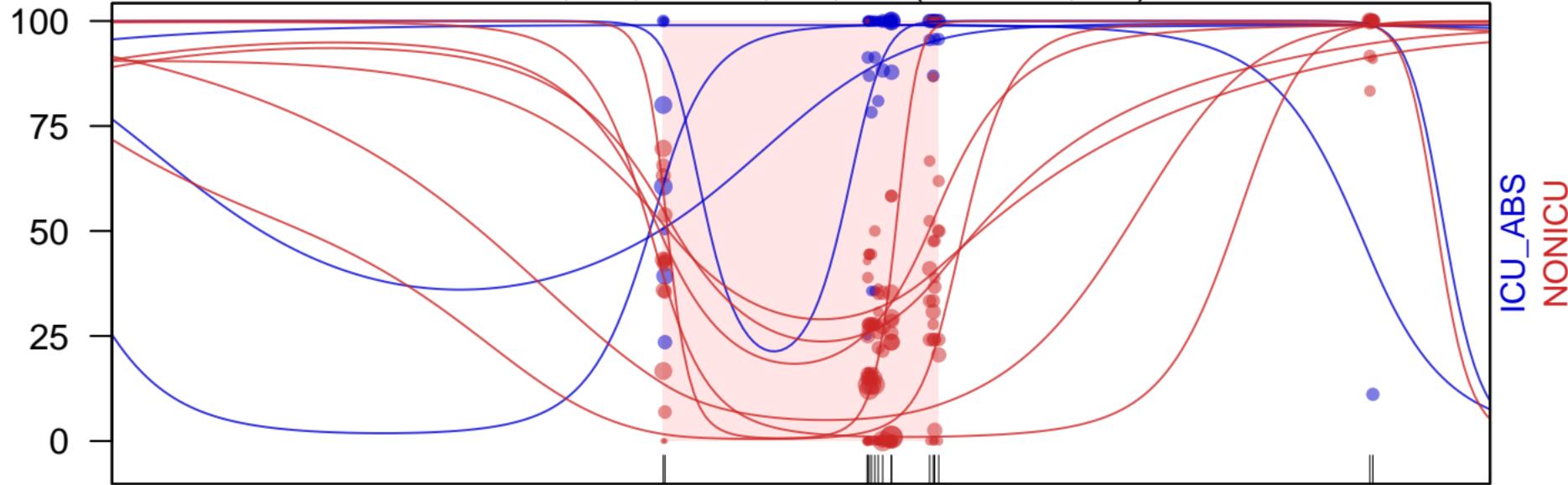
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 3,689,582 – 3,690,880 (width = 1,299)

Methylation



CpGs

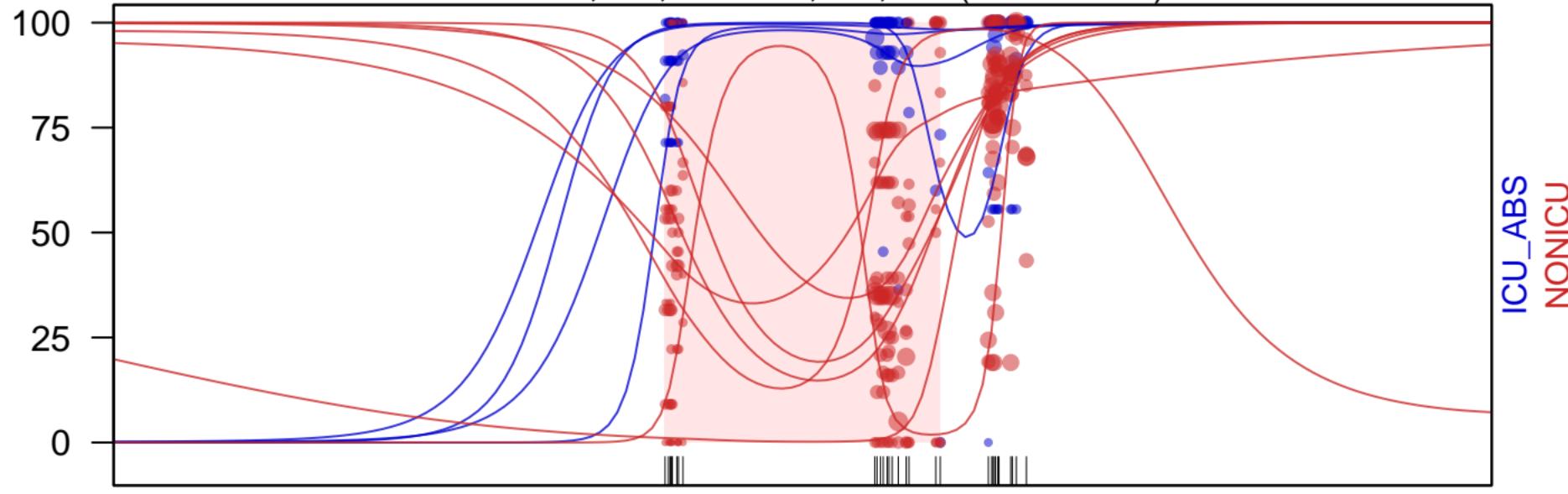


Exons

TP73

chr16: 57,528,655 – 57,529,147 (width = 493)

Methylation



CpGs

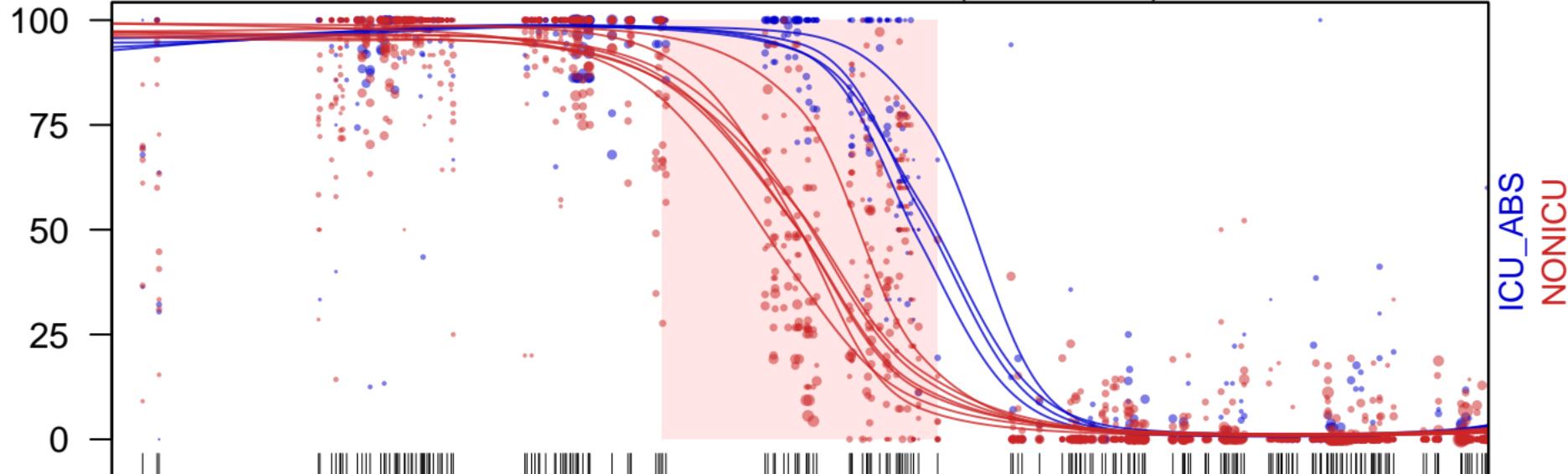


Exons



chr22: 27,799,425 – 27,800,246 (width = 822)

Methylation



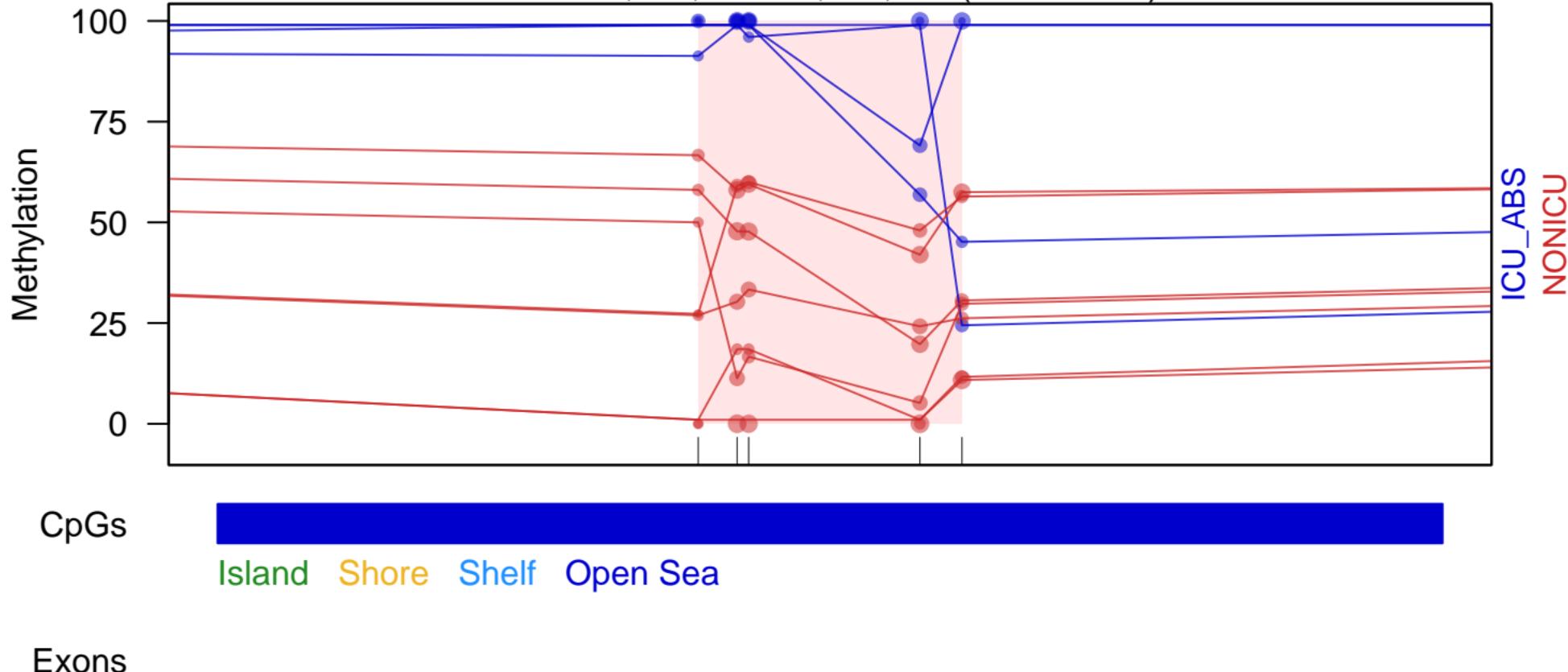
CpGs

Island Shore Shelf Open Sea

Exons

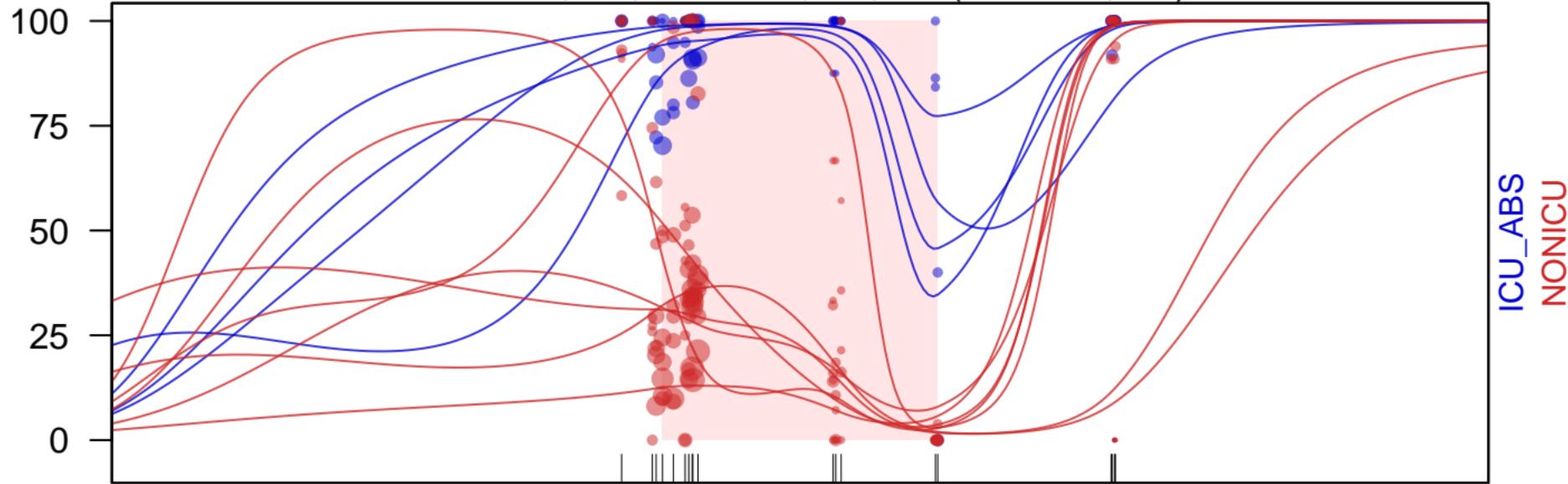
MN1

chr17: 4,315,968 – 4,316,219 (width = 252)



chr1: 225,815,849 – 225,817,875 (width = 2,027)

Methylation



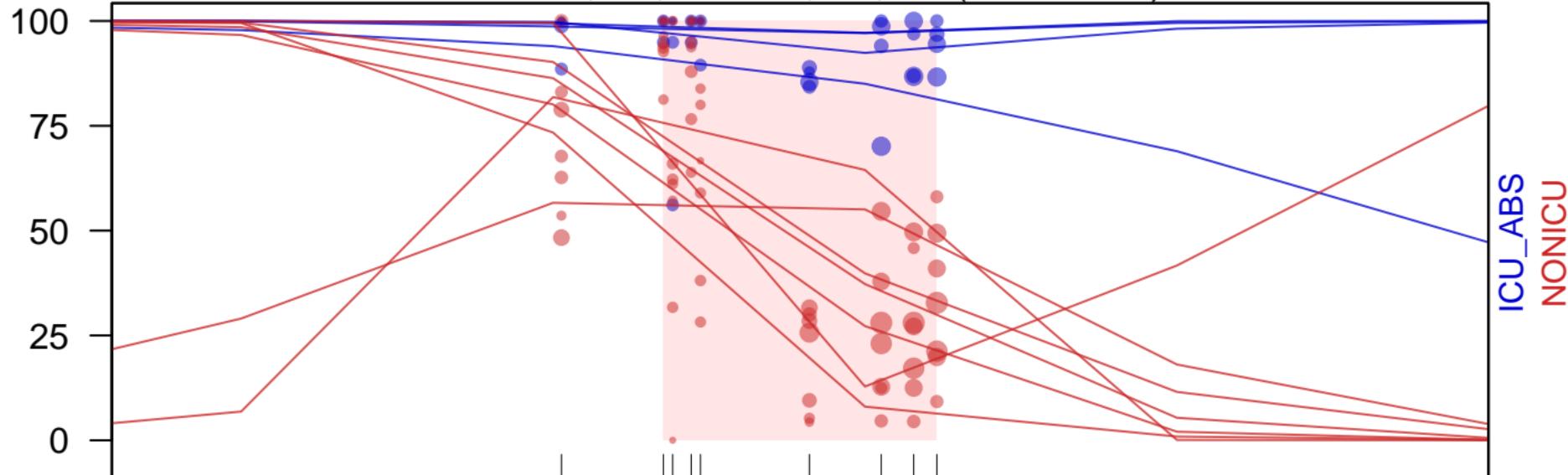
CpGs



Exons

chr19: 43,129,064 – 43,129,182 (width = 119)

Methylation



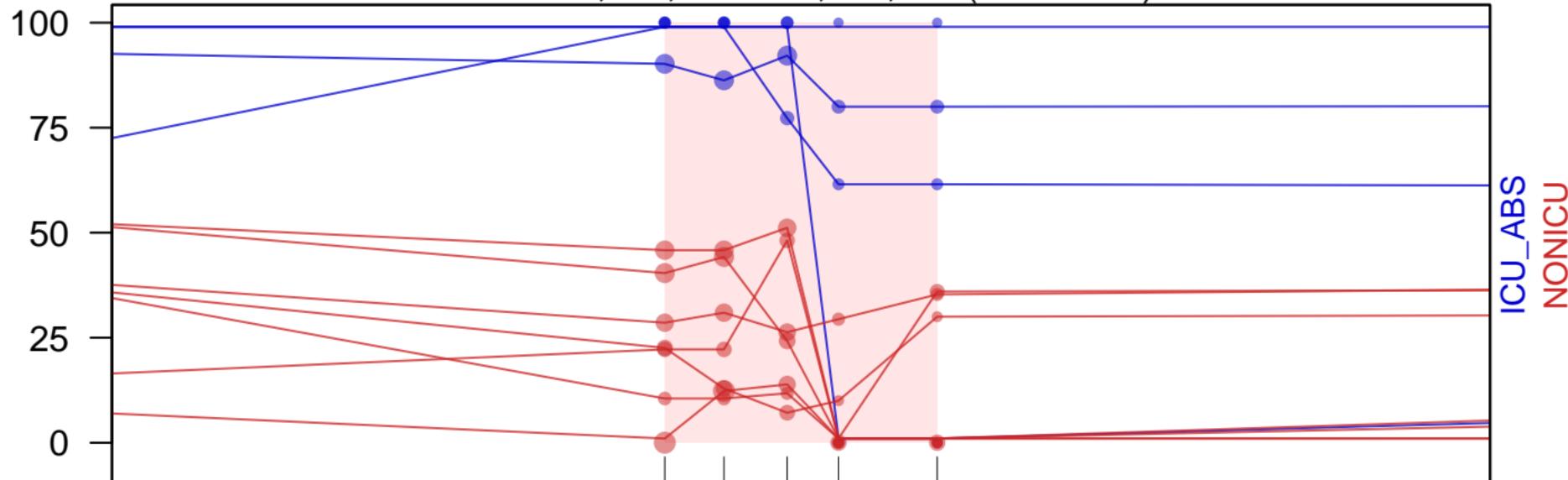
CpGs

Island Shore Shelf Open Sea

Exons

chr15: 99,431,174 – 99,431,243 (width = 70)

Methylation



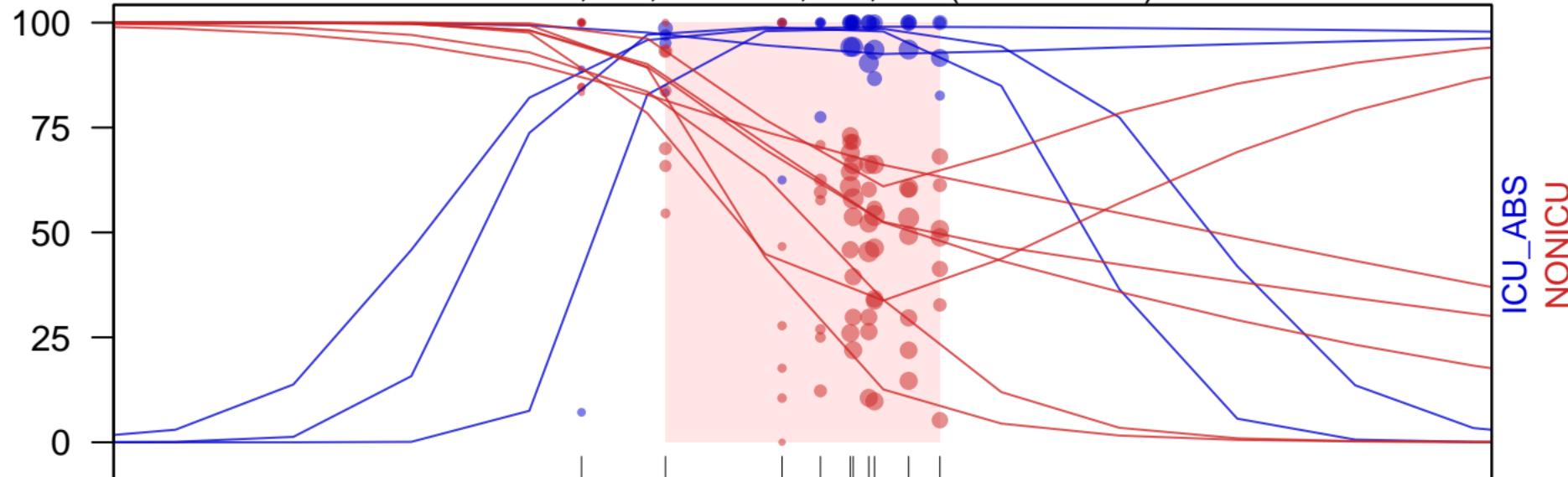
CpGs

Island Shore Shelf Open Sea

Exons

chr3: 16,377,820 – 16,378,013 (width = 194)

Methylation



CpGs

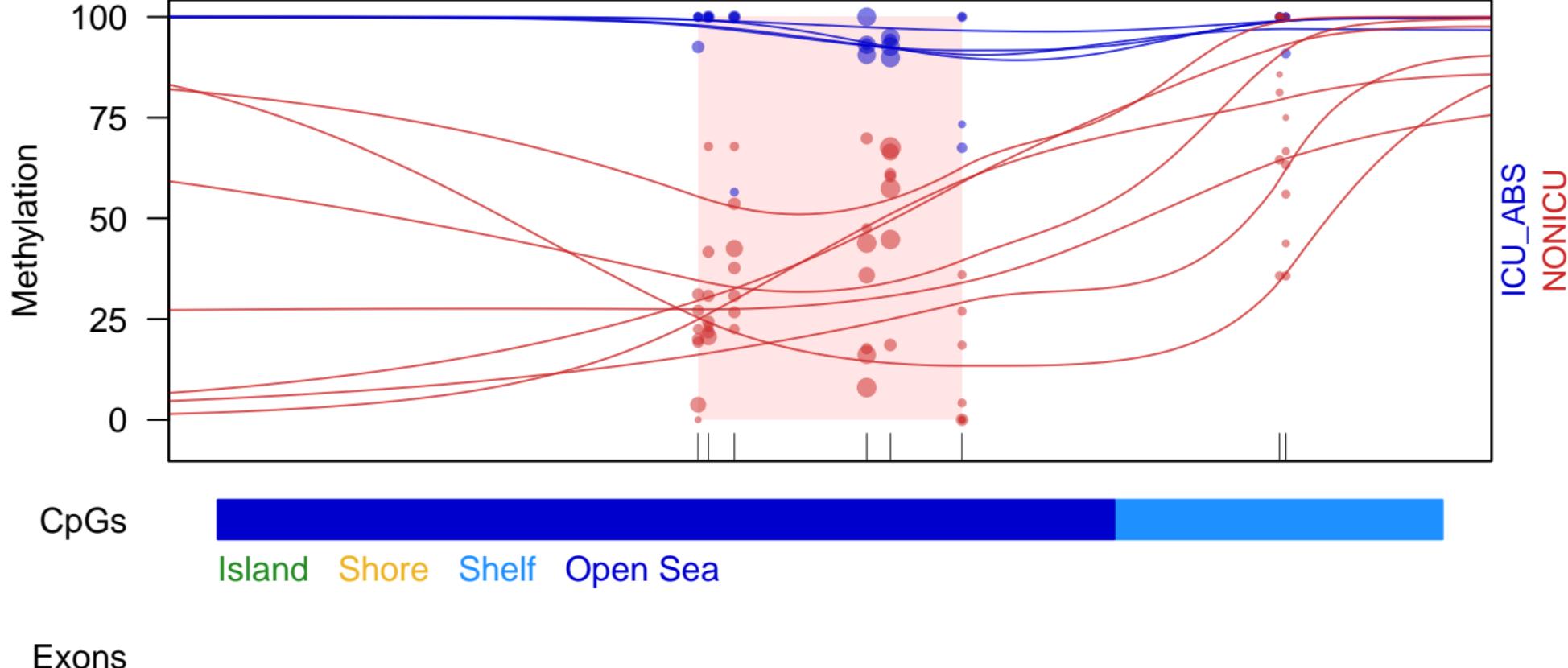
Island Shore Shelf Open Sea

Exons

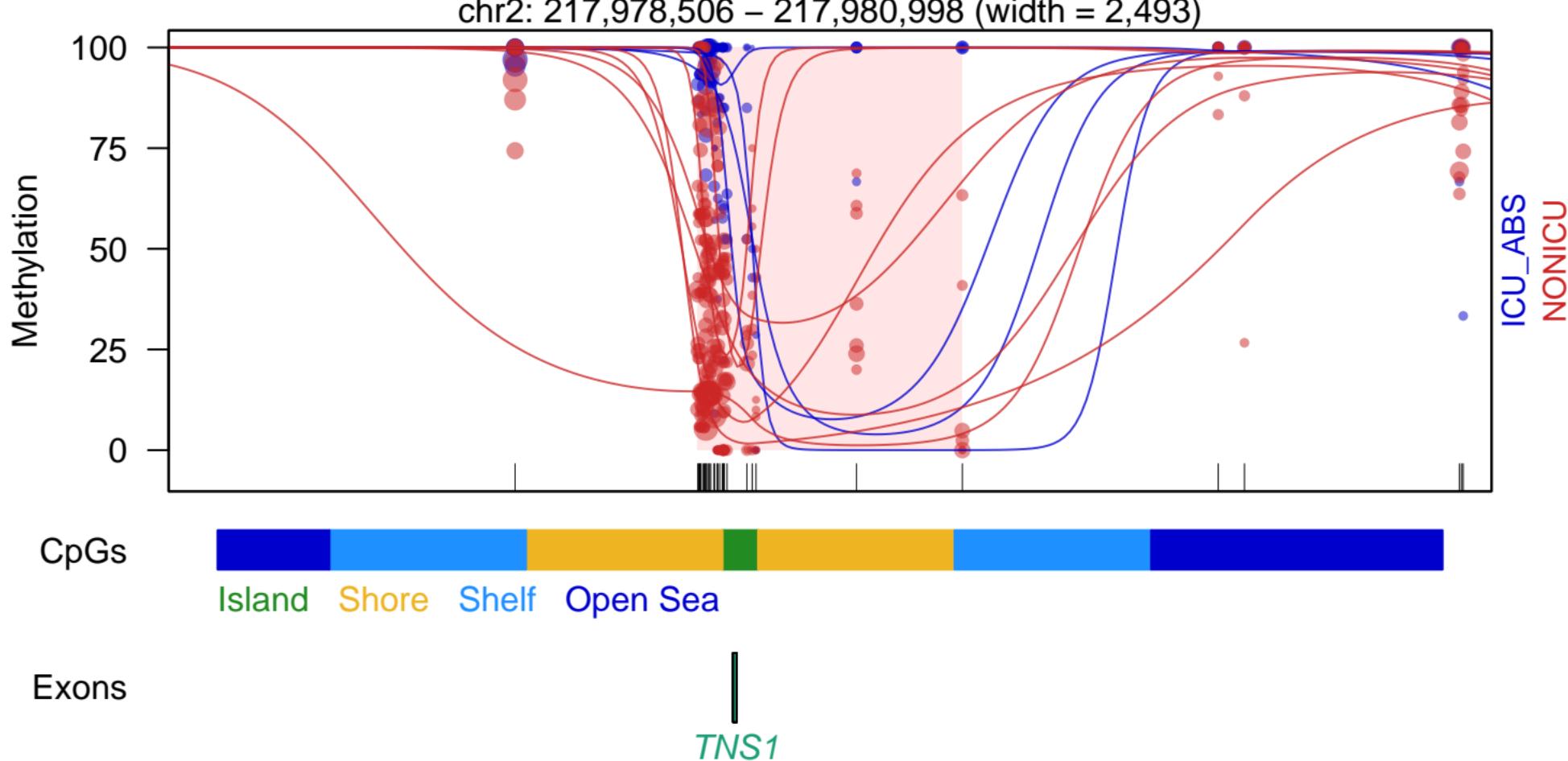


RFTN1

chr12: 57,171,382 – 57,171,717 (width = 336)

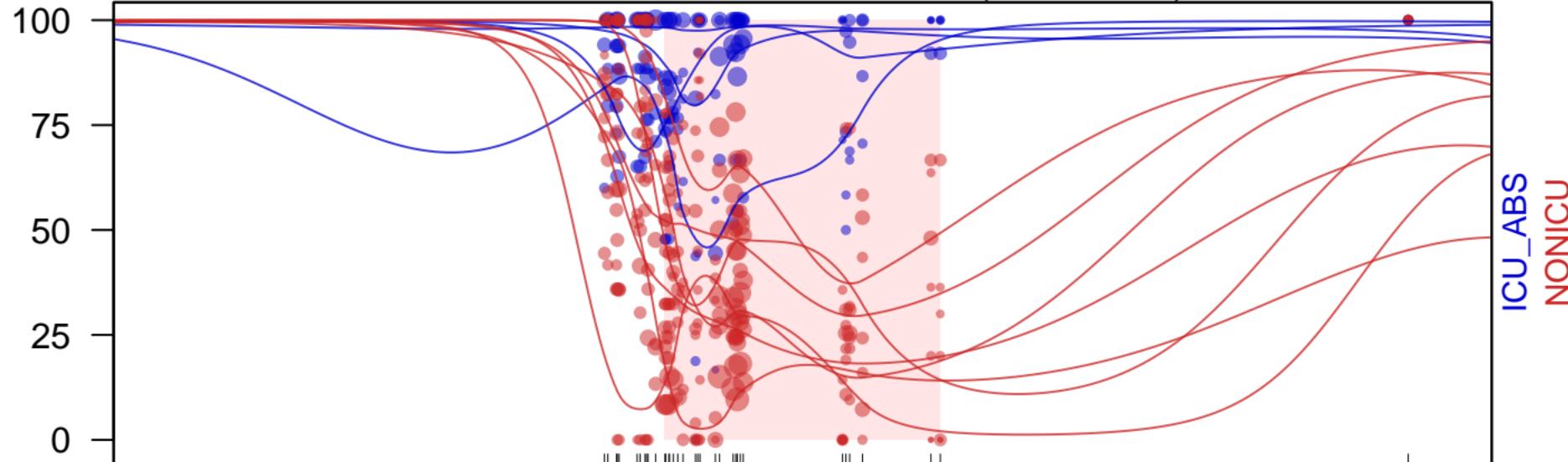


chr2: 217,978,506 – 217,980,998 (width = 2,493)



chr13: 113,820,977 – 113,821,709 (width = 733)

Methylation



CpGs

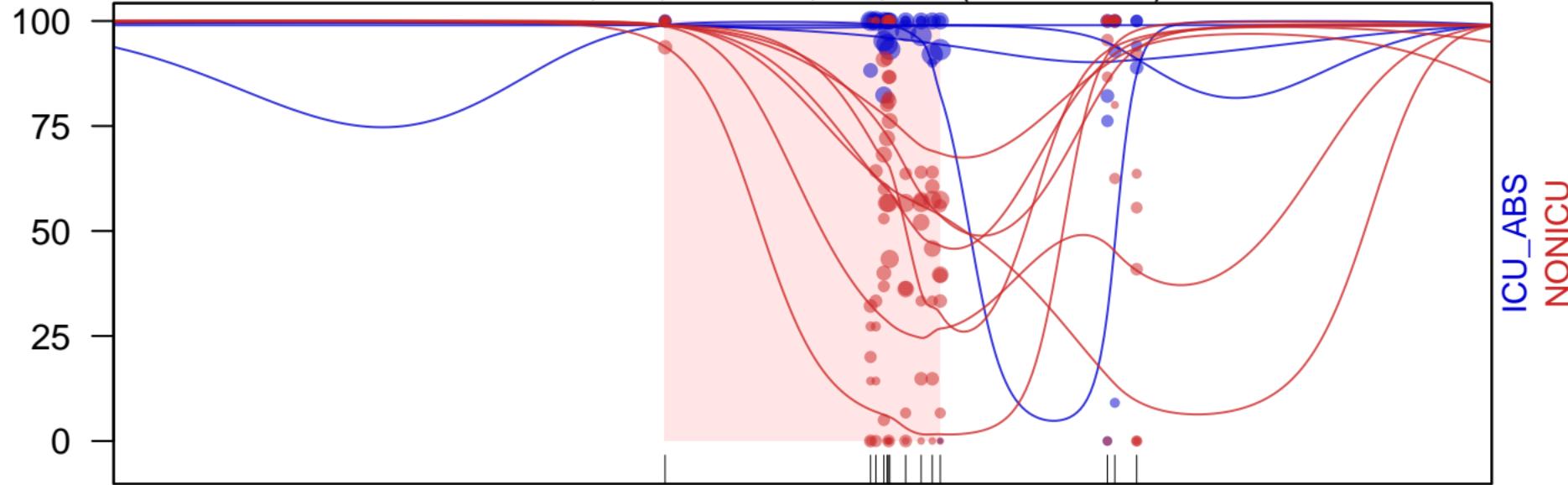


Exons



chr21: 44,888,418 – 44,888,935 (width = 518)

Methylation



CpGs

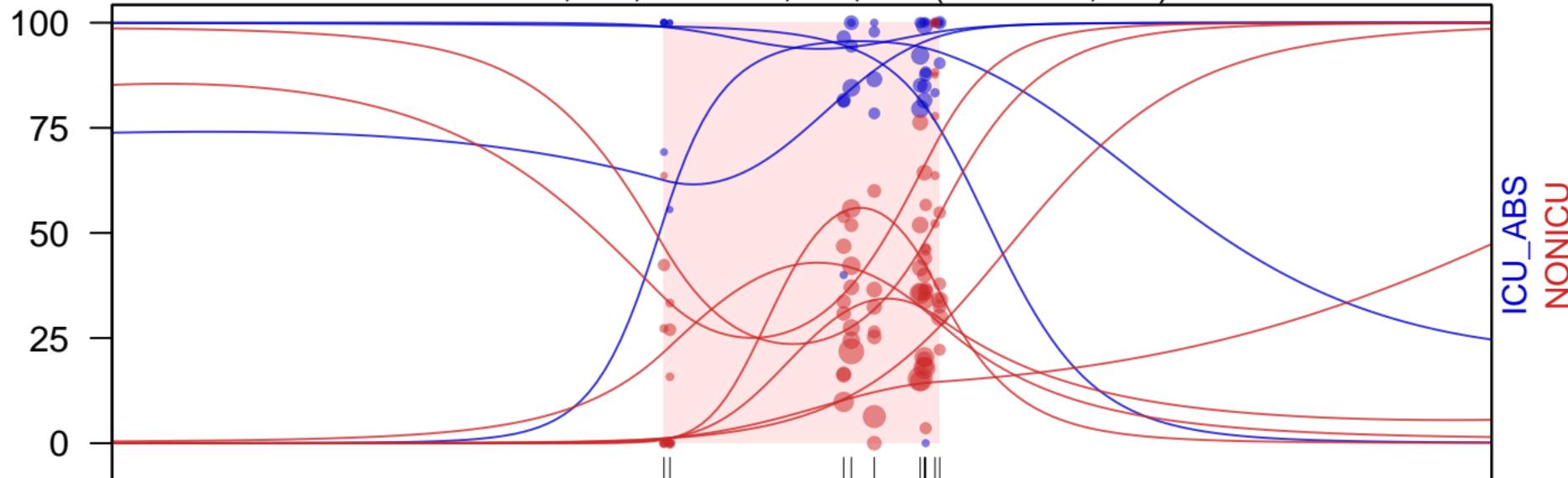


Exons



chr2: 23,532,841 – 23,534,139 (width = 1,299)

Methylation



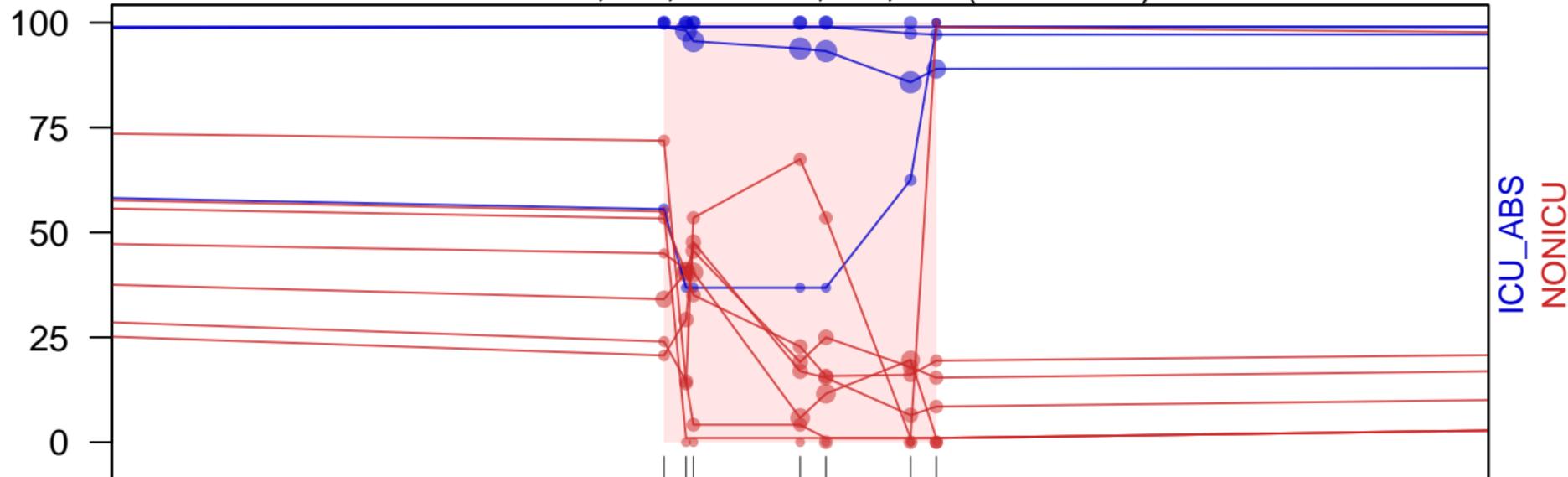
CpGs

Island Shore Shelf Open Sea

Exons

chr16: 88,302,440 – 88,302,514 (width = 75)

Methylation



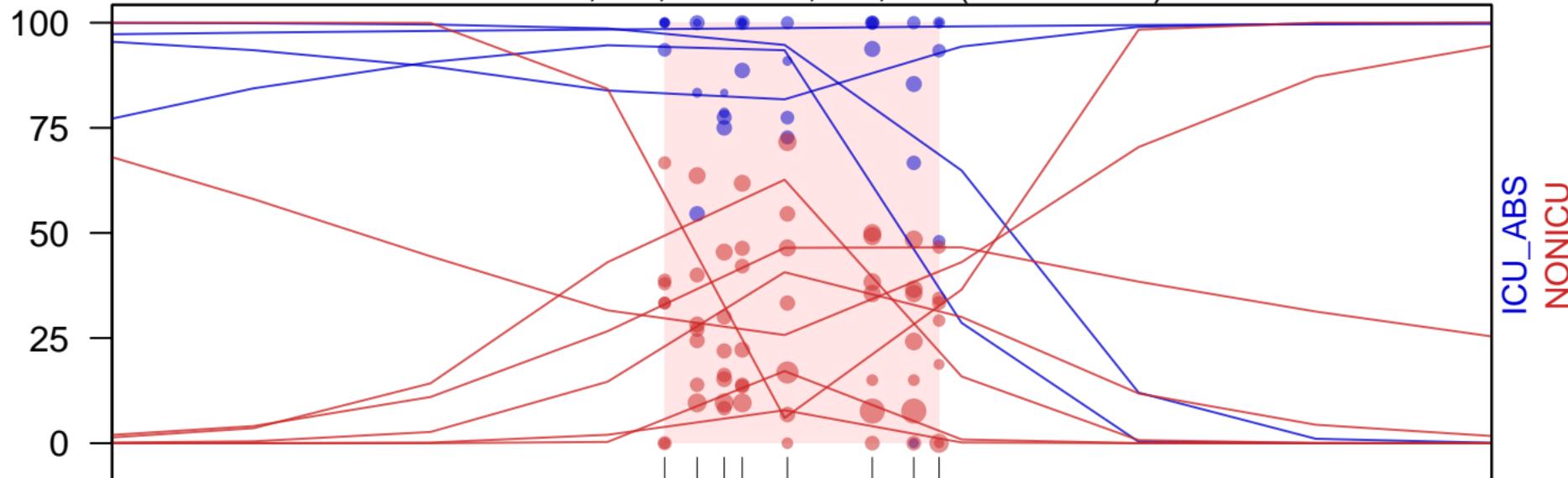
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 32,996,833 – 32,996,985 (width = 153)

Methylation

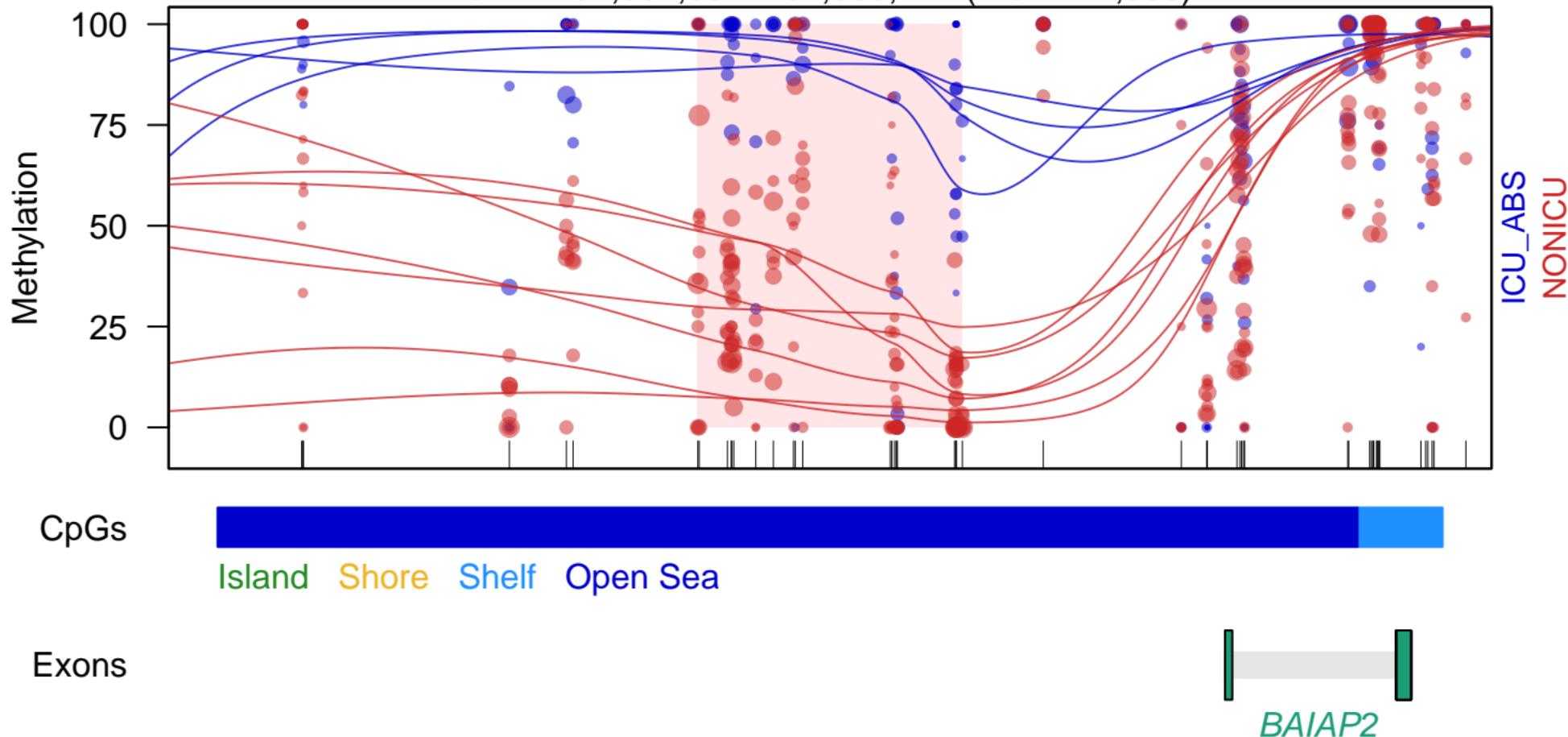


CpGs

Island Shore Shelf Open Sea

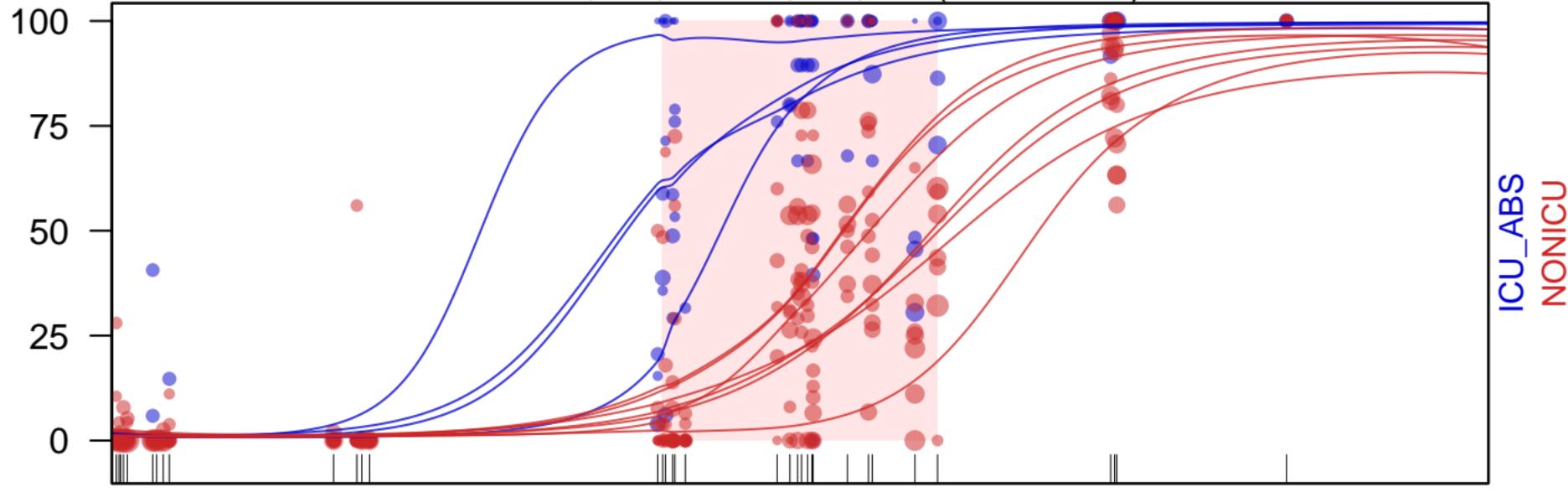
Exons

chr17: 81,092,657 – 81,095,242 (width = 2,586)



chr19: 3,507,535 – 3,508,032 (width = 498)

Methylation

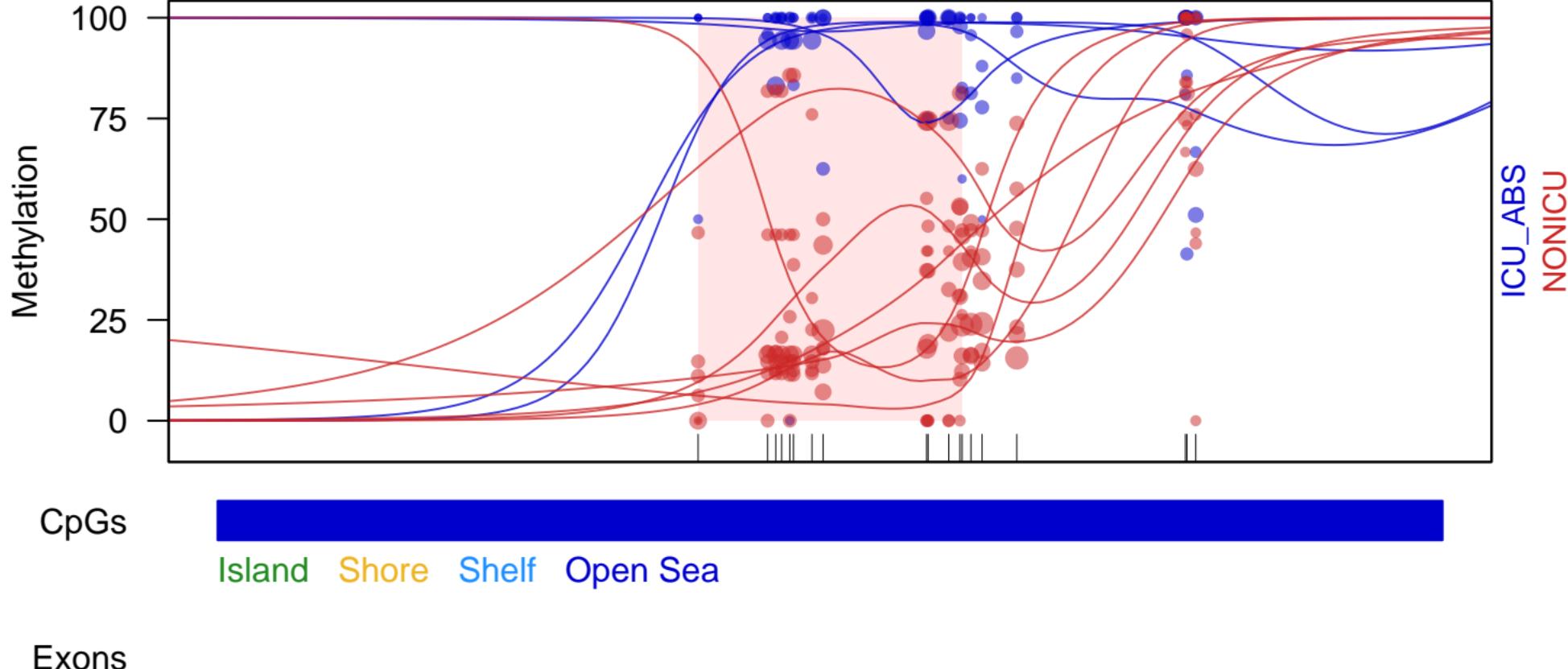


CpGs



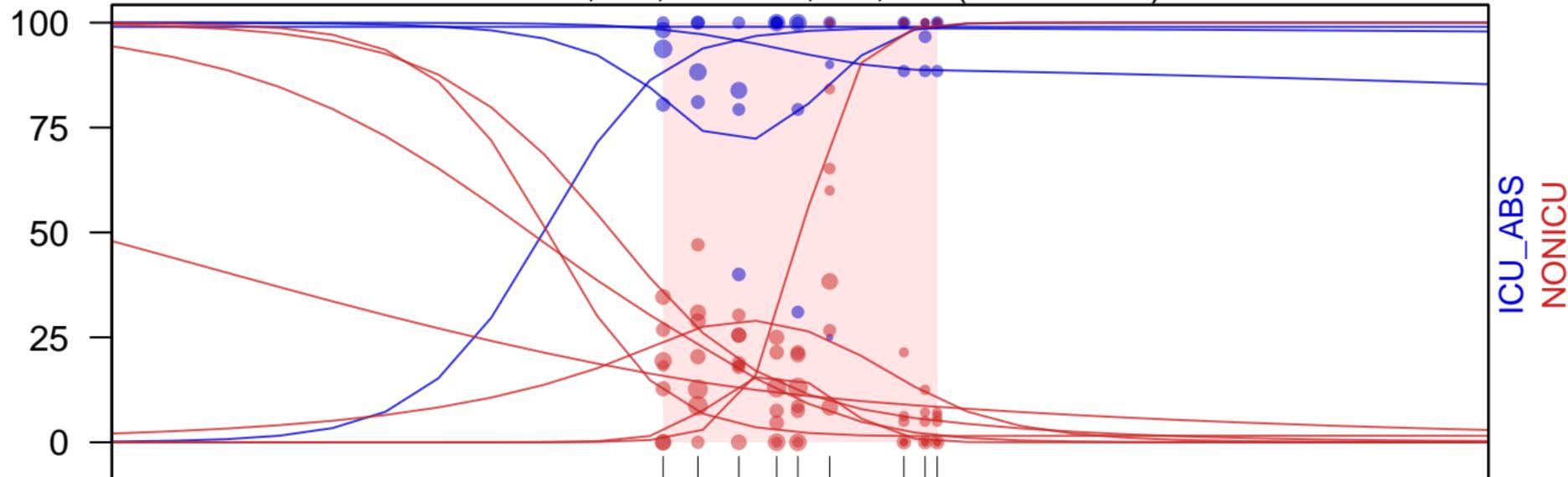
Exons

chr7: 155,951,541 – 155,951,898 (width = 358)



chr10: 69,866,801 – 69,866,982 (width = 182)

Methylation



CpGs

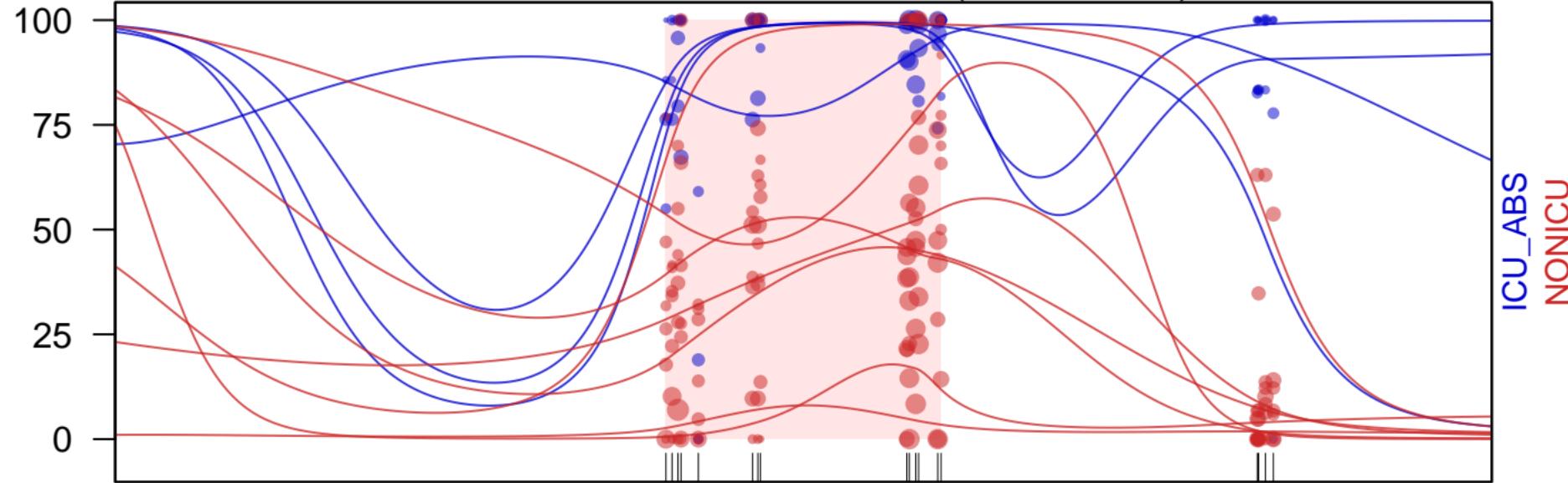
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr1: 202,012,937 – 202,014,014 (width = 1,078)

Methylation



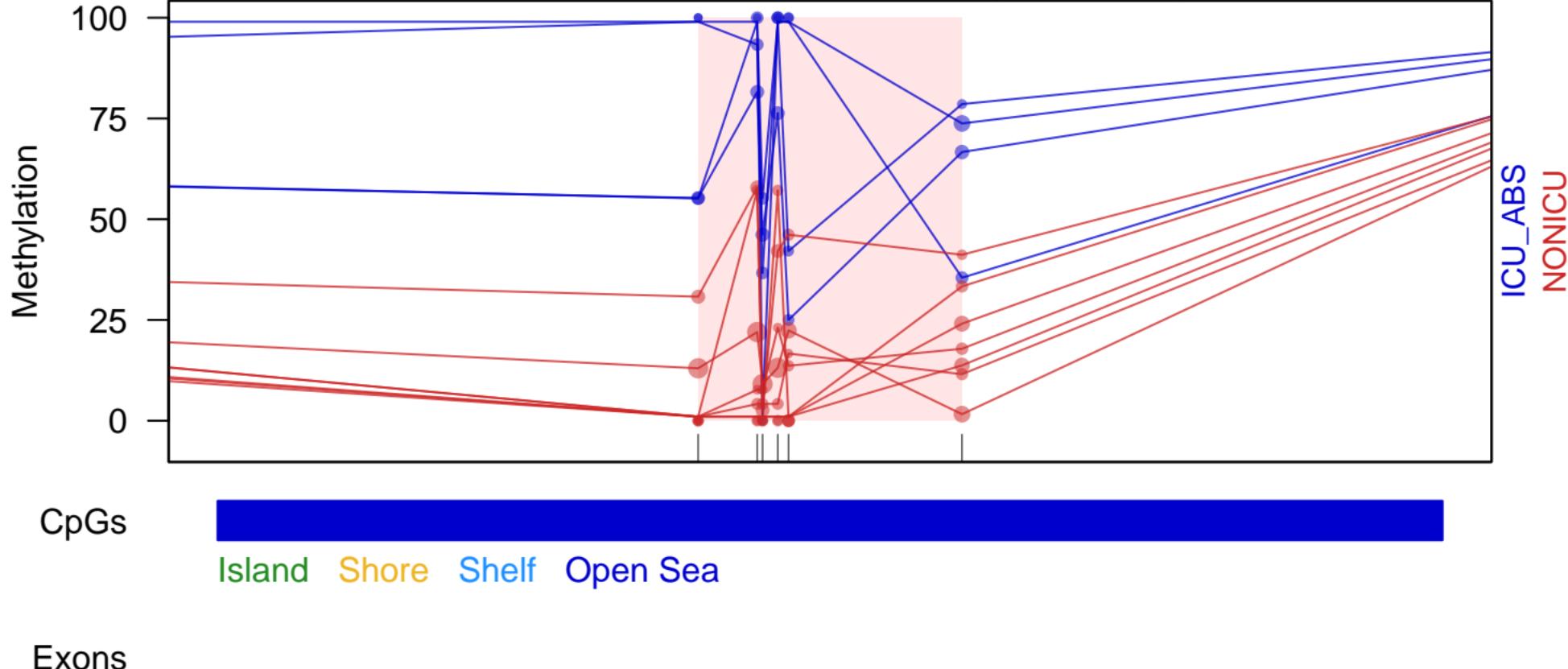
CpGs

Island Shore Shelf Open Sea

Exons

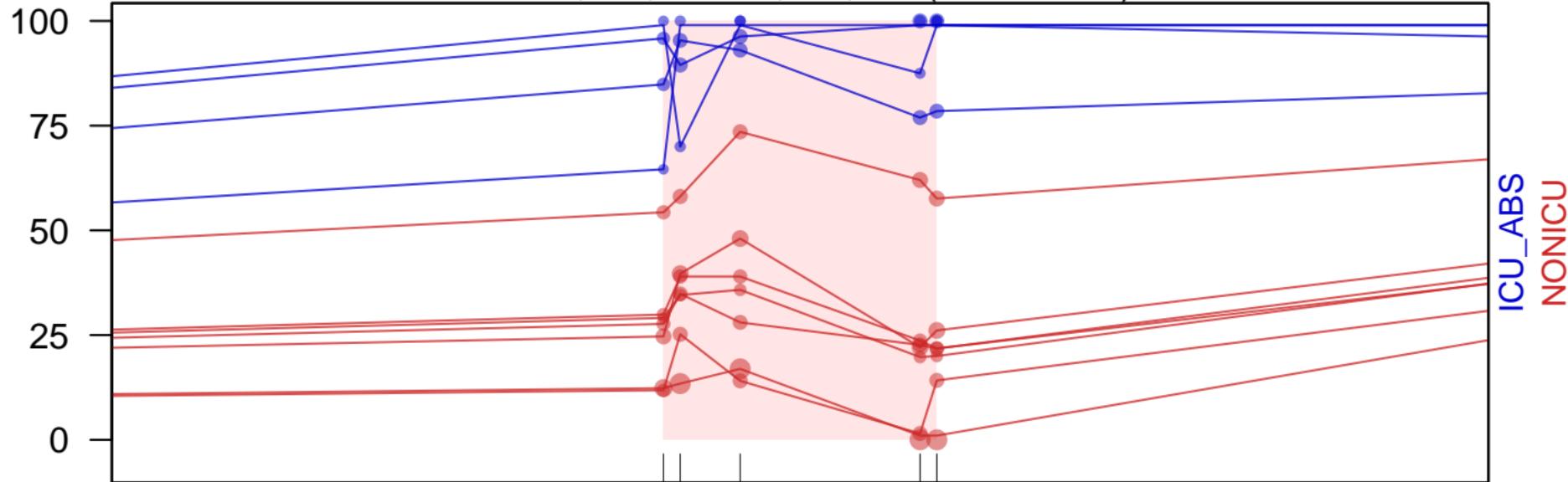
ELF3

chr9: 132,214,203 – 132,214,498 (width = 296)



chr7: 5,858,535 – 5,858,649 (width = 115)

Methylation



CpGs

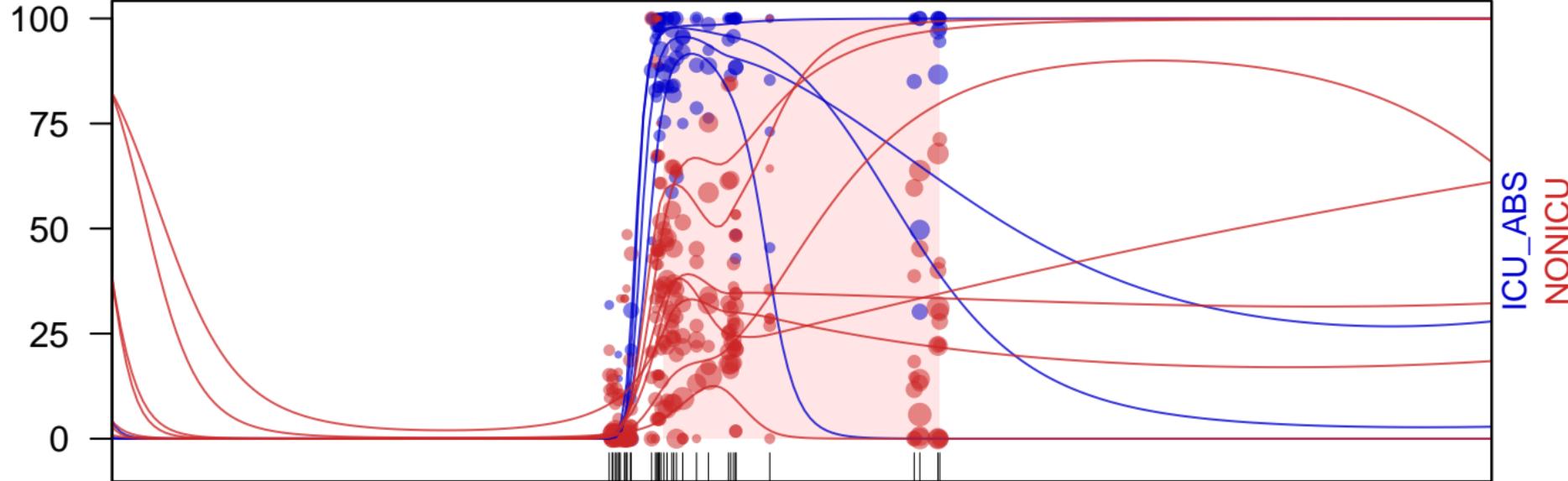
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr20: 19,975,612 – 19,977,491 (width = 1,880)

Methylation



CpGs

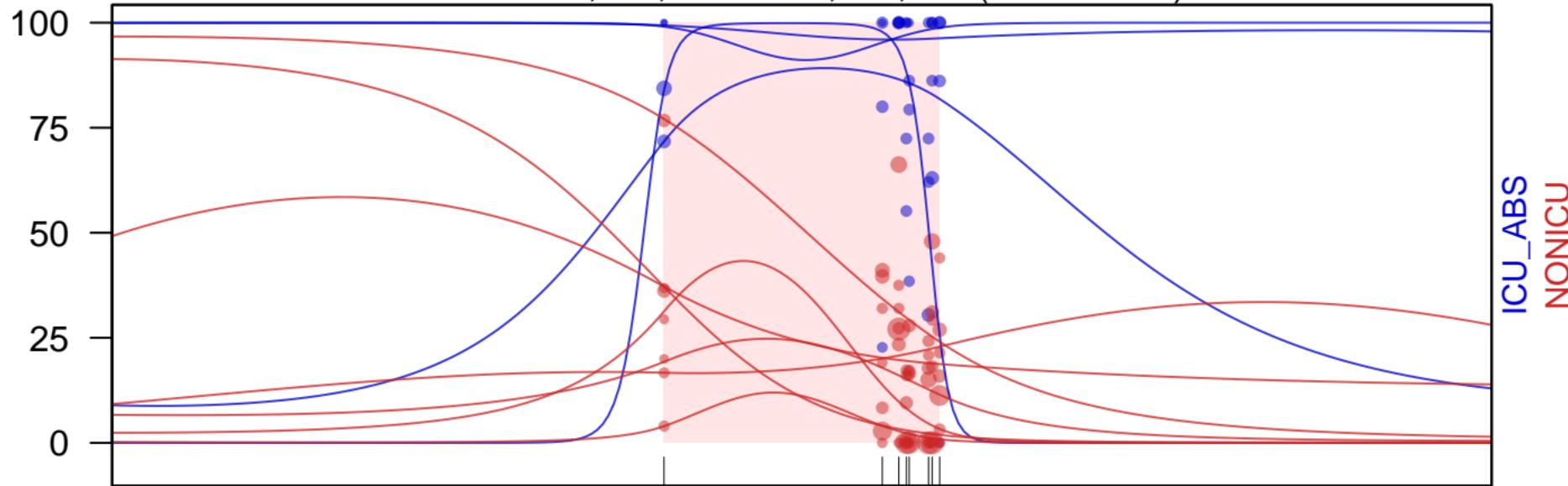


Exons



chr11: 133,951,110 – 133,951,879 (width = 770)

Methylation



CpGs

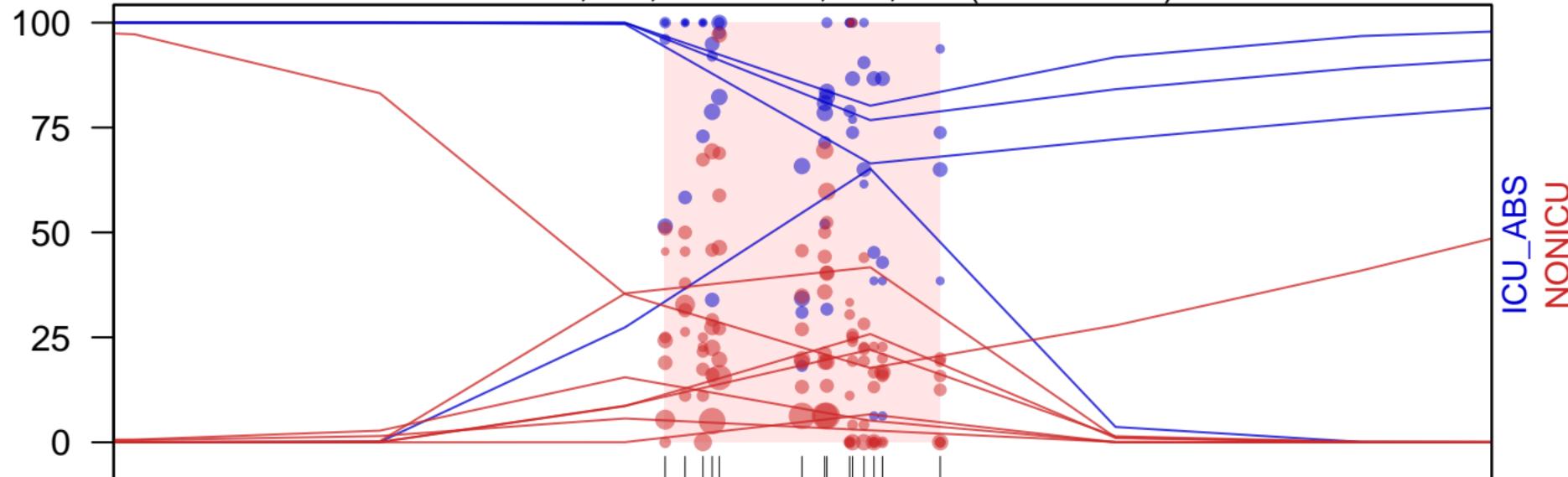
Island Shore Shelf Open Sea

Exons



chr1: 115,479,041 – 115,479,427 (width = 387)

Methylation



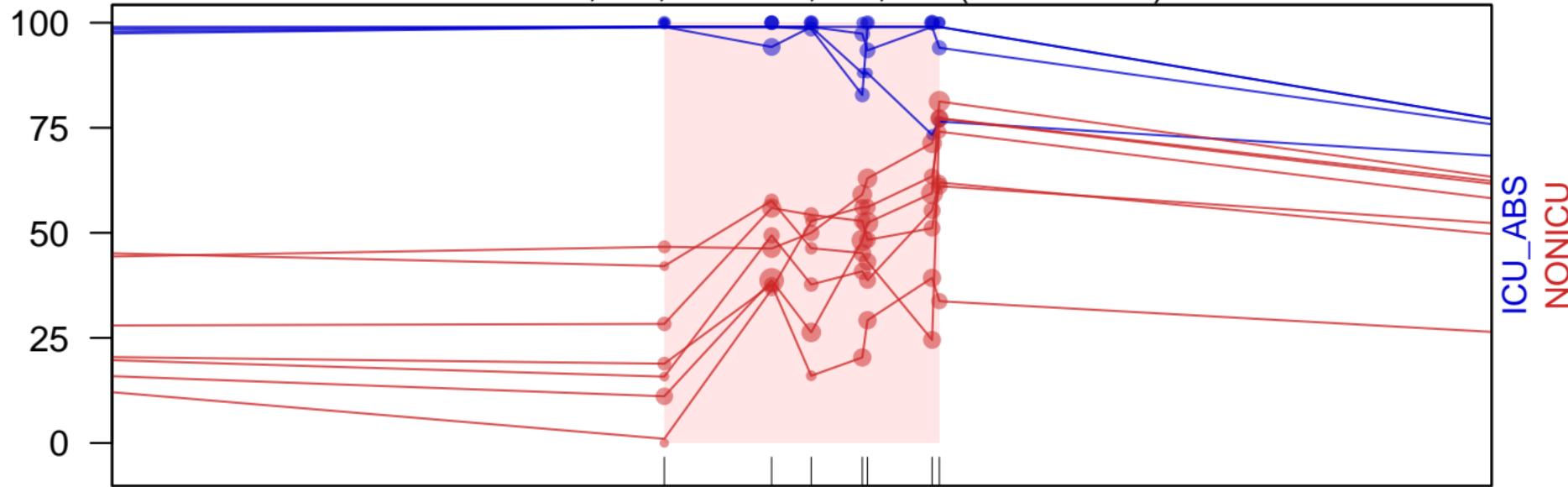
CpGs

Island Shore Shelf Open Sea

Exons

chr16: 81,401,147 – 81,401,411 (width = 265)

Methylation



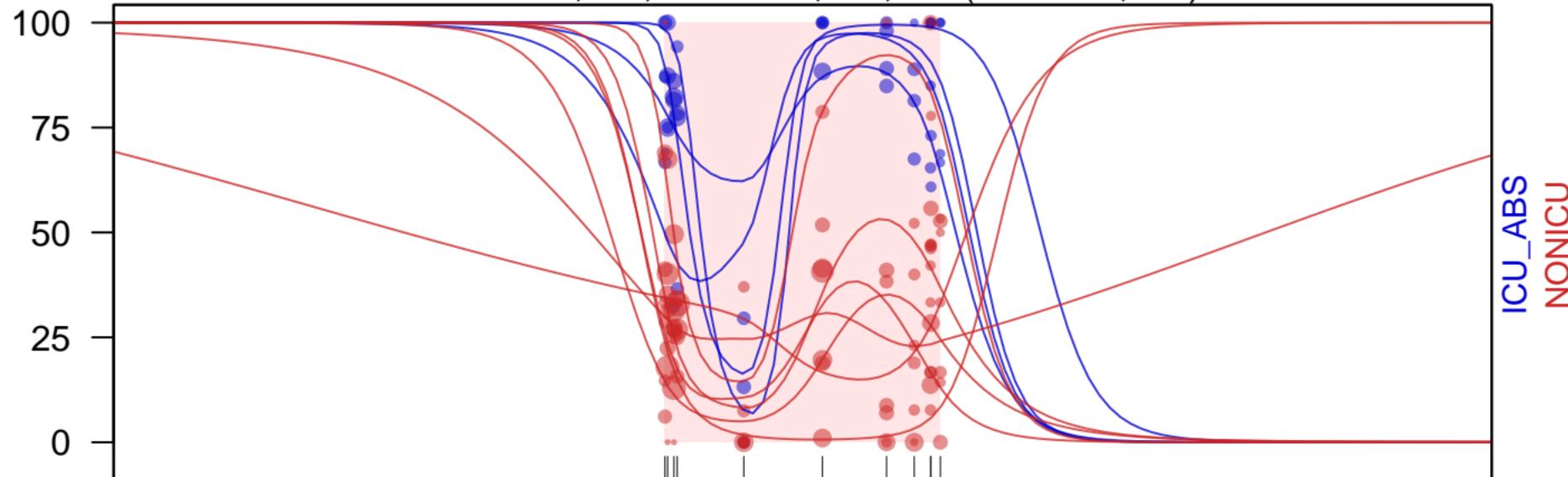
CpGs

Island Shore Shelf Open Sea

Exons

chr11: 134,643,426 – 134,644,680 (width = 1,255)

Methylation

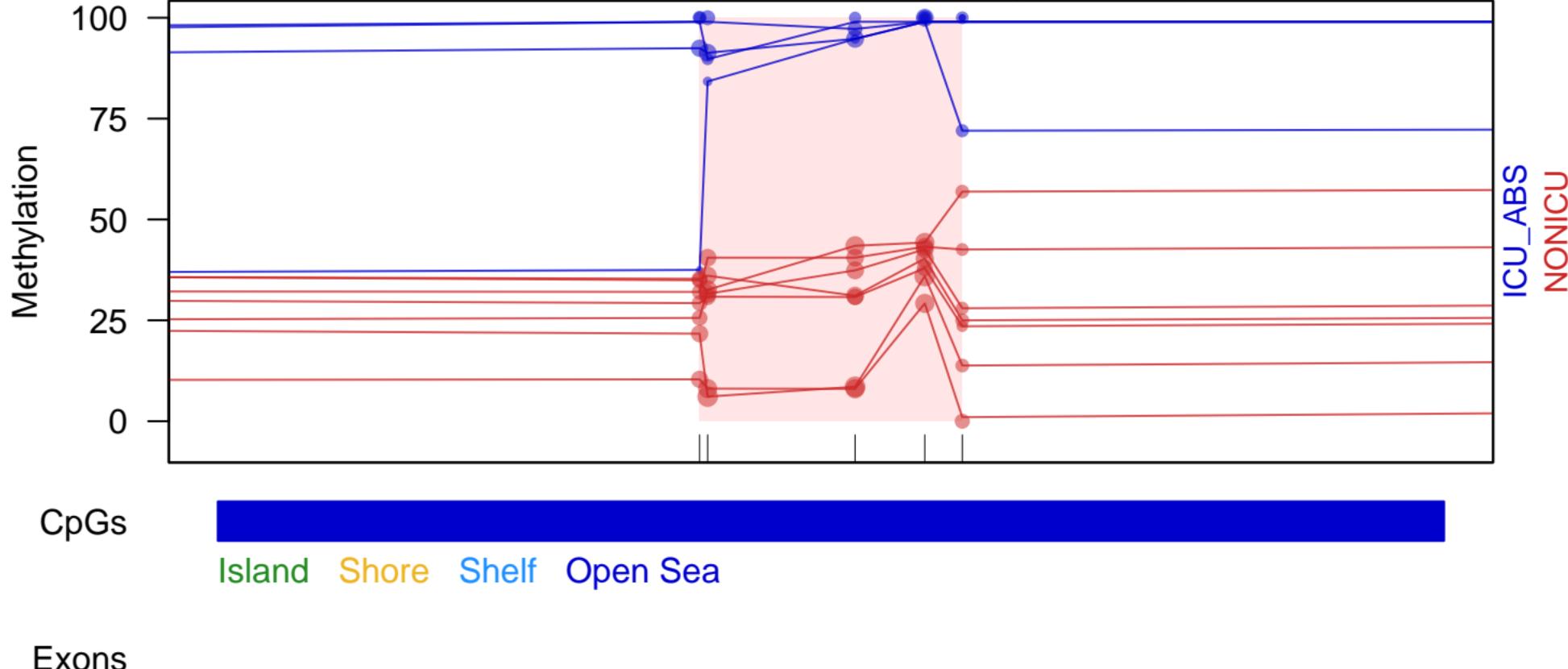


CpGs

Island Shore Shelf Open Sea

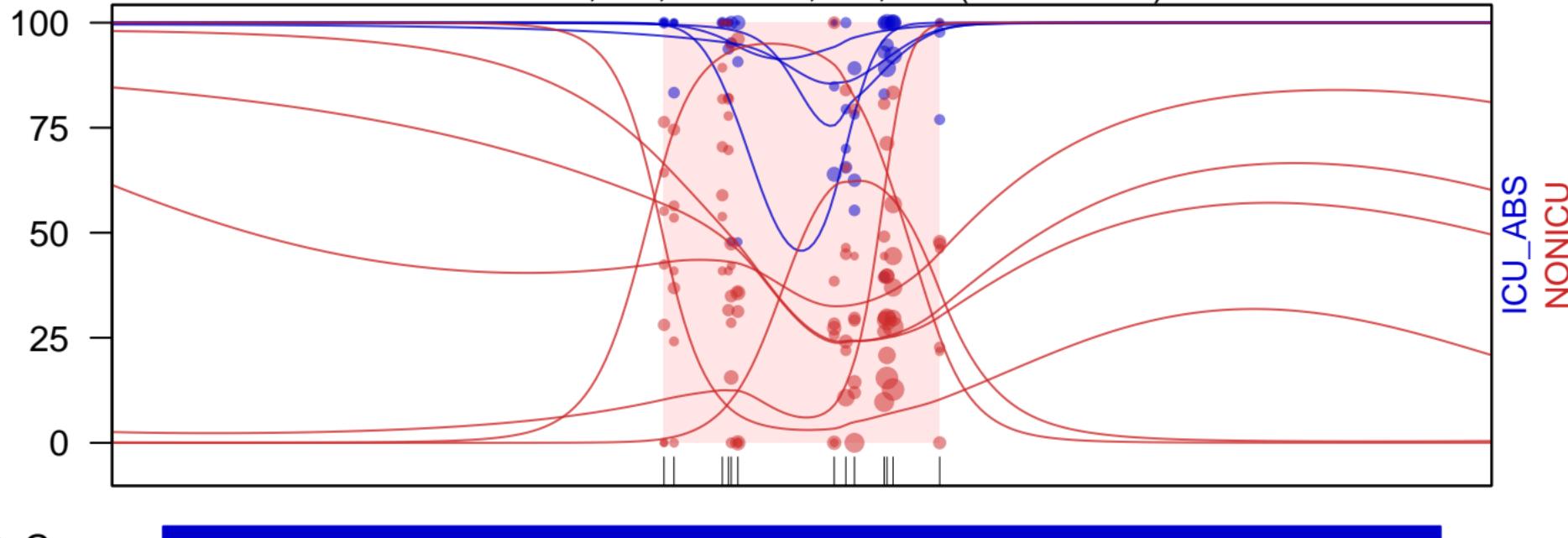
Exons

chr10: 123,868,390 – 123,868,488 (width = 99)



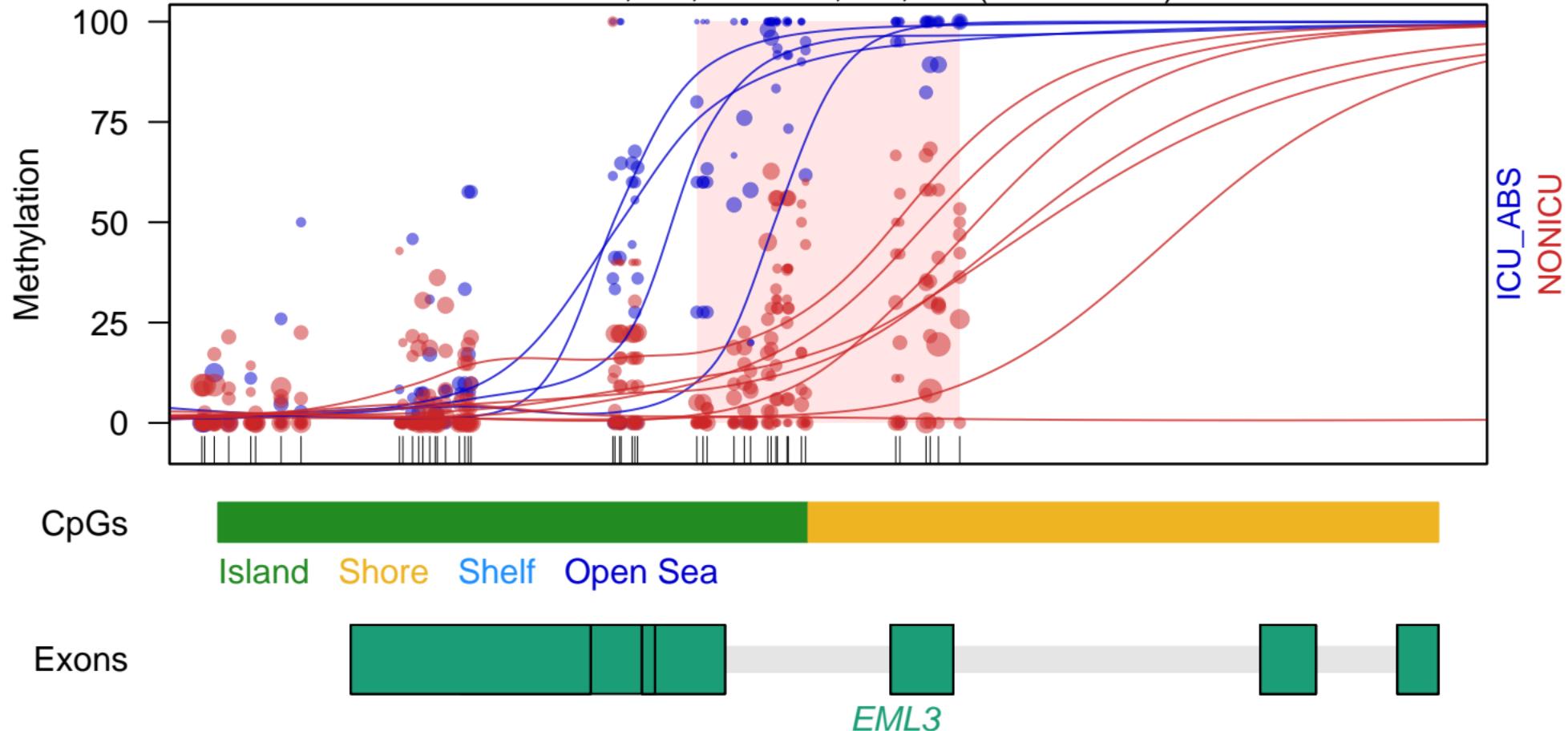
chr17: 82,284,674 – 82,285,667 (width = 994)

Methylation

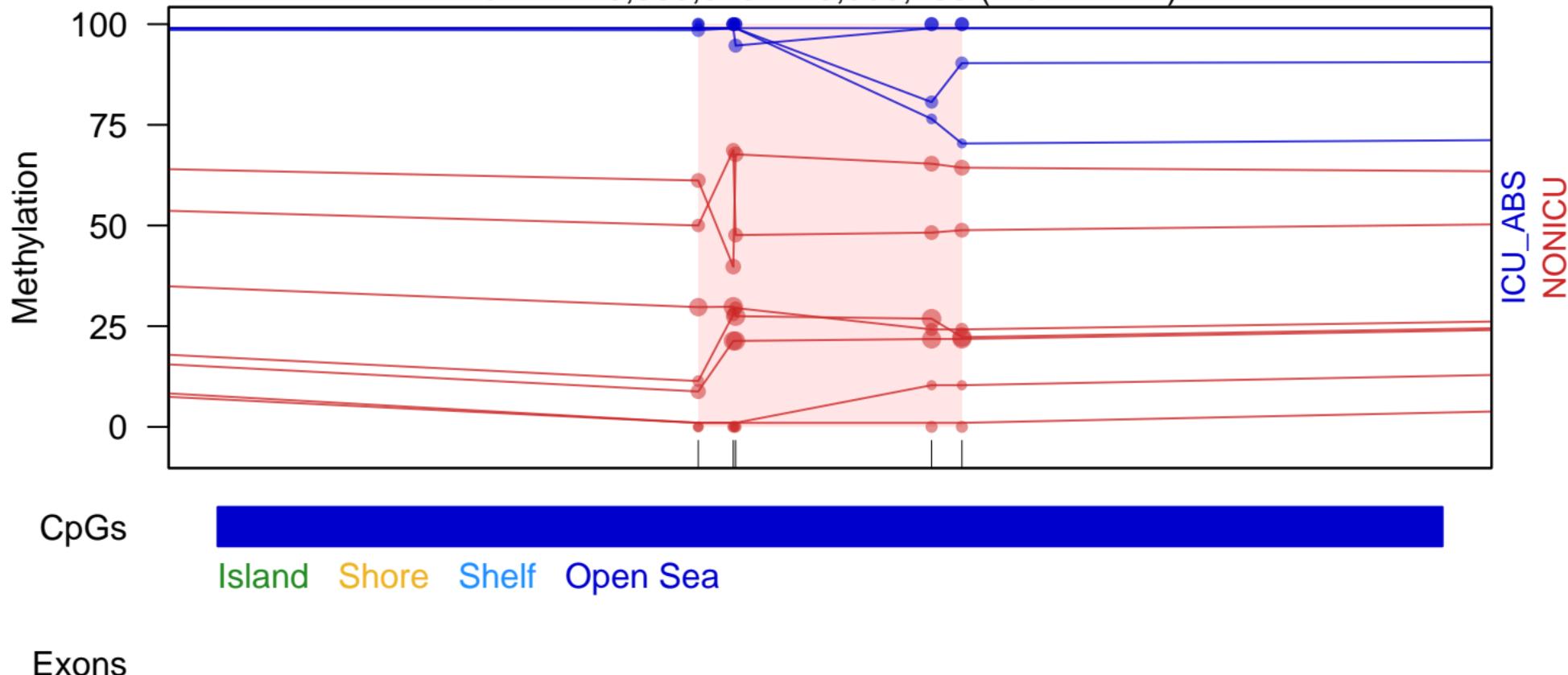


Exons

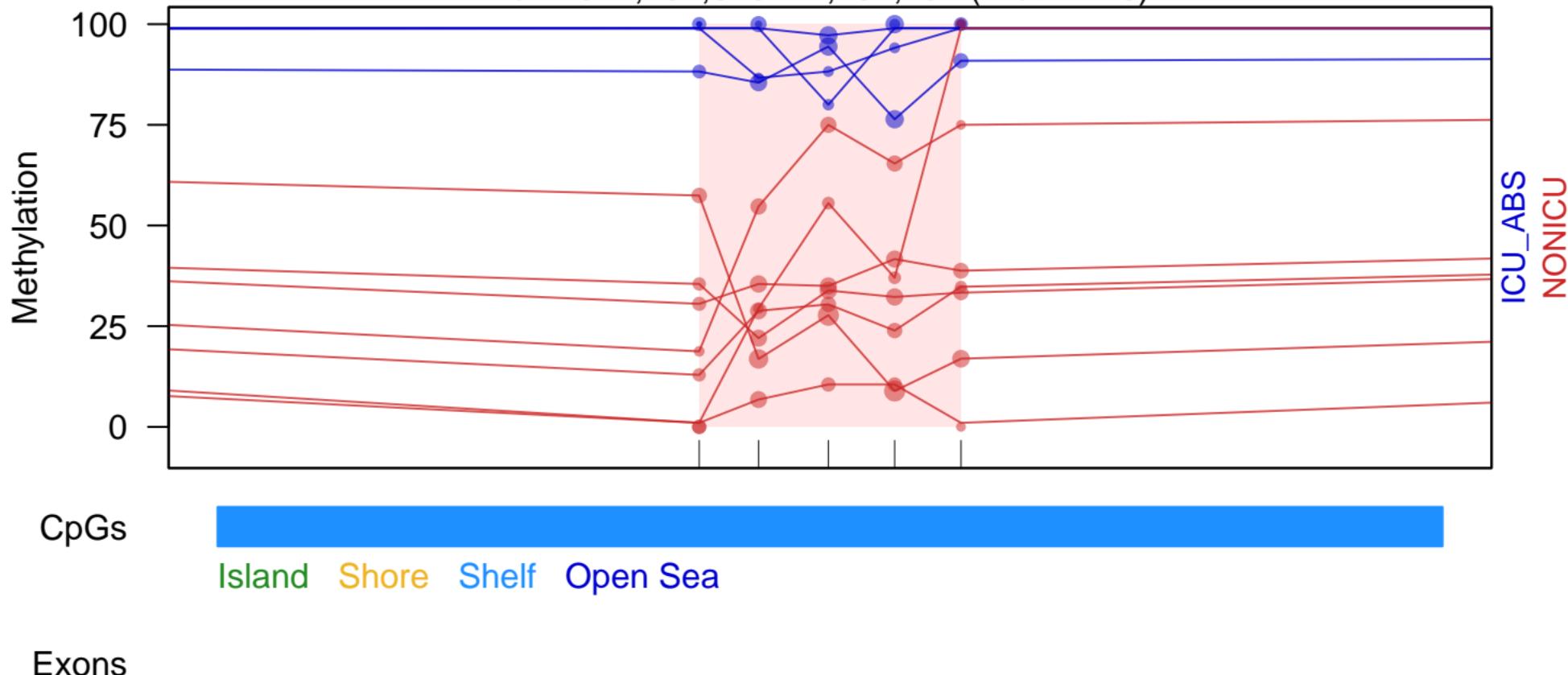
chr11: 62,602,860 – 62,603,242 (width = 383)



chr12: 49,503,573 – 49,503,799 (width = 227)

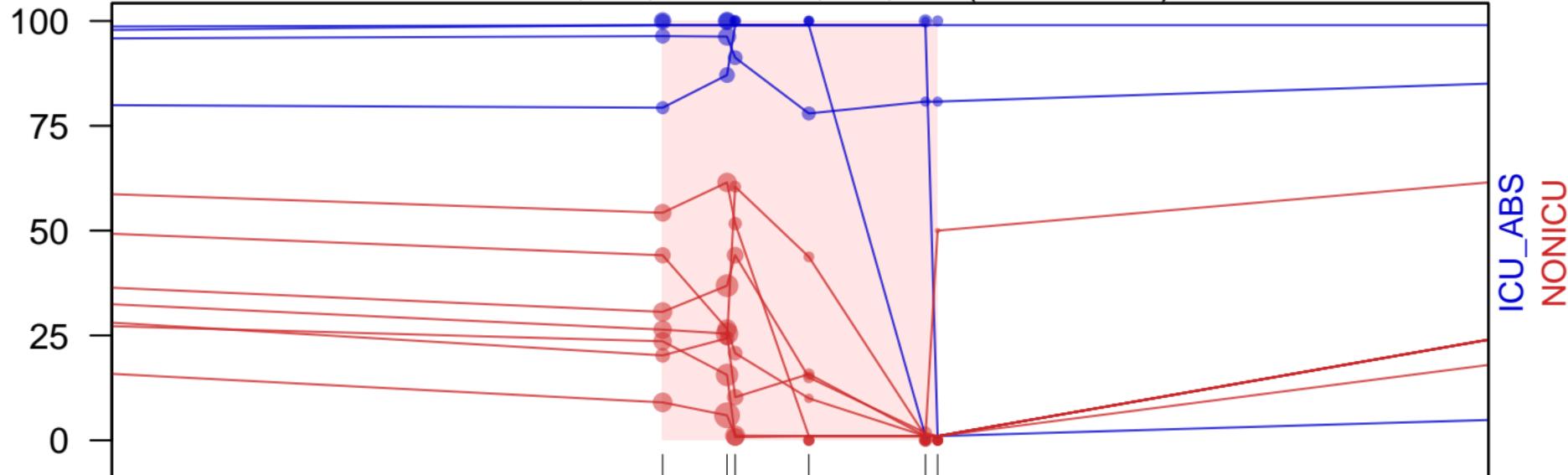


chr10: 1,187,679 – 1,187,754 (width = 76)



chr4: 169,070,250 – 169,070,993 (width = 744)

Methylation

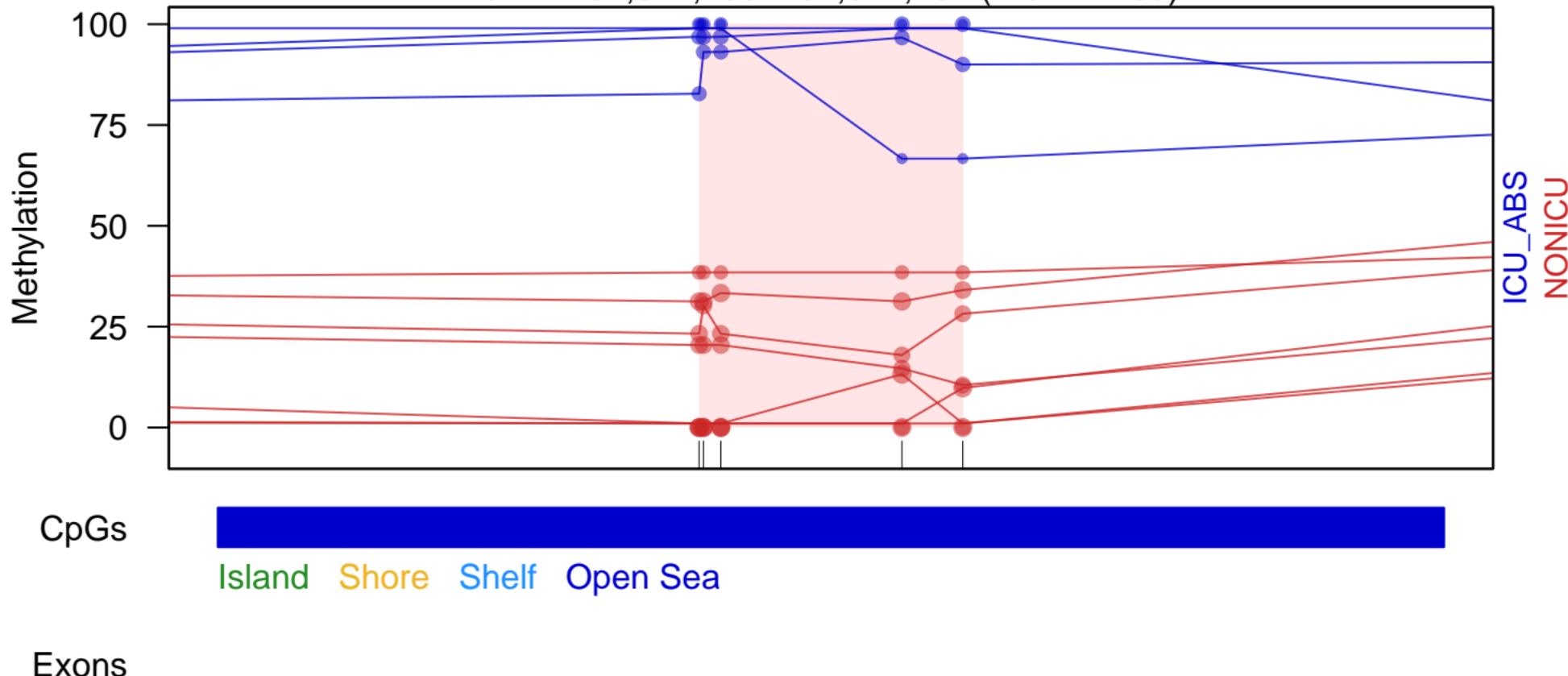


CpGs

Island Shore Shelf Open Sea

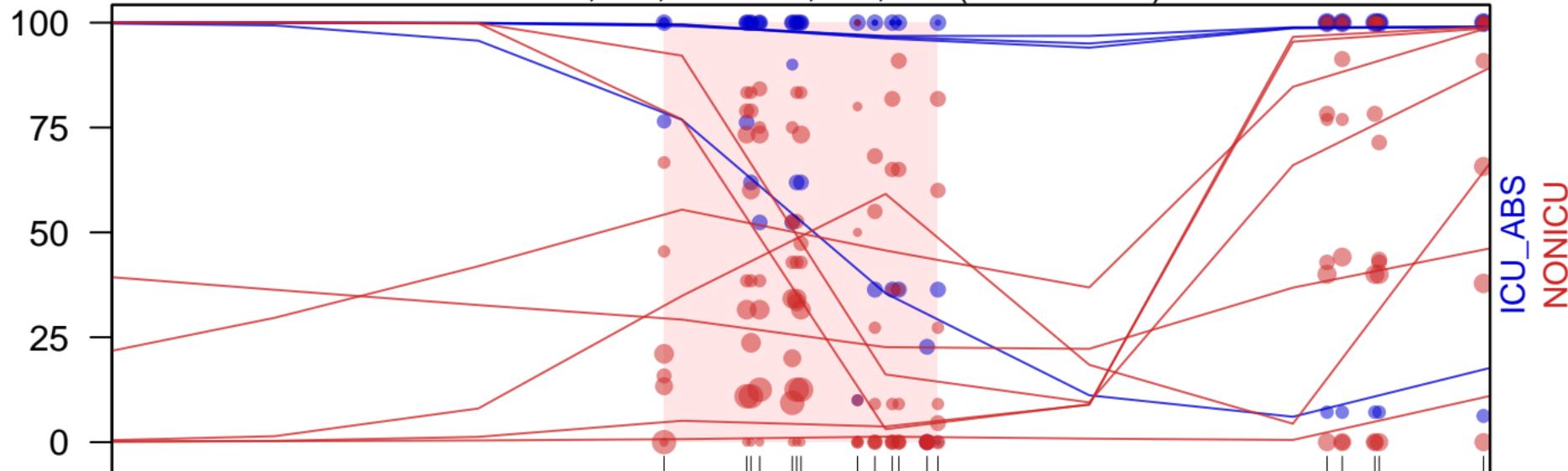
Exons

chr22: 32,847,280 – 32,847,462 (width = 183)



chr12: 11,547,261 – 11,547,387 (width = 127)

Methylation



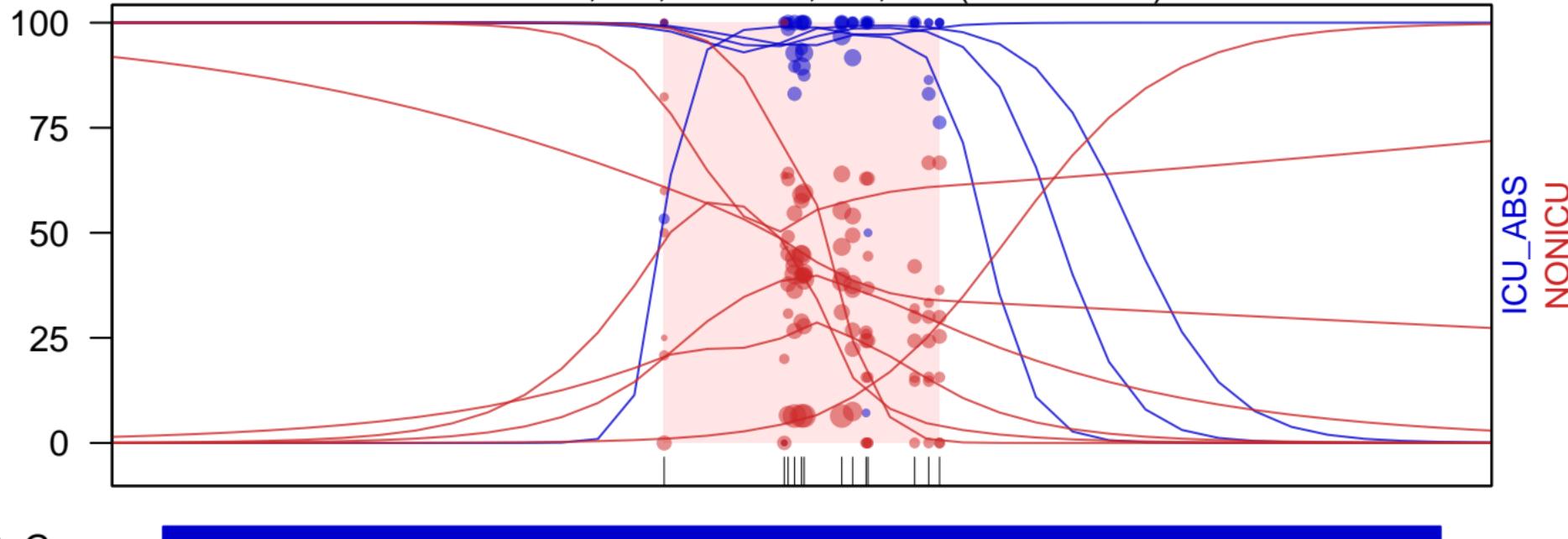
CpGs

Island Shore Shelf Open Sea

Exons

chr17: 66,675,792 – 66,676,223 (width = 432)

Methylation

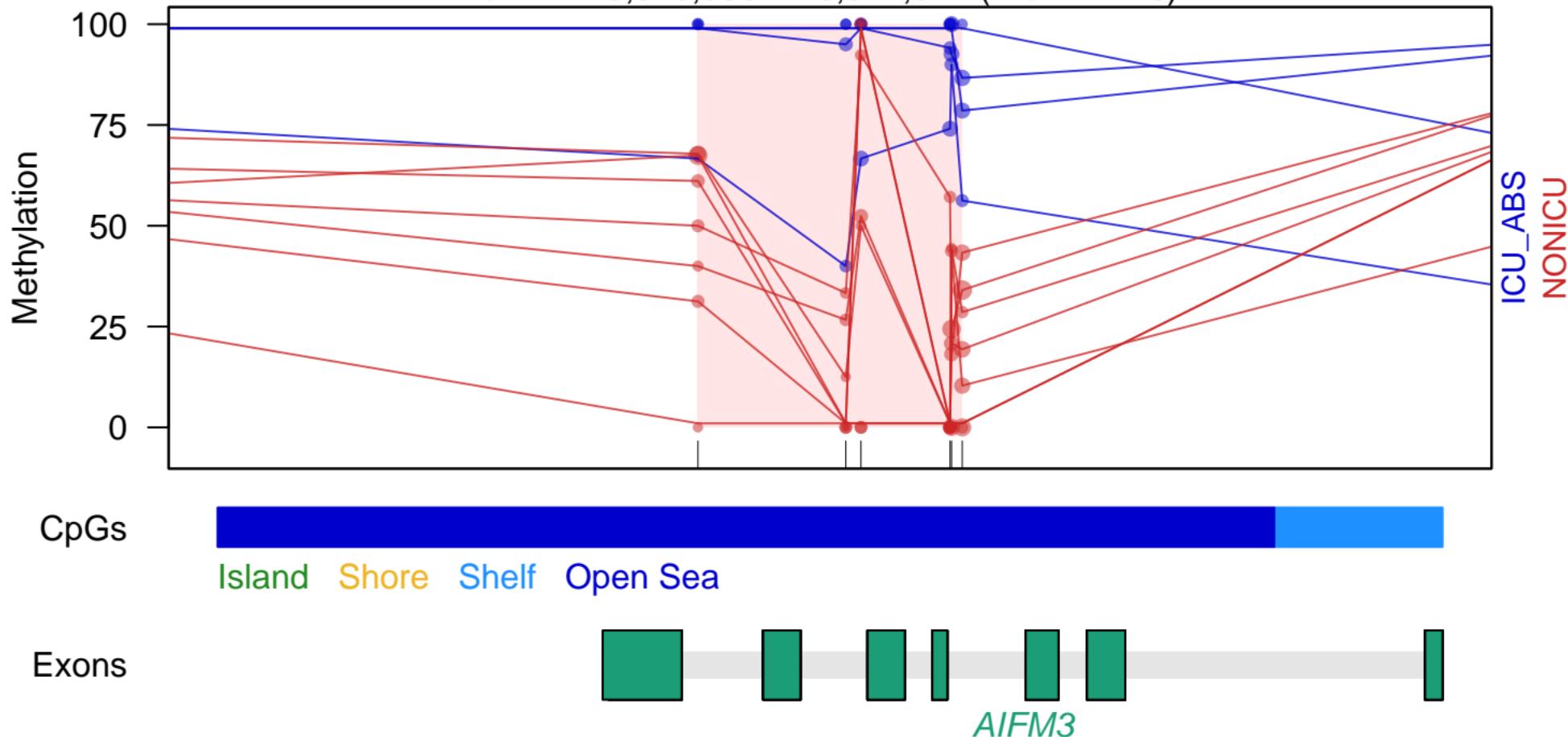


CpGs

Island Shore Shelf Open Sea

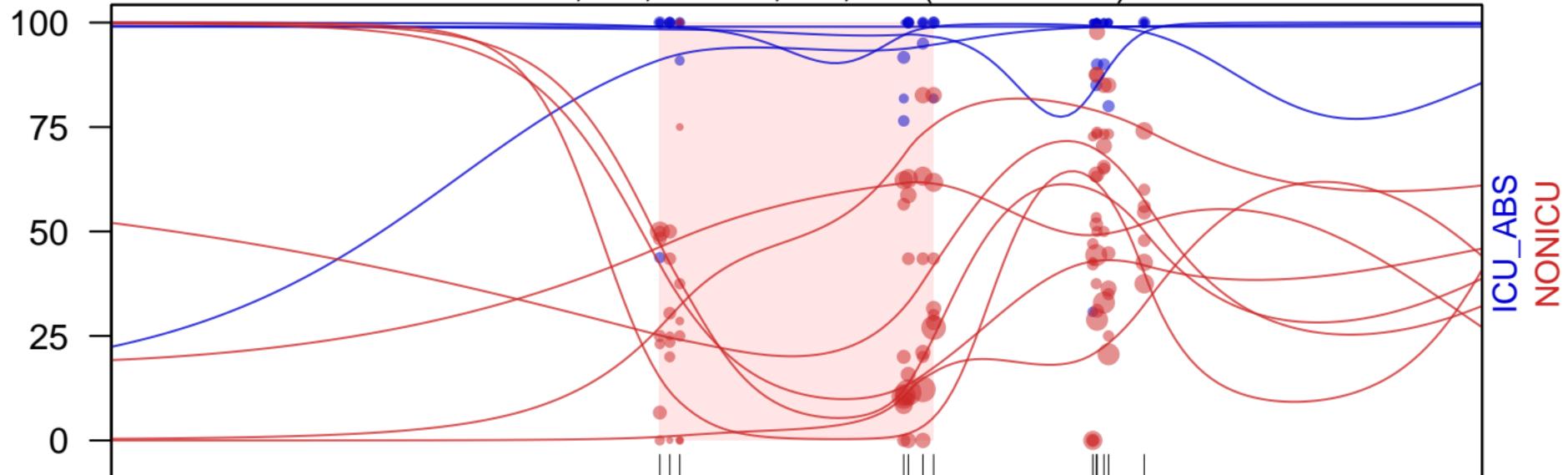
Exons

chr22: 20,973,596 – 20,974,311 (width = 716)



chr1: 1,344,362 – 1,345,076 (width = 715)

Methylation



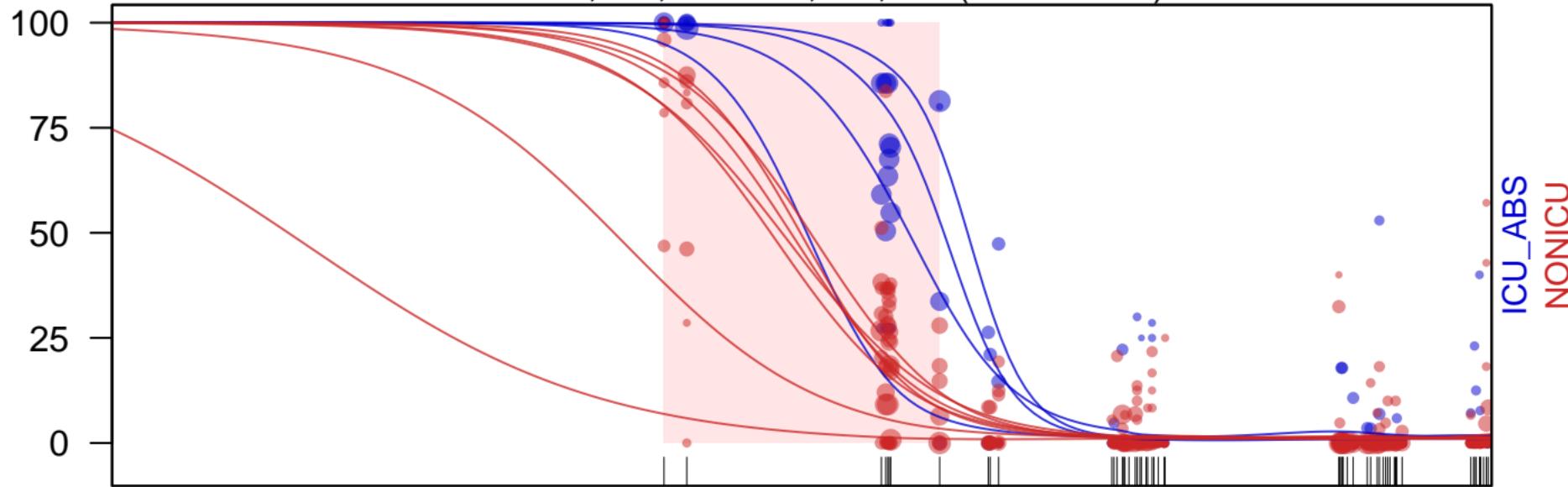
CpGs



Exons

chr14: 51,649,919 – 51,650,803 (width = 885)

Methylation



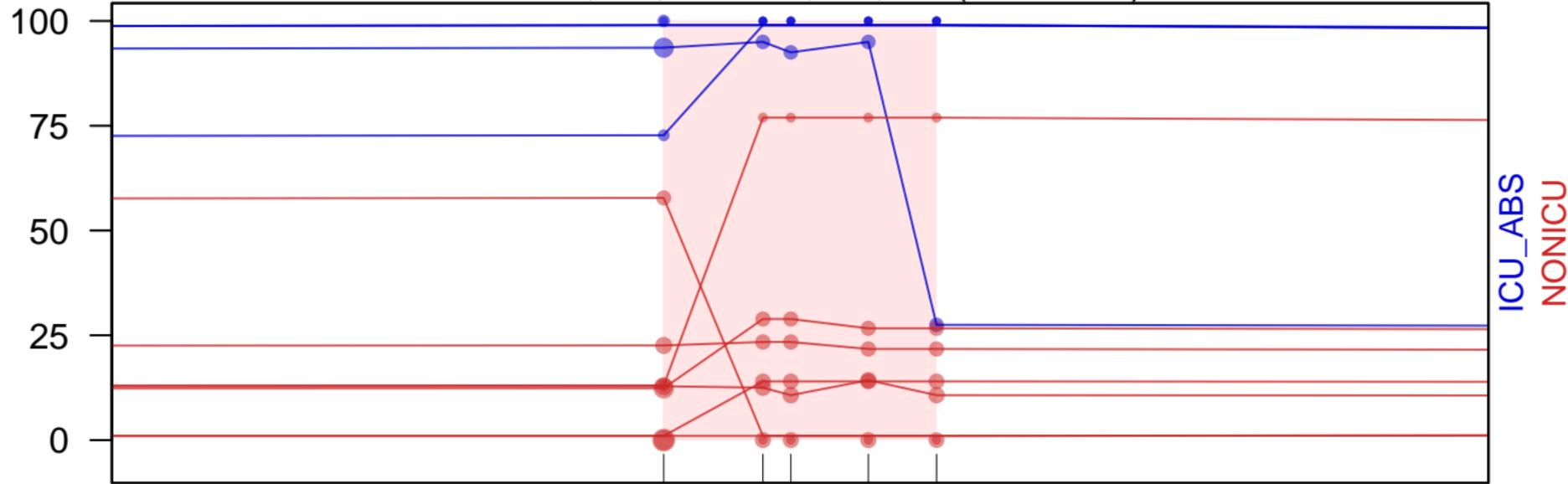
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 89,609,141 – 89,609,229 (width = 89)

Methylation



CpGs

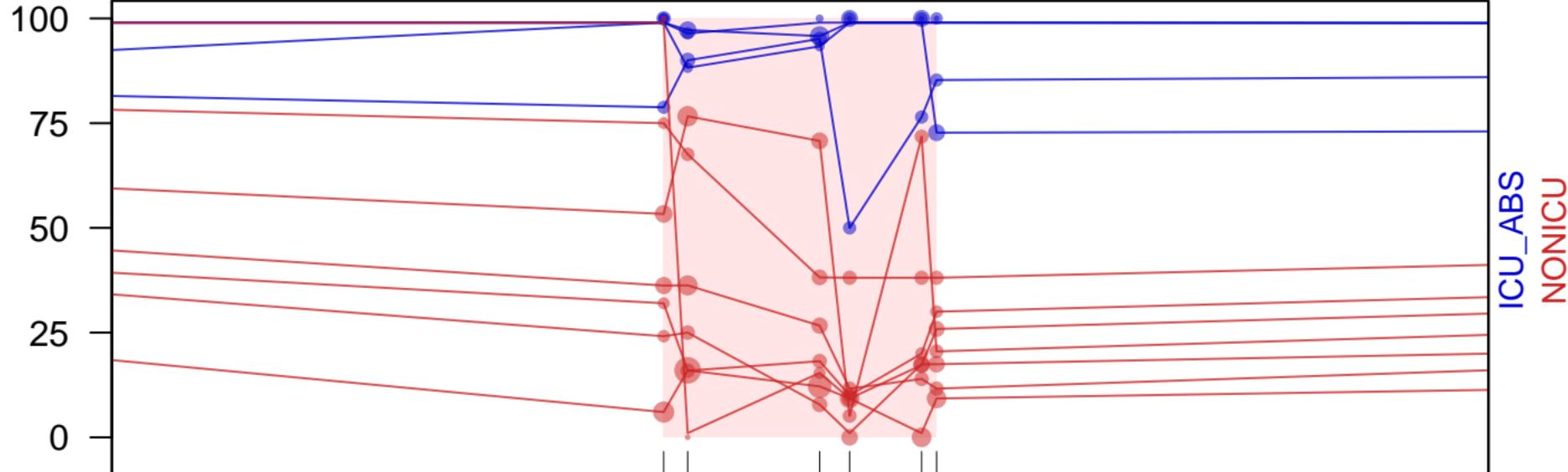
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr20: 48,455,816 – 48,455,907 (width = 92)

Methylation



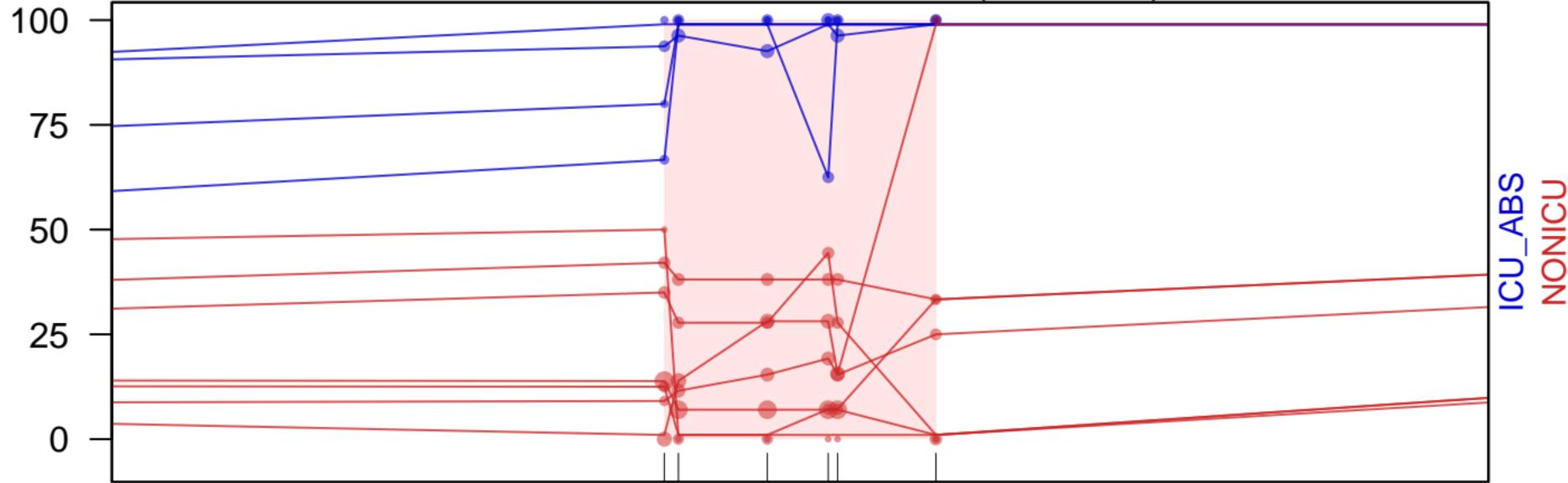
CpGs

Island Shore Shelf Open Sea

Exons

chr7: 151,116,876 – 151,116,934 (width = 59)

Methylation



CpGs



Island Shore Shelf Open Sea

Exons

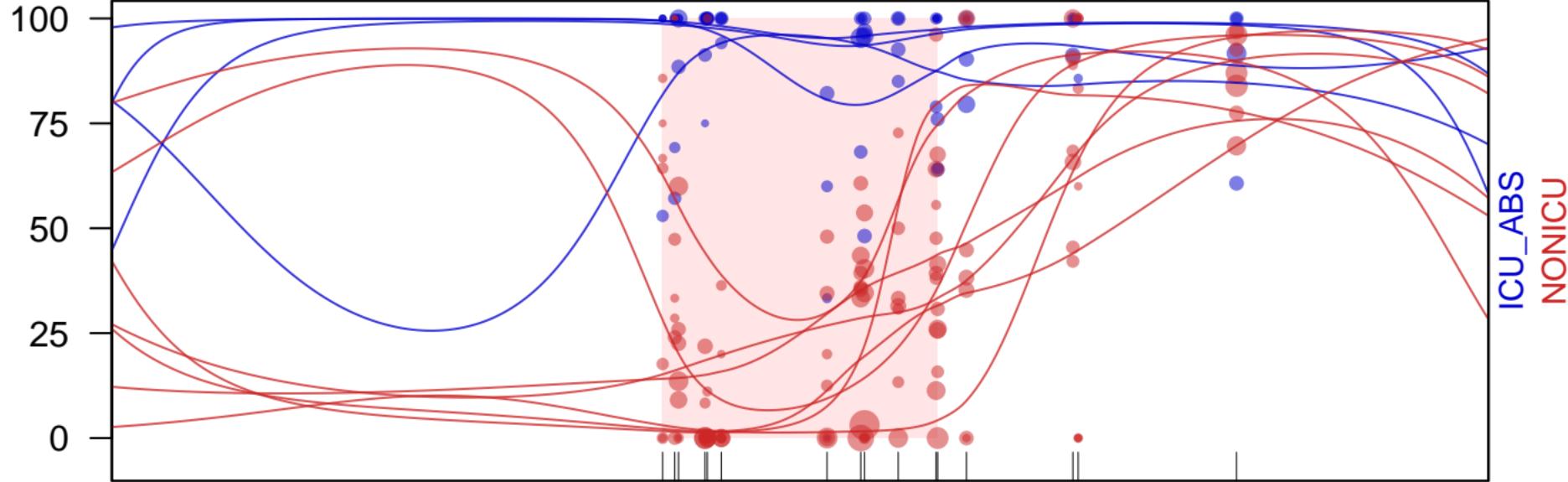


AGAP3

ICU_ABS
NONICU

chr4: 1,053,033 – 1,053,759 (width = 727)

Methylation



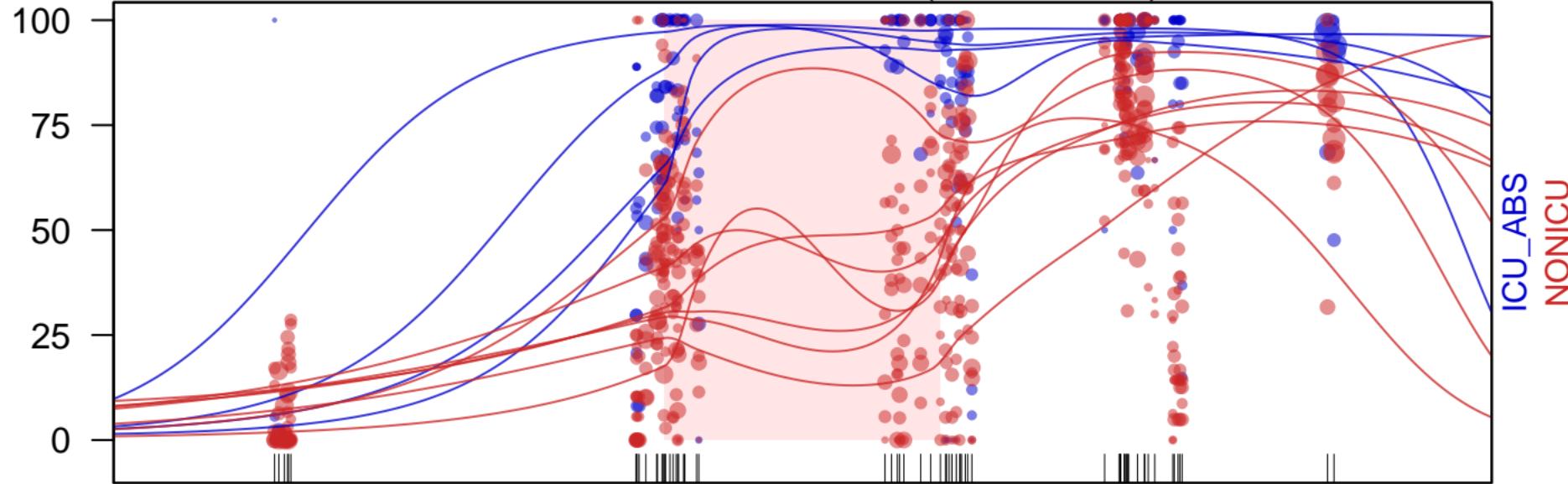
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 3,480,507 – 3,481,864 (width = 1,358)

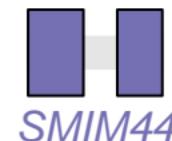
Methylation



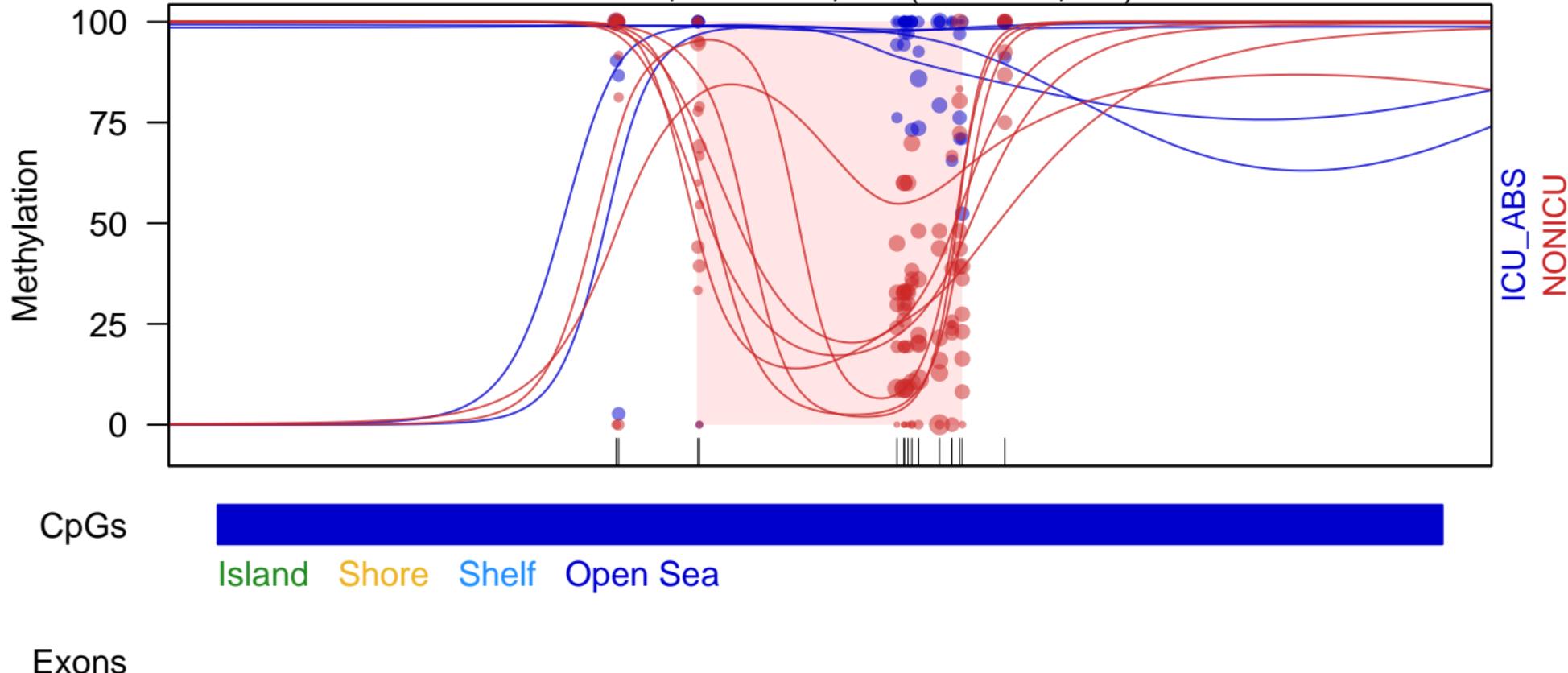
CpGs



Exons

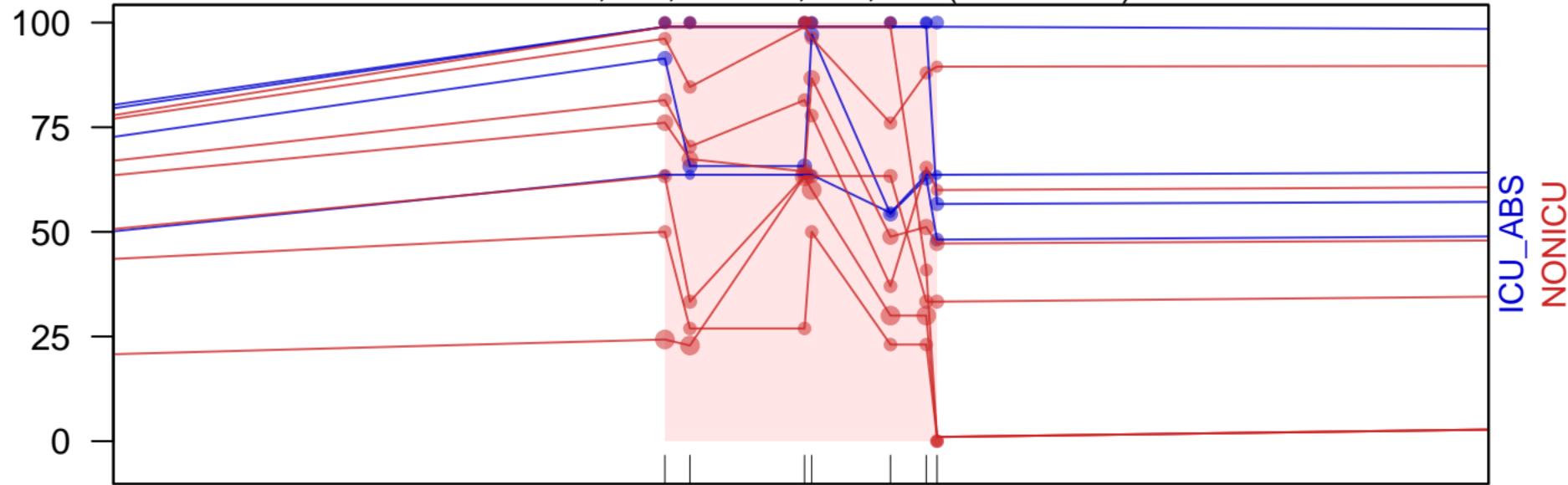


chr7: 801,445 – 802,546 (width = 1,102)



chr20: 2,694,765 – 2,694,841 (width = 77)

Methylation



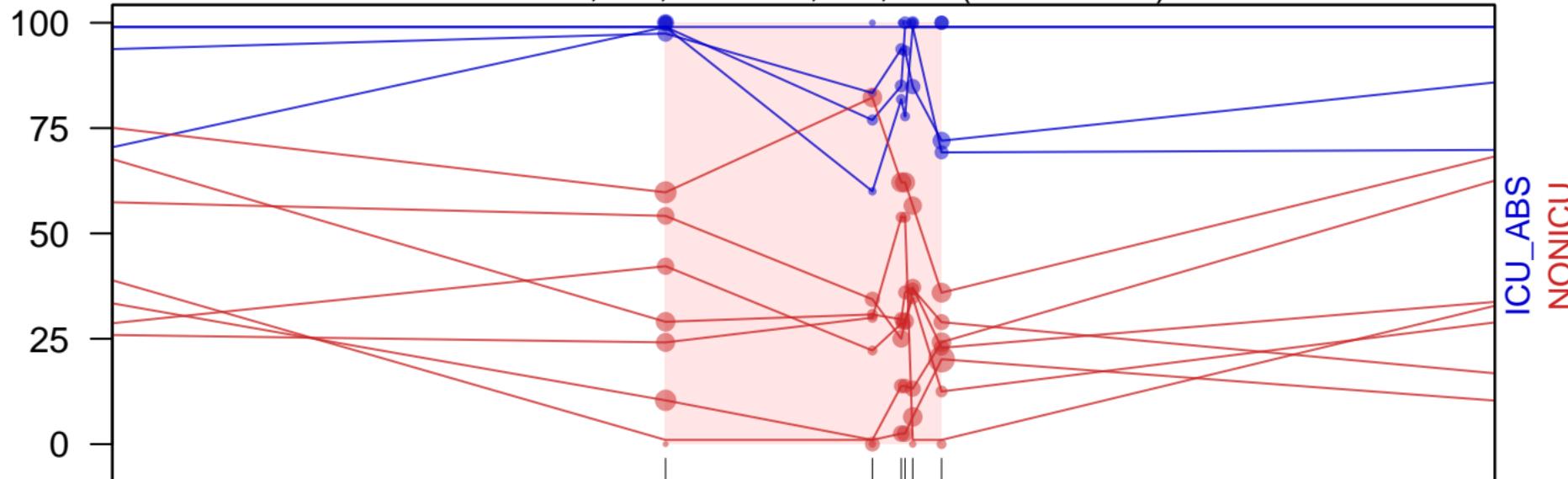
CpGs

Island Shore Shelf Open Sea

Exons

chr21: 44,513,285 – 44,513,716 (width = 432)

Methylation



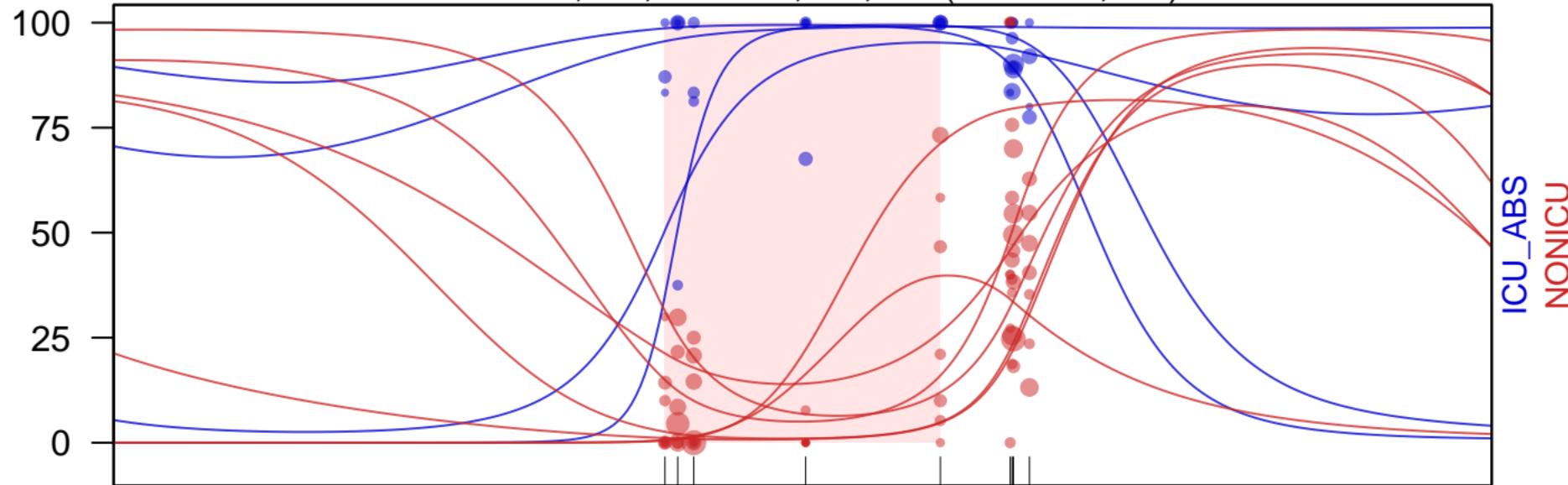
CpGs

Island Shore Shelf Open Sea

Exons

chr21: 41,664,793 – 41,665,807 (width = 1,015)

Methylation

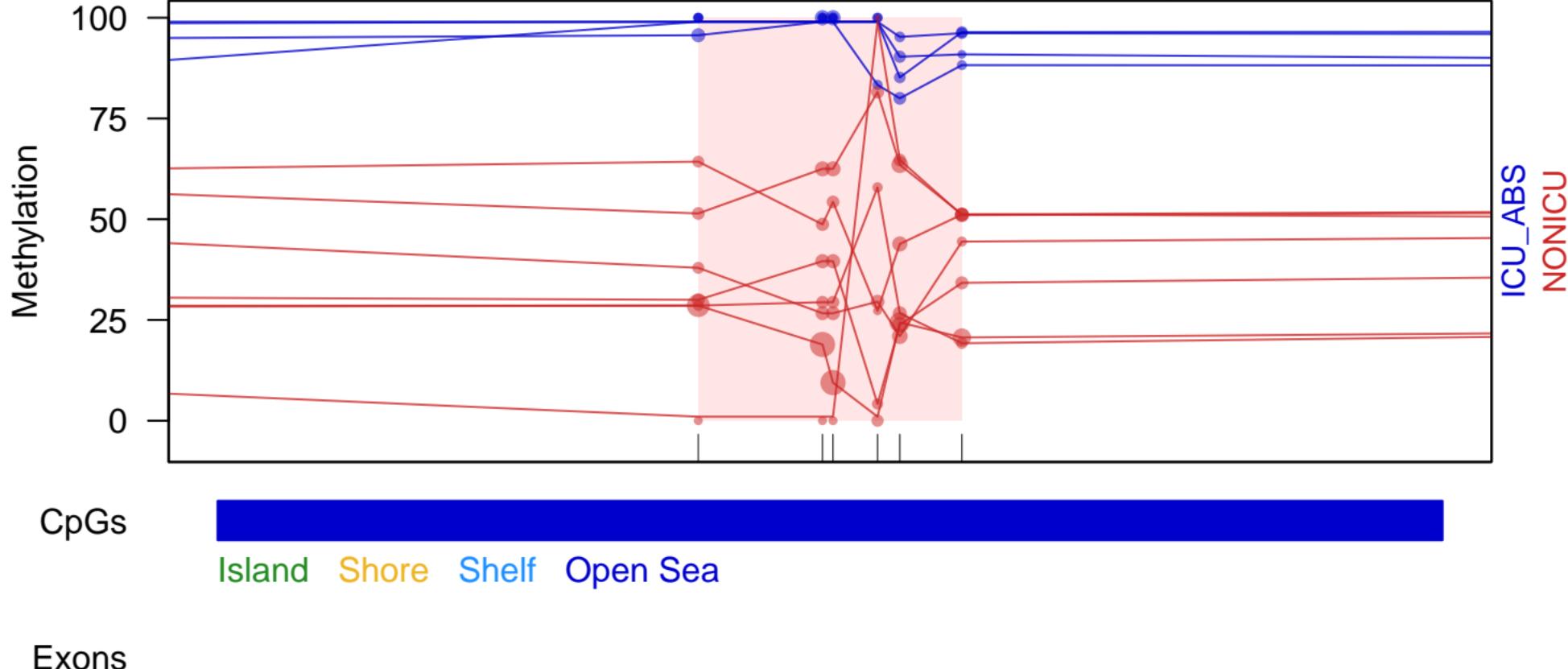


CpGs

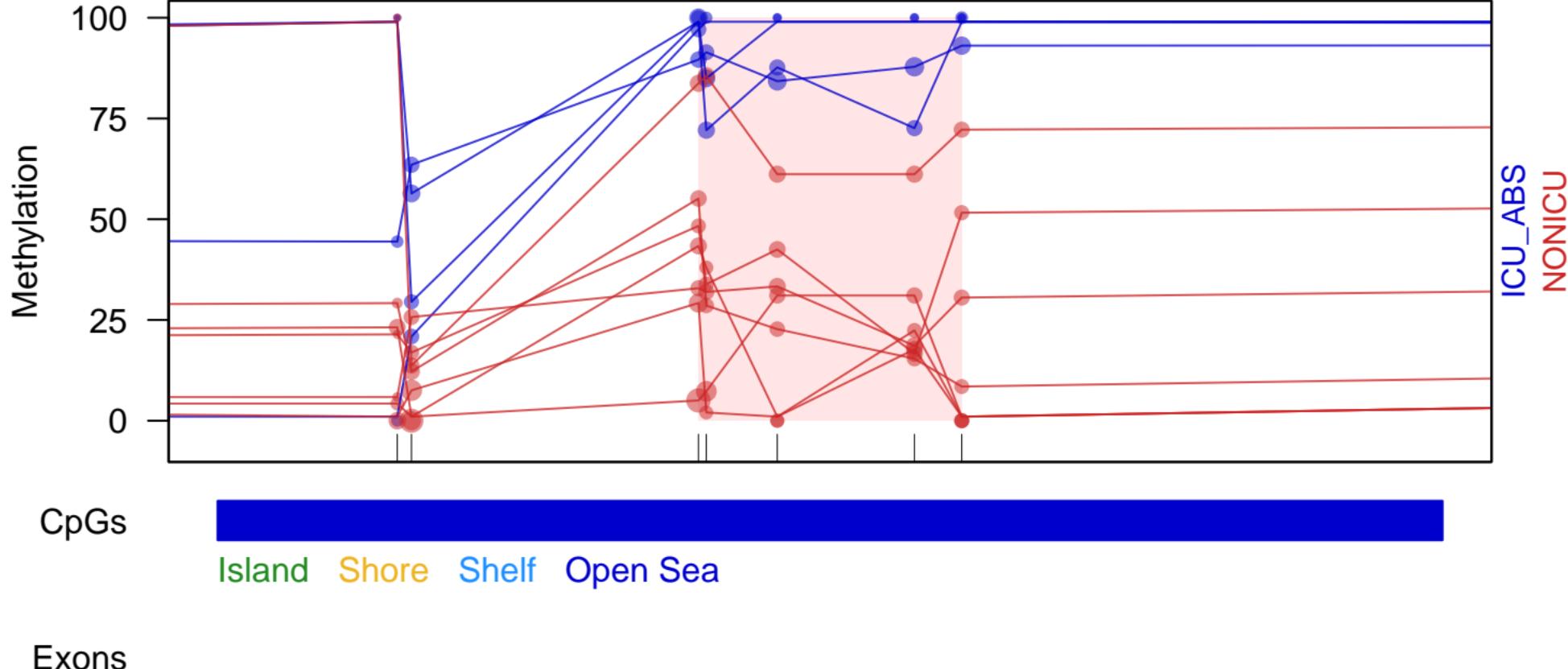
Island Shore Shelf Open Sea

Exons

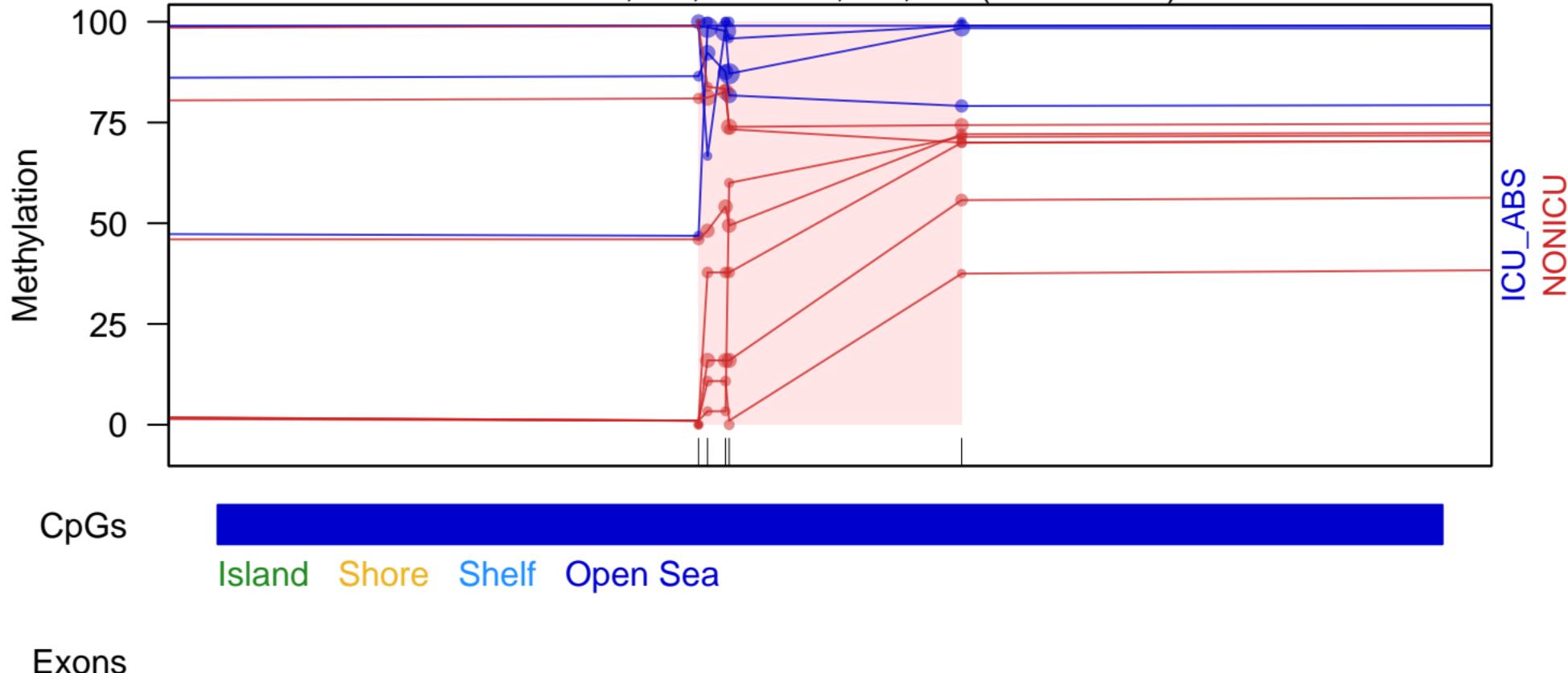
chr10: 71,260,236 – 71,260,461 (width = 226)



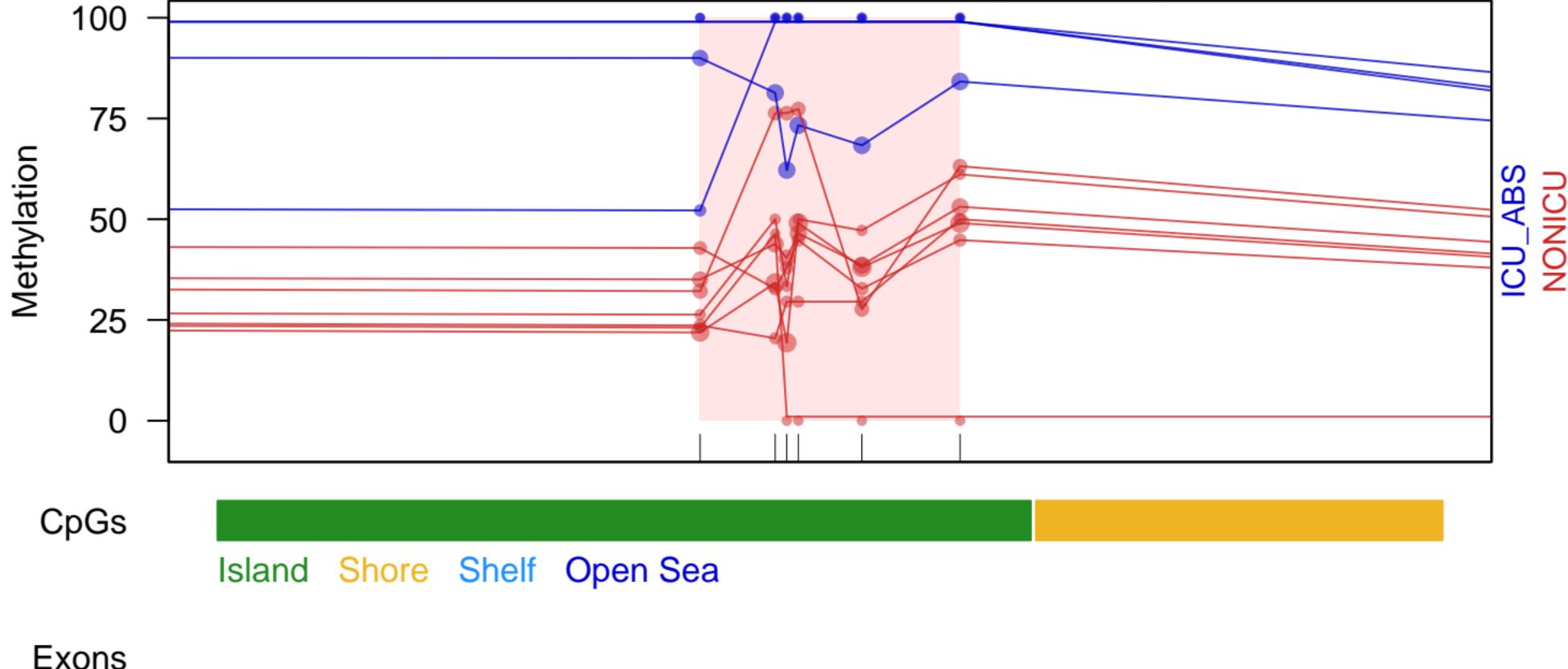
chr10: 78,421,428 – 78,421,595 (width = 168)



chr13: 53,821,870 – 53,822,016 (width = 147)

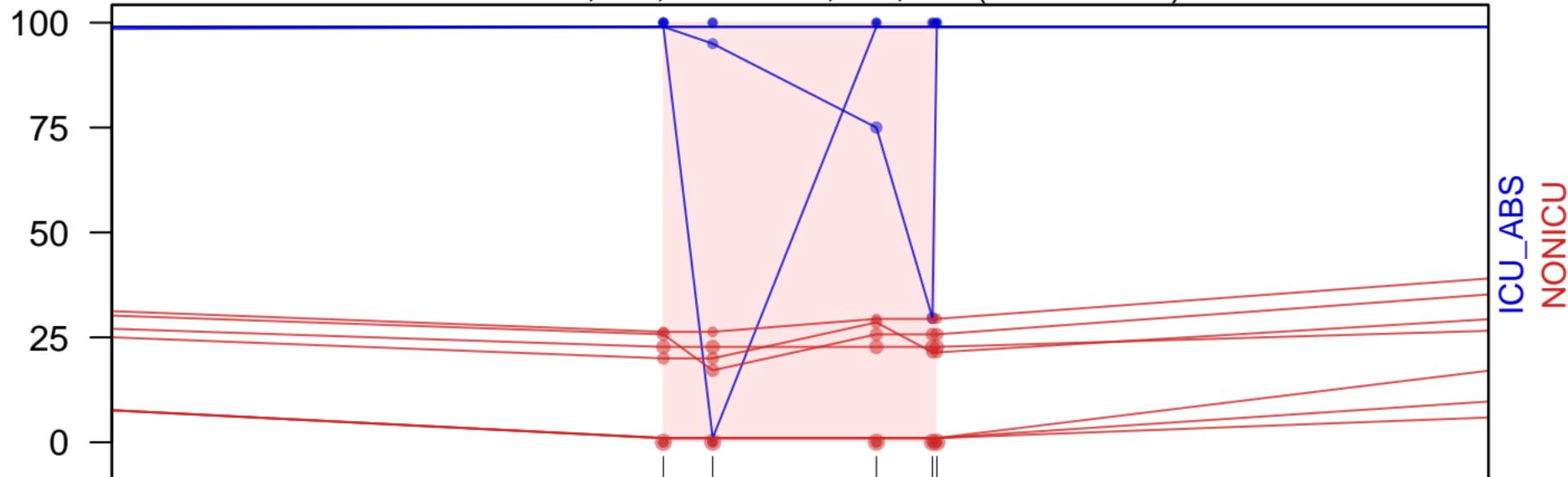


chr19: 41,134,871 – 41,134,916 (width = 46)



chr14: 103,867,655 – 103,867,777 (width = 123)

Methylation



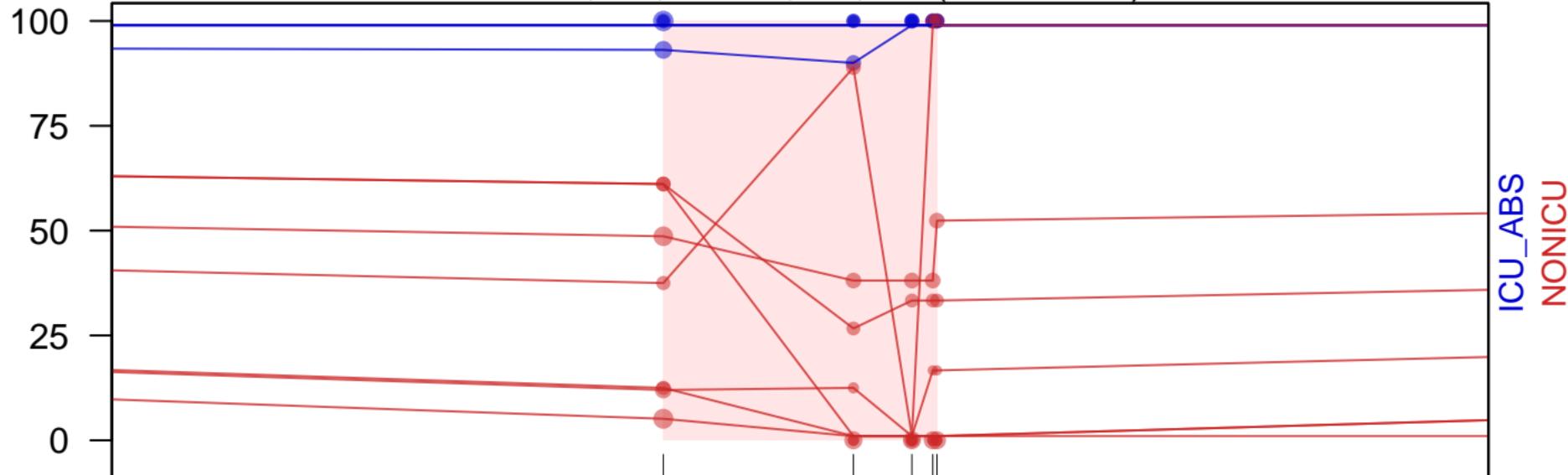
CpGs

Island Shore Shelf Open Sea

Exons

chr16: 4,018,373 – 4,018,504 (width = 132)

Methylation



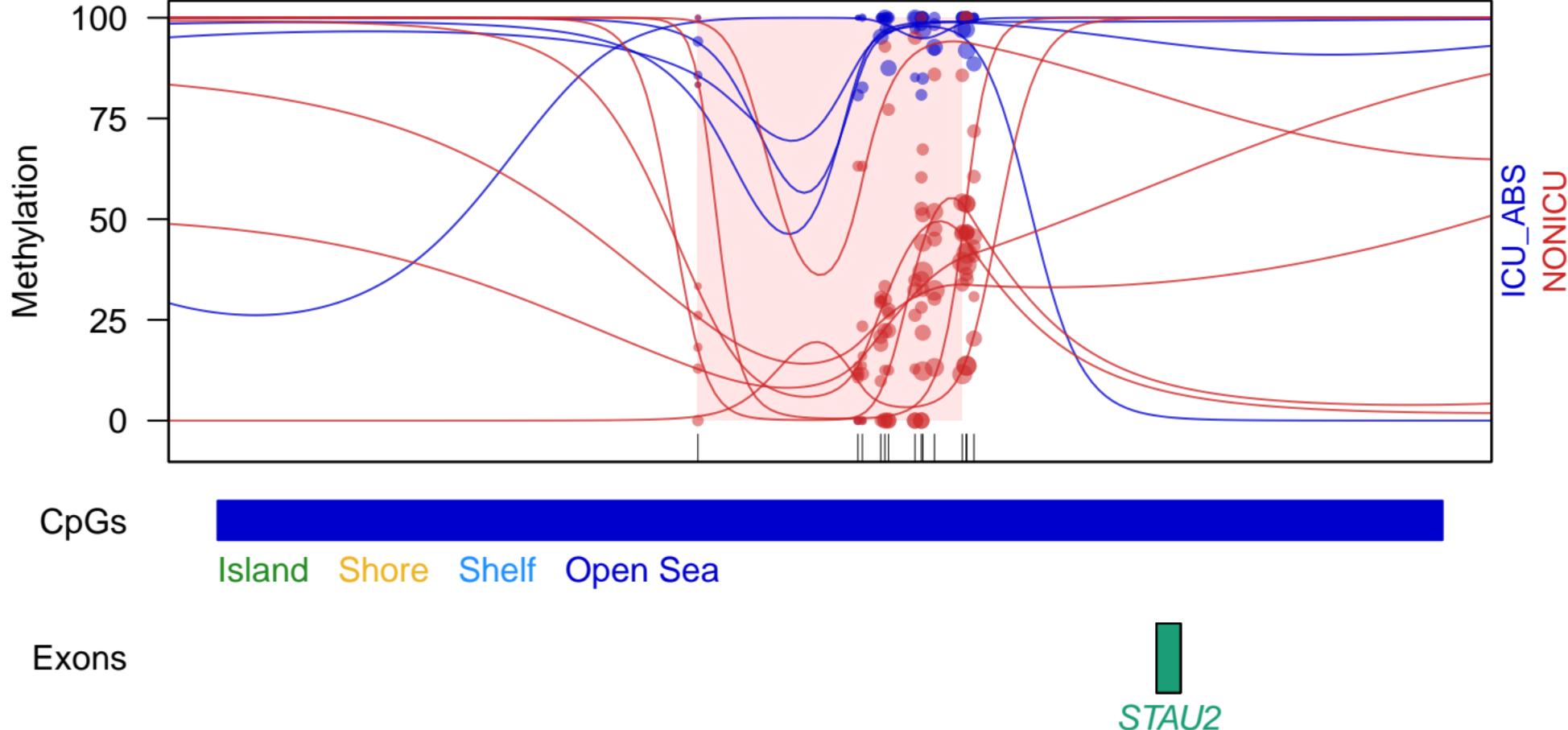
CpGs

Island Shore Shelf Open Sea

Exons

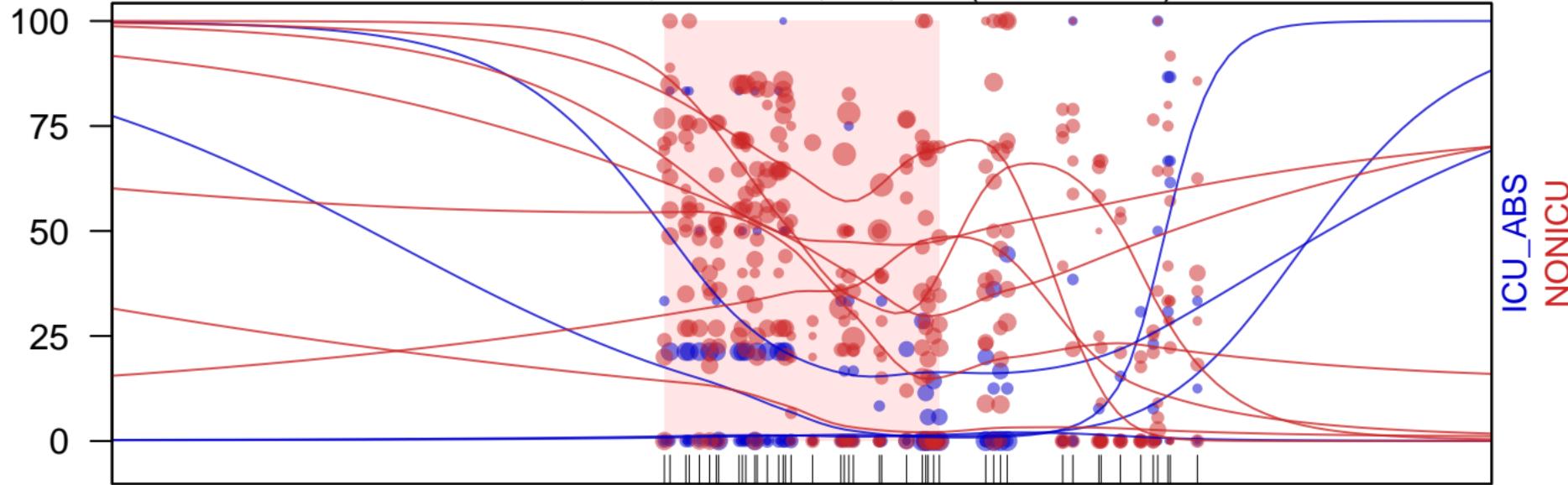
ICU_ABS
NONICU

chr8: 73,419,630 – 73,420,580 (width = 951)



chr9: 136,821,411 – 136,821,654 (width = 244)

Methylation



CpGs

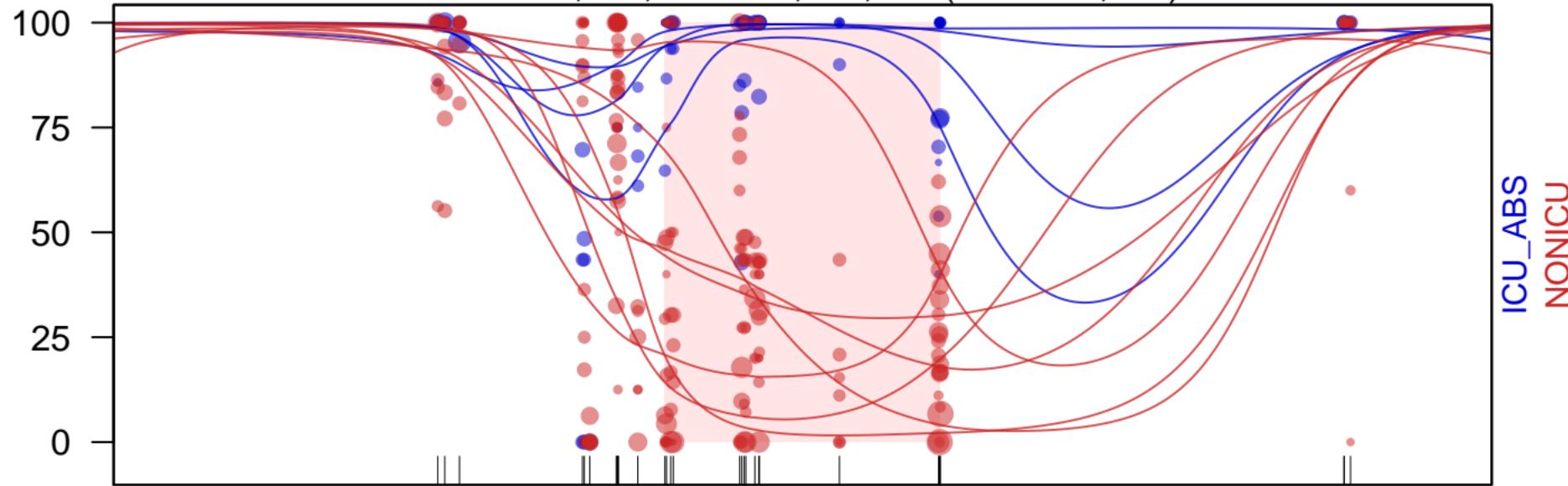


Exons



chr17: 83,089,450 – 83,091,251 (width = 1,802)

Methylation



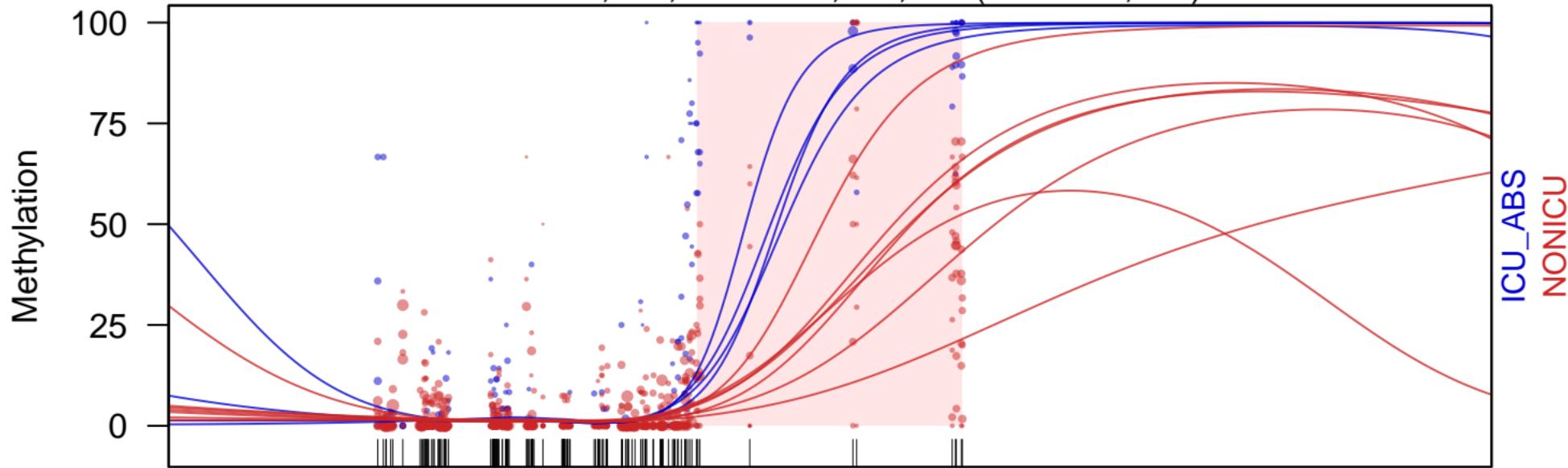
CpGs



Exons



chr3: 126,984,482 – 126,986,341 (width = 1,860)



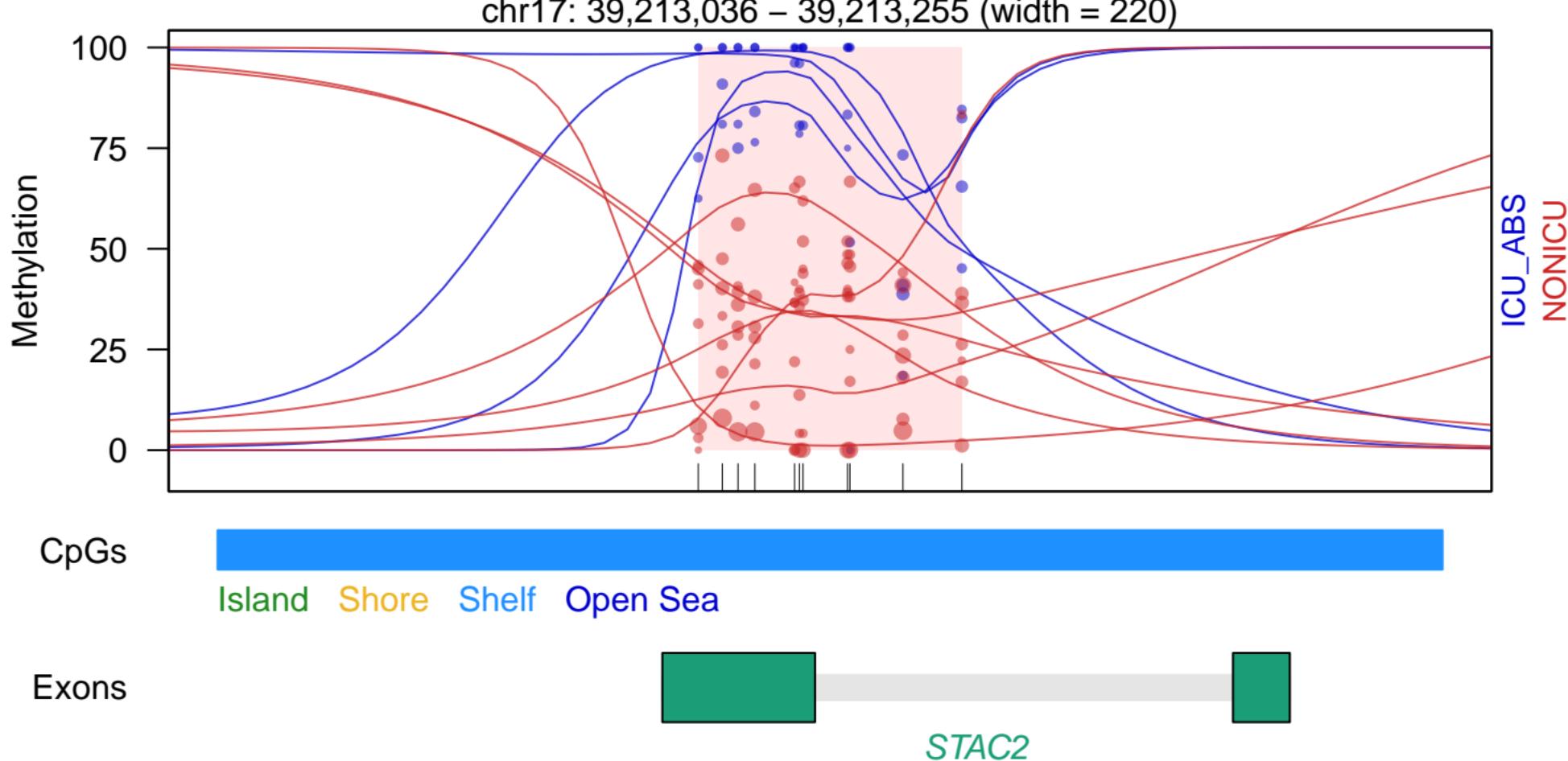
CpGs

Island Shore Shelf Open Sea

Exons

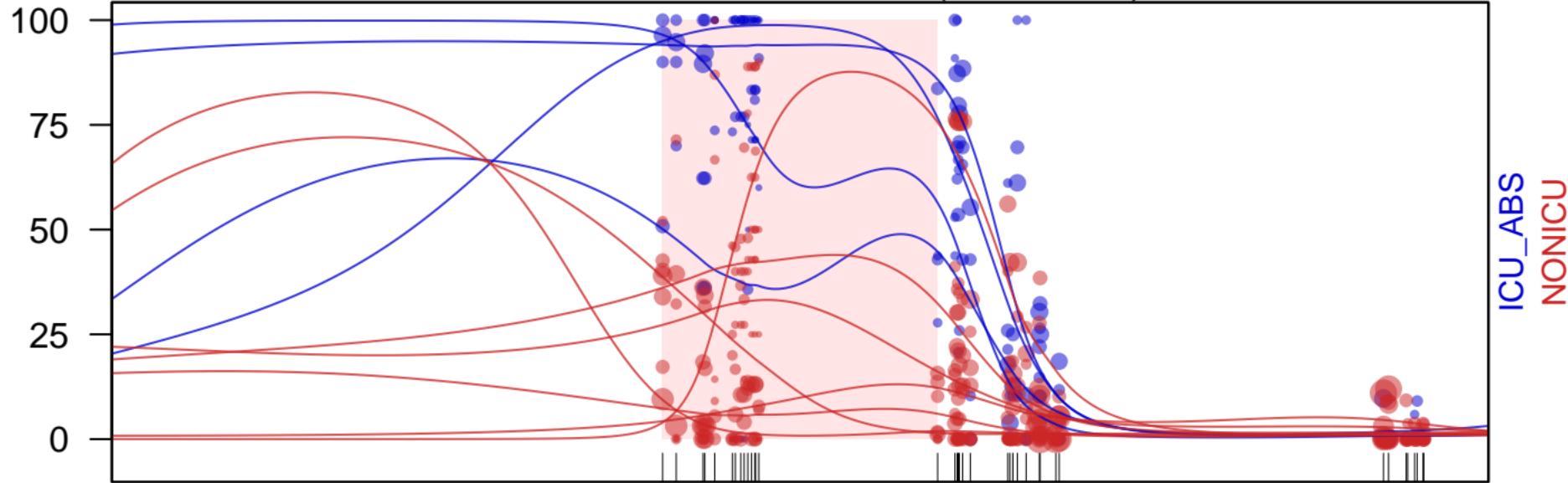
PLXNA1

chr17: 39,213,036 – 39,213,255 (width = 220)



chr17: 6,654,824 – 6,655,573 (width = 750)

Methylation



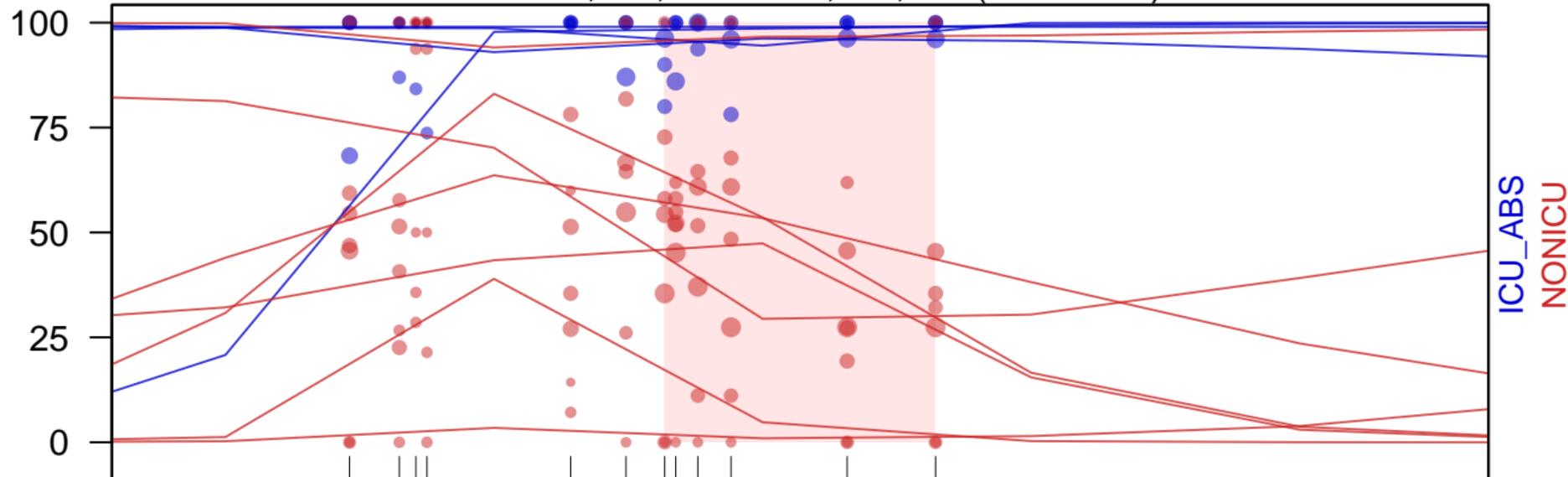
CpGs



Exons

chr5: 173,555,399 – 173,555,448 (width = 50)

Methylation



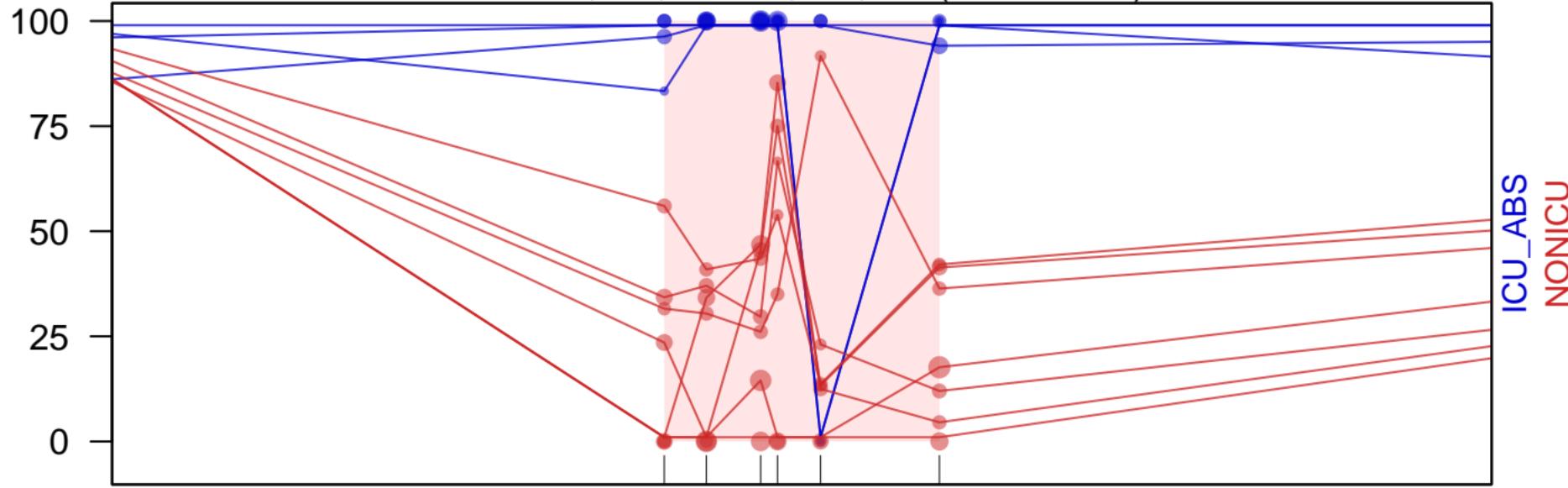
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 4,095,208 – 4,095,502 (width = 295)

Methylation



CpGs

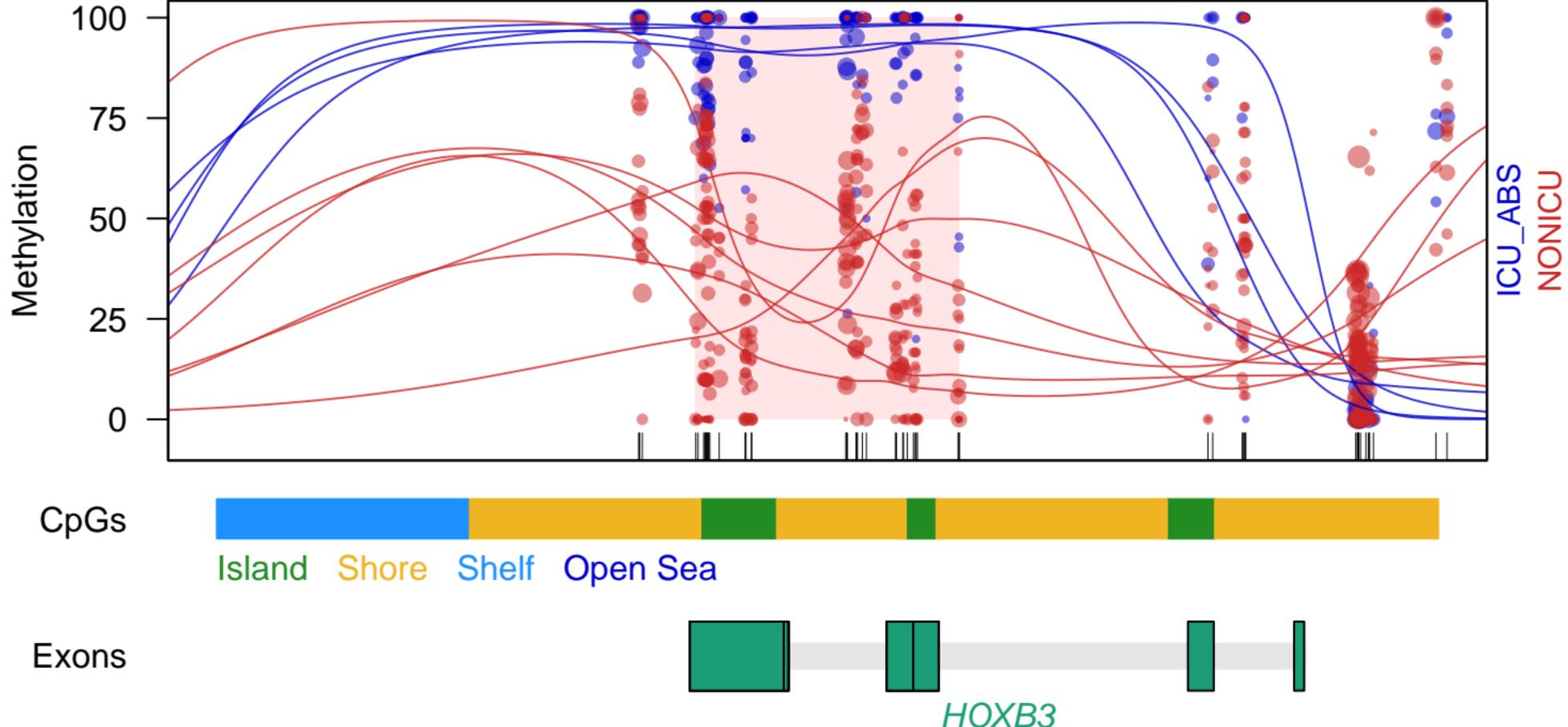


Exons



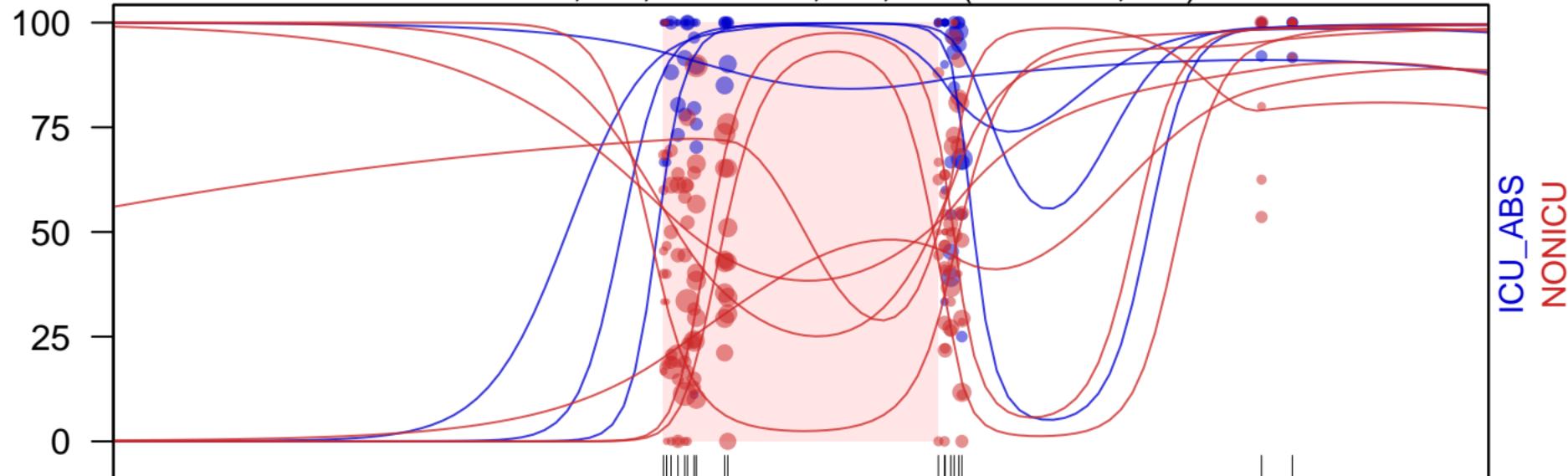
MAP2K2

chr17: 48,550,468 – 48,552,568 (width = 2,101)



chr10: 129,394,912 – 129,396,153 (width = 1,242)

Methylation



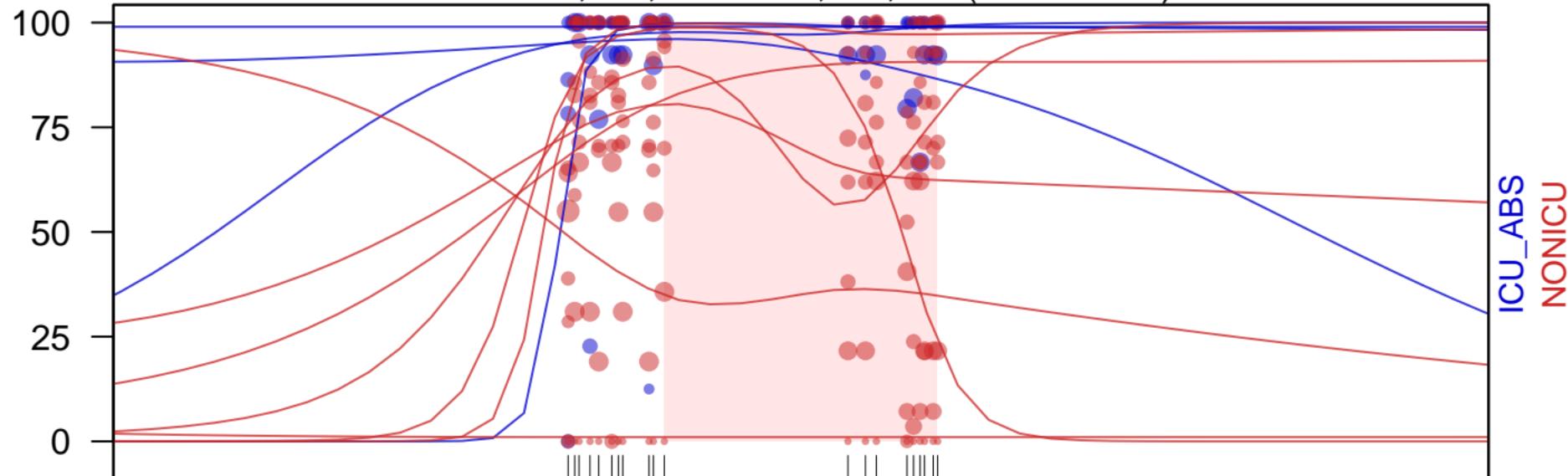
CpGs

Island Shore Shelf Open Sea

Exons

chr7: 102,301,054 – 102,301,179 (width = 126)

Methylation



CpGs

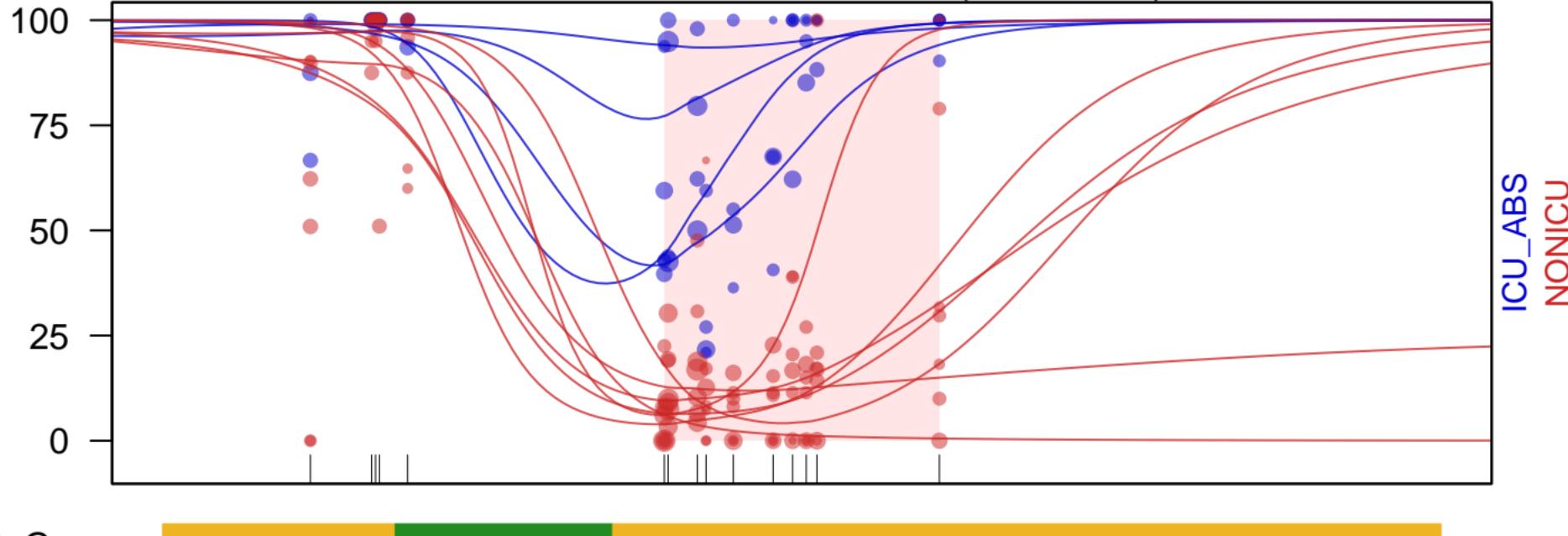
Island Shore Shelf Open Sea

Exons

SH2B2

chr17: 81,071,965 – 81,072,248 (width = 284)

Methylation

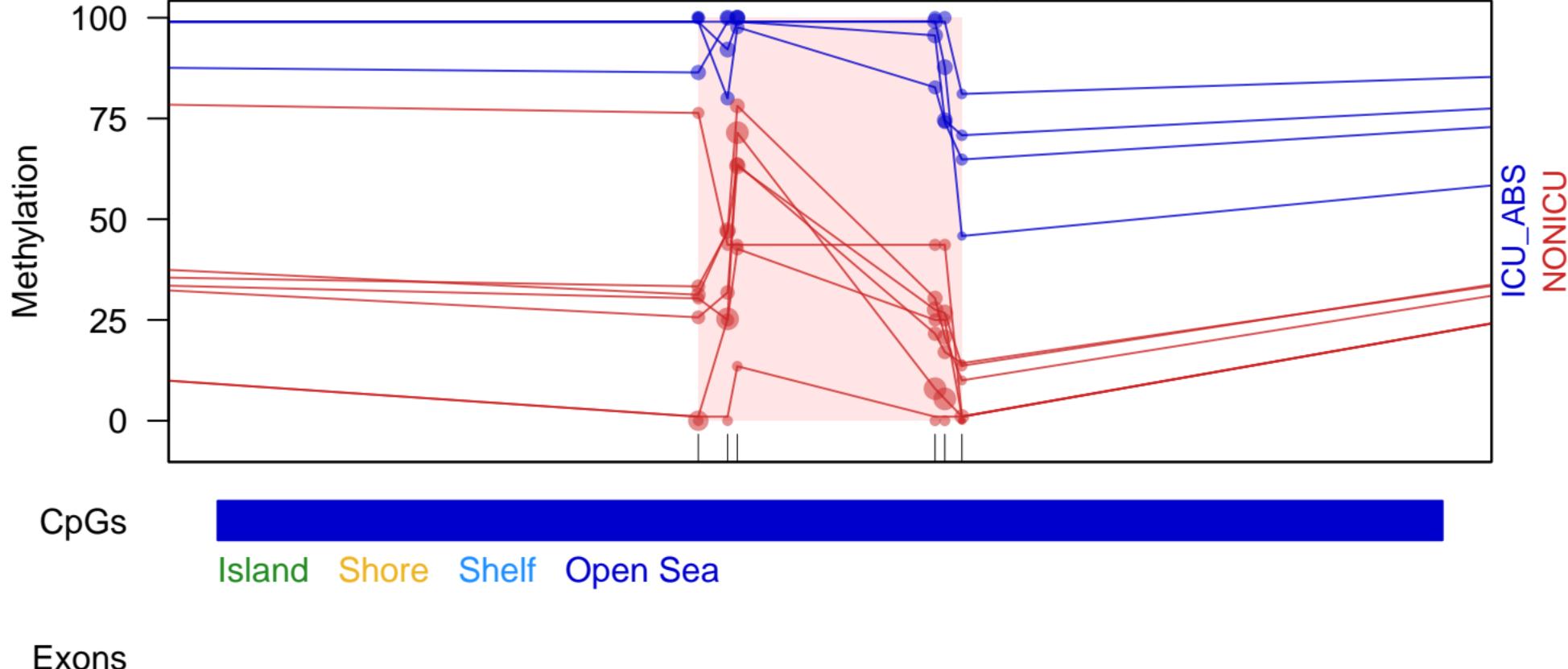


CpGs



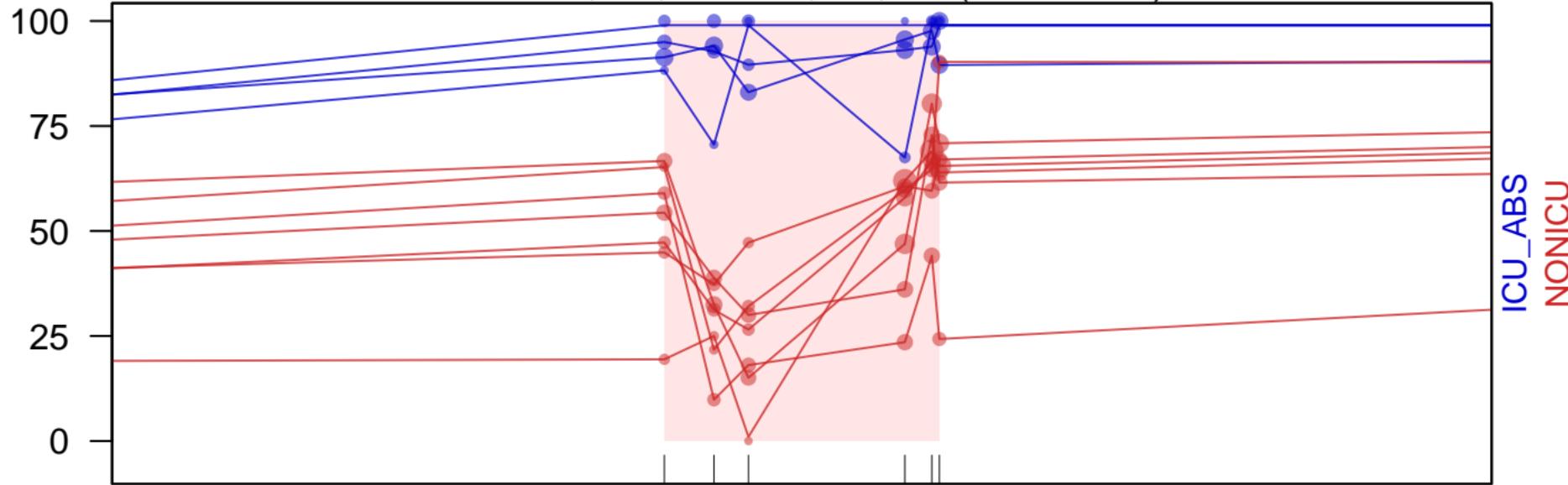
Exons

chr1: 180,946,027 – 180,946,243 (width = 217)



chr19: 13,854,569 – 13,854,824 (width = 256)

Methylation



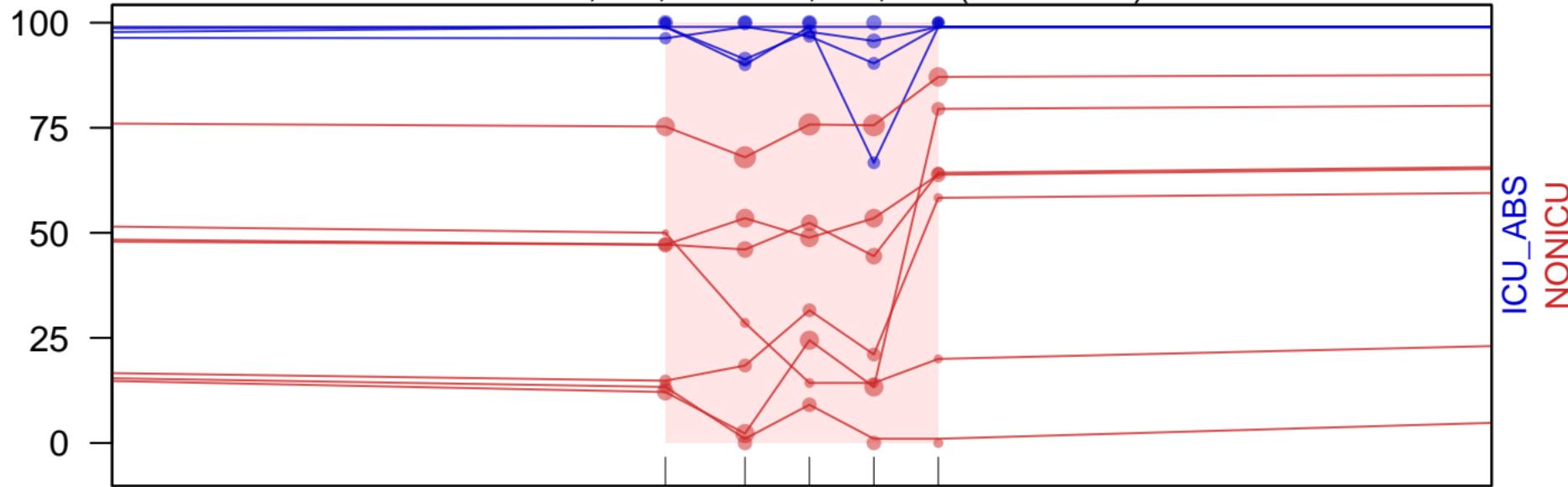
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 25,305,899 – 25,305,971 (width = 73)

Methylation



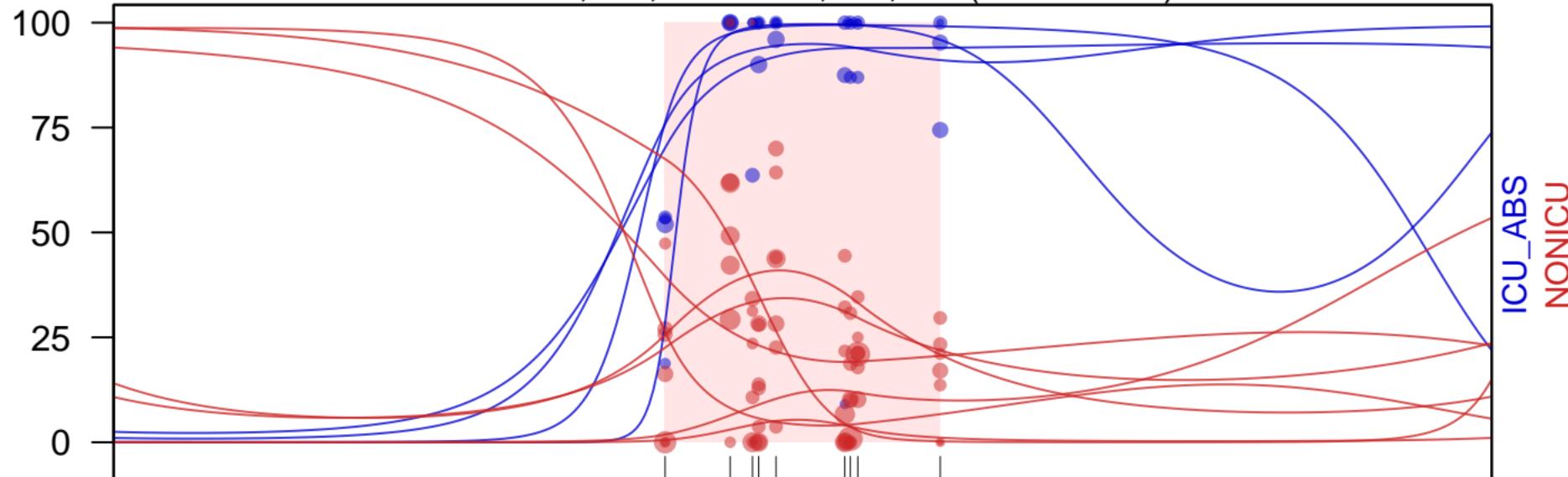
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 239,463,704 – 239,464,148 (width = 445)

Methylation



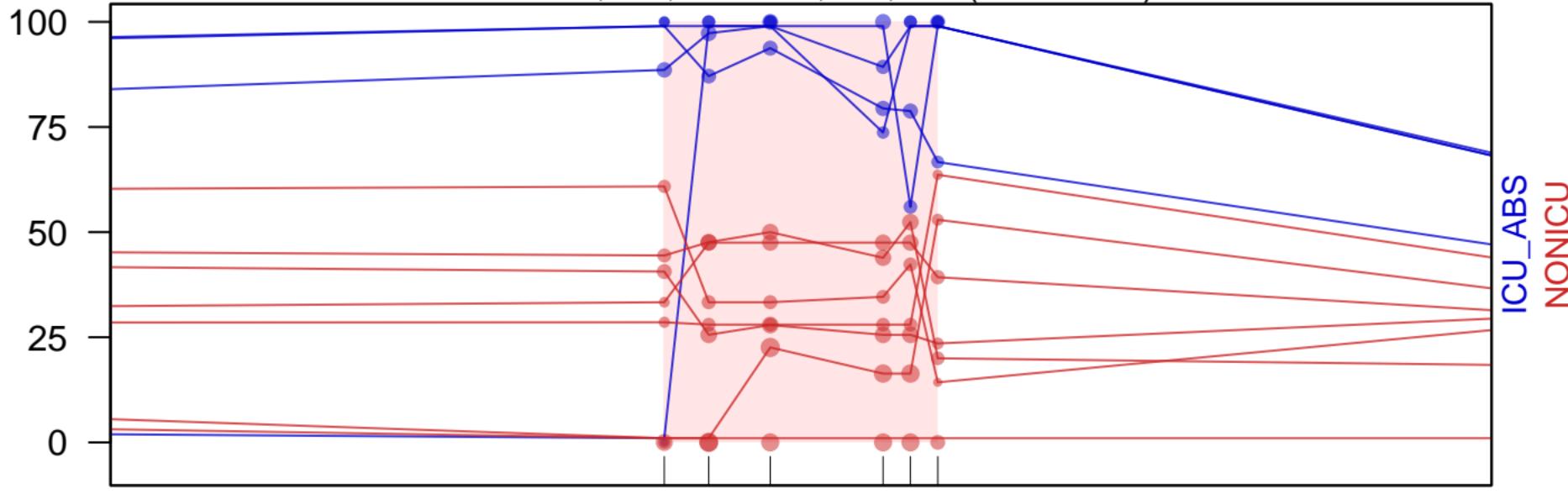
CpGs

Island Shore Shelf Open Sea

Exons

chr18: 79,526,196 – 79,526,276 (width = 81)

Methylation



CpGs

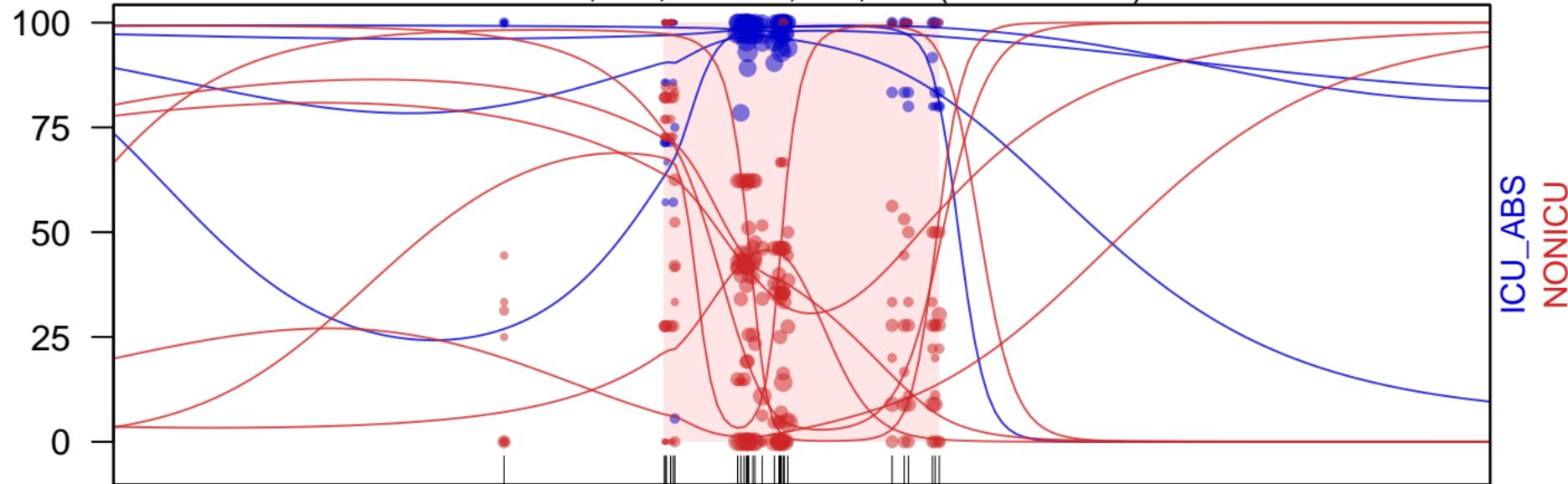


Island Shore Shelf Open Sea

Exons

chr11: 6,630,322 – 6,630,847 (width = 526)

Methylation



CpGs

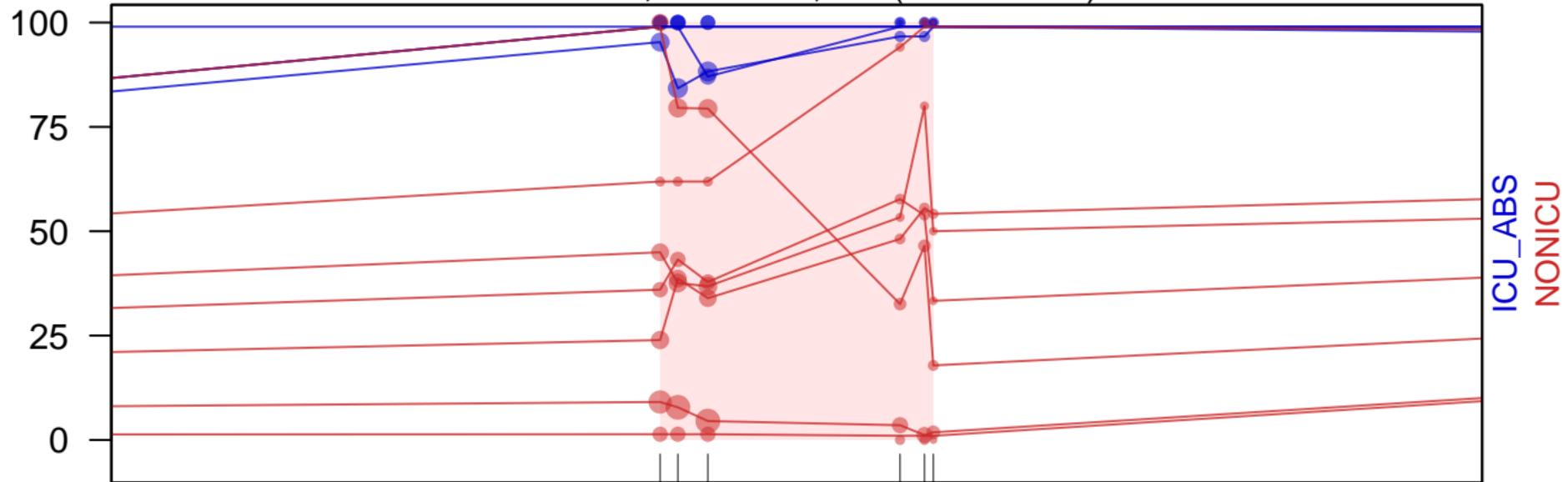


Exons



chr5: 931,003 – 931,249 (width = 247)

Methylation



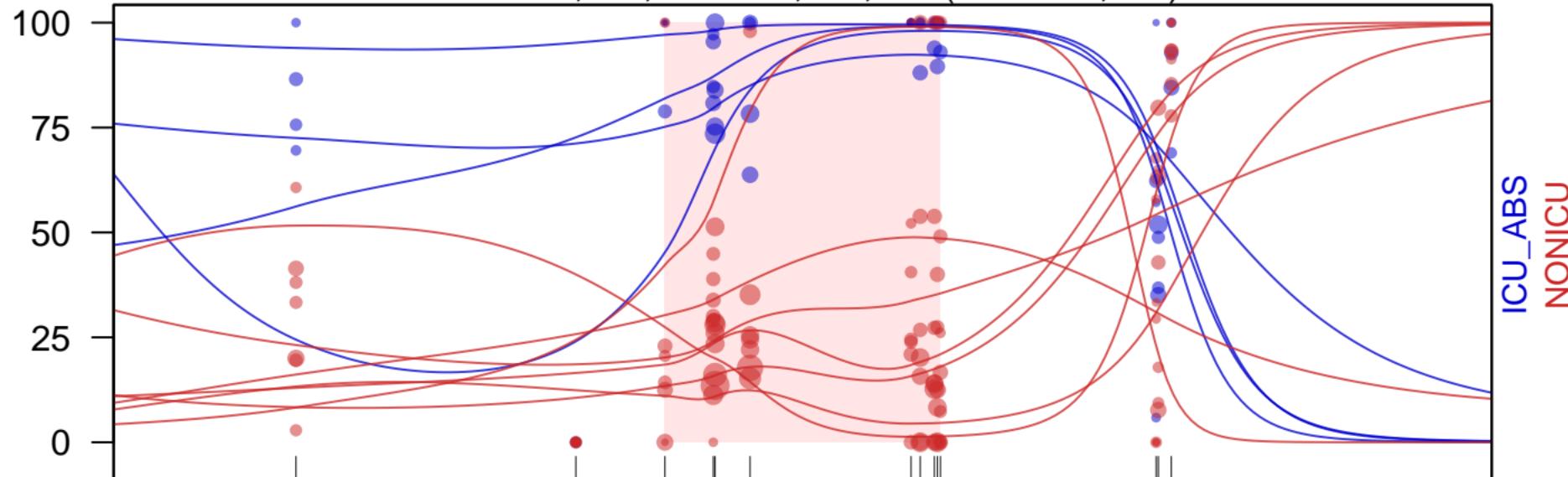
CpGs

Island Shore Shelf Open Sea

Exons

chr14: 74,572,582 – 74,573,961 (width = 1,380)

Methylation



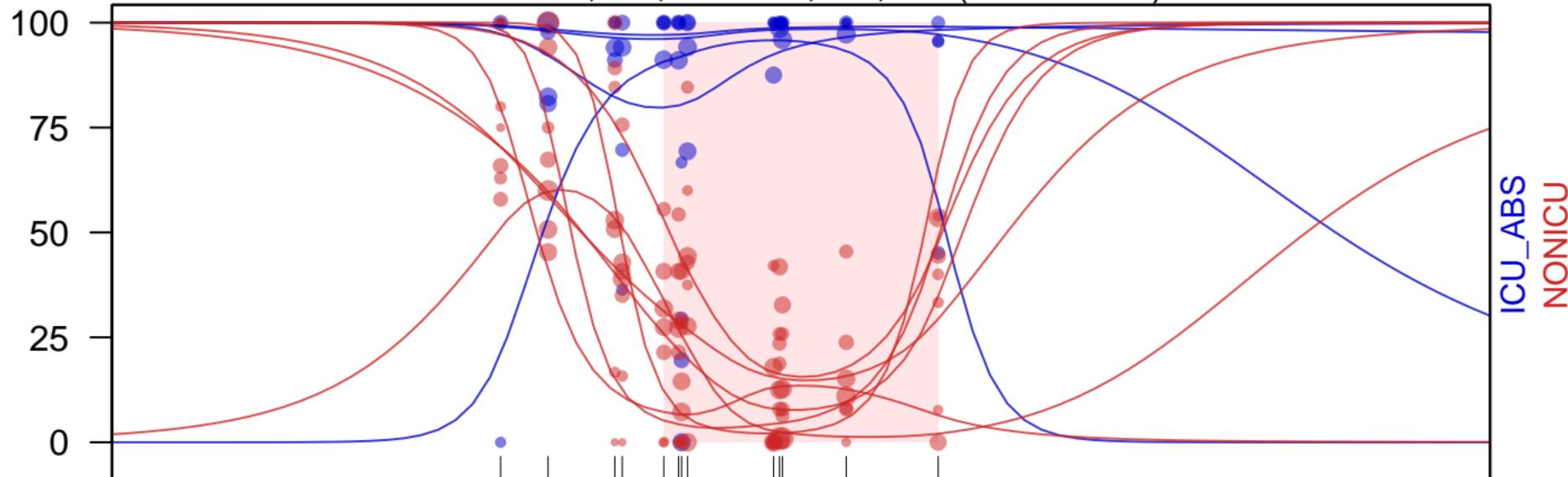
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 53,597,017 – 53,597,202 (width = 186)

Methylation



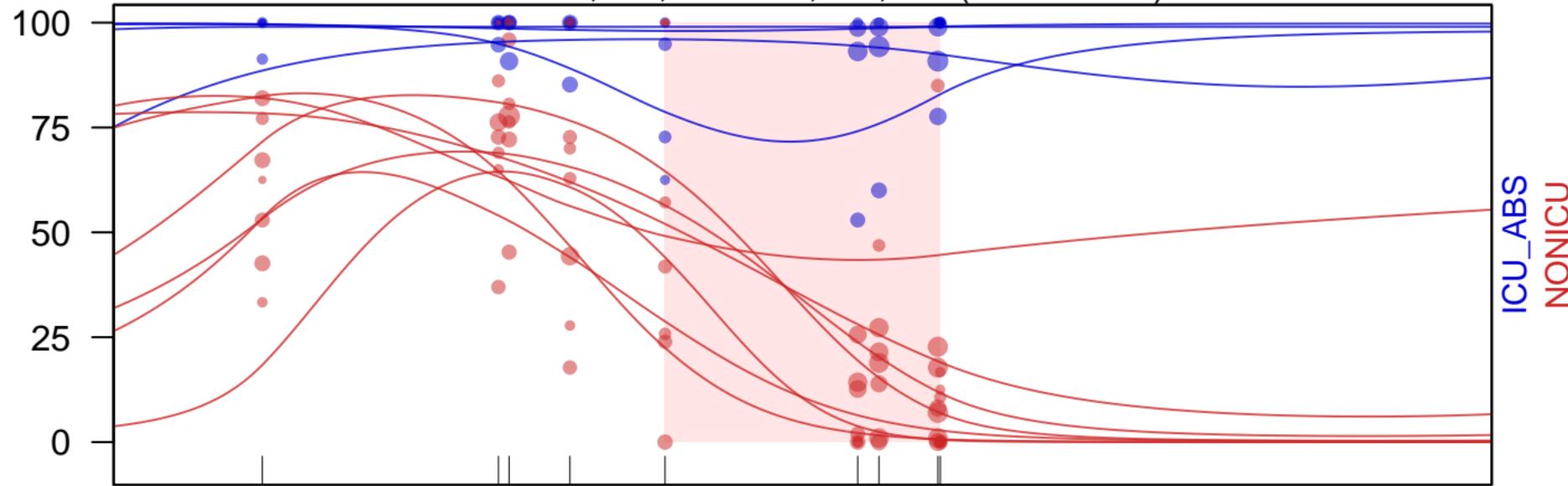
CpGs

Island Shore Shelf Open Sea

Exons

chr22: 37,749,269 – 37,749,839 (width = 571)

Methylation



CpGs

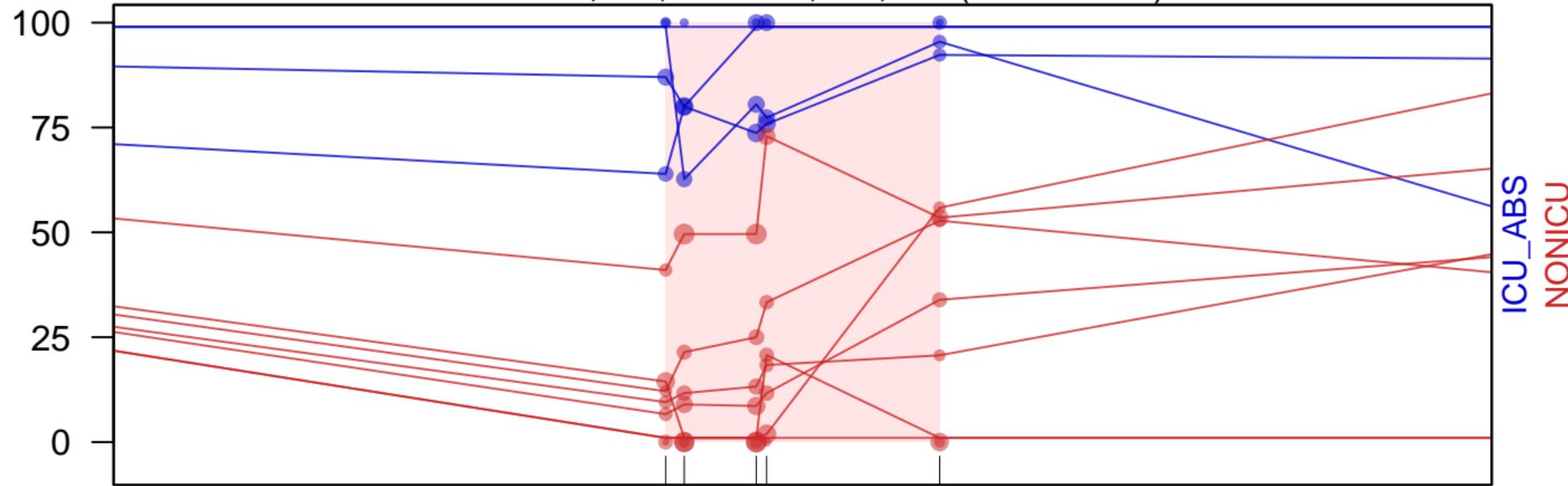
Island Shore Shelf Open Sea

Exons

TRIOBP

chr11: 64,971,016 – 64,971,149 (width = 134)

Methylation



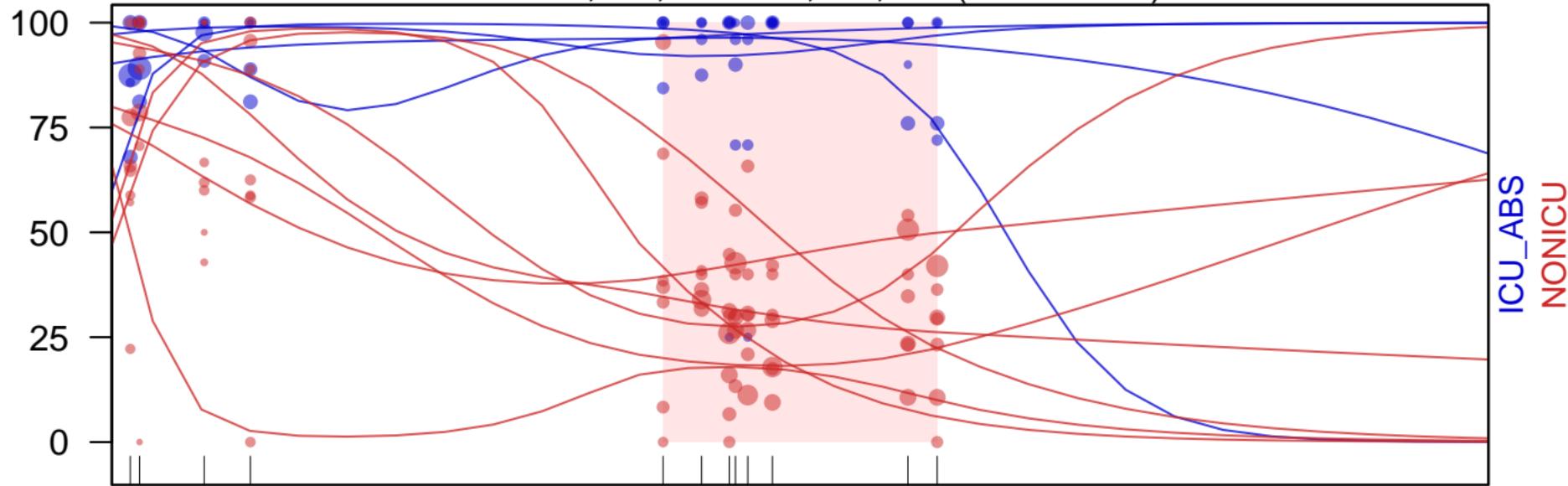
CpGs

Island Shore Shelf Open Sea

Exons

chr20: 59,063,827 – 59,064,005 (width = 179)

Methylation



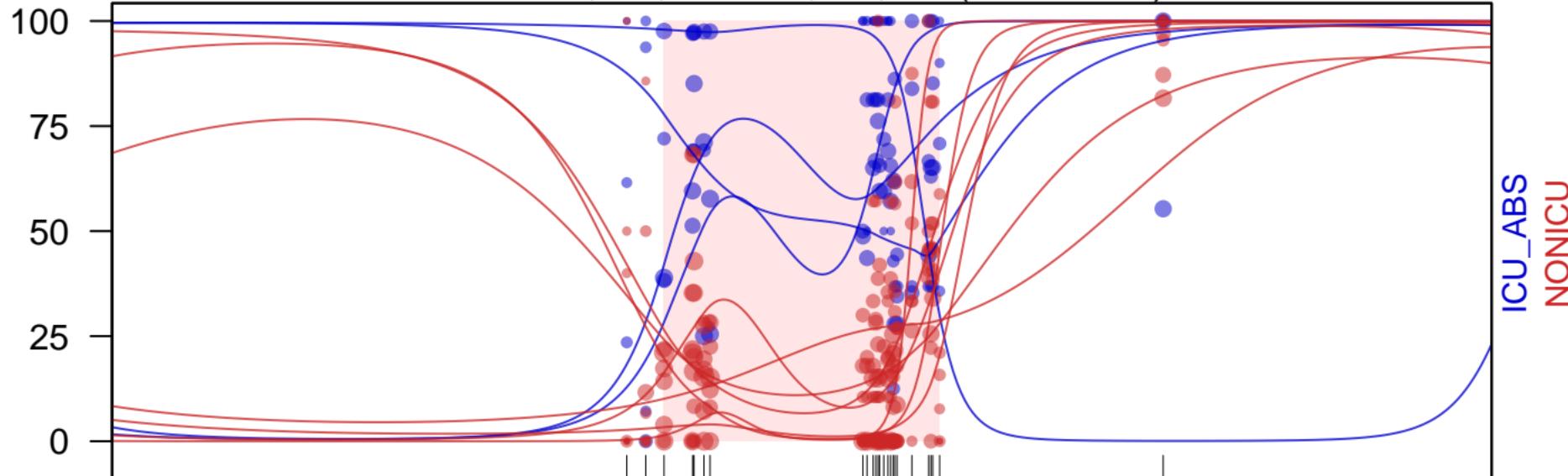
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 14,265,395 – 14,266,120 (width = 726)

Methylation

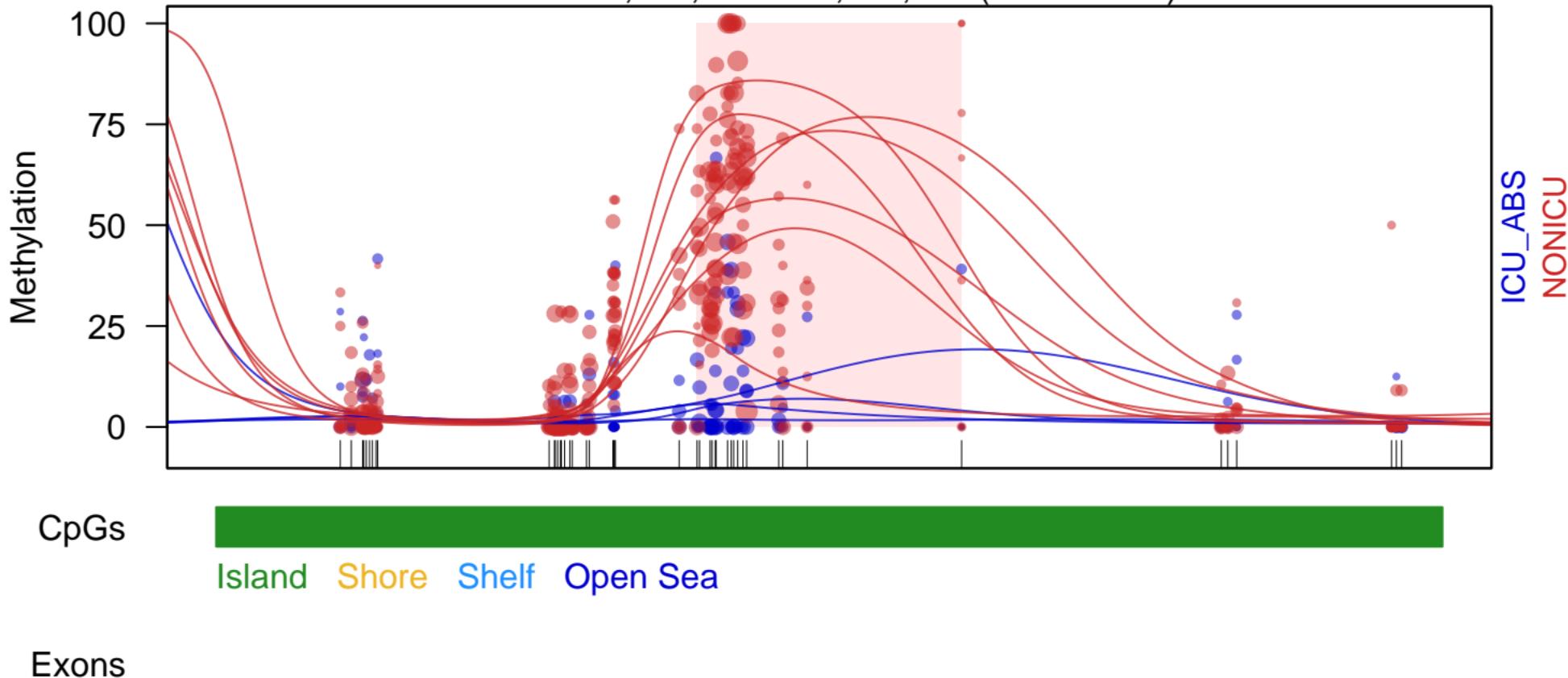


CpGs

Island Shore Shelf Open Sea

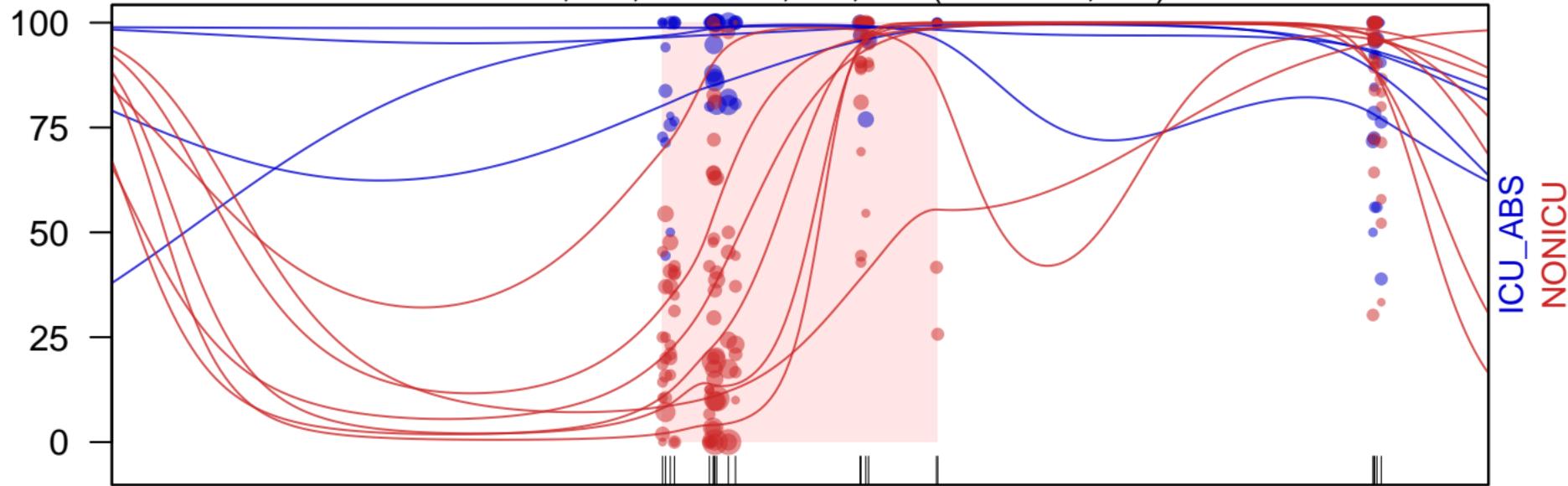
Exons

chr20: 56,627,180 – 56,627,831 (width = 652)



chr1: 16,624,376 – 16,625,968 (width = 1,593)

Methylation



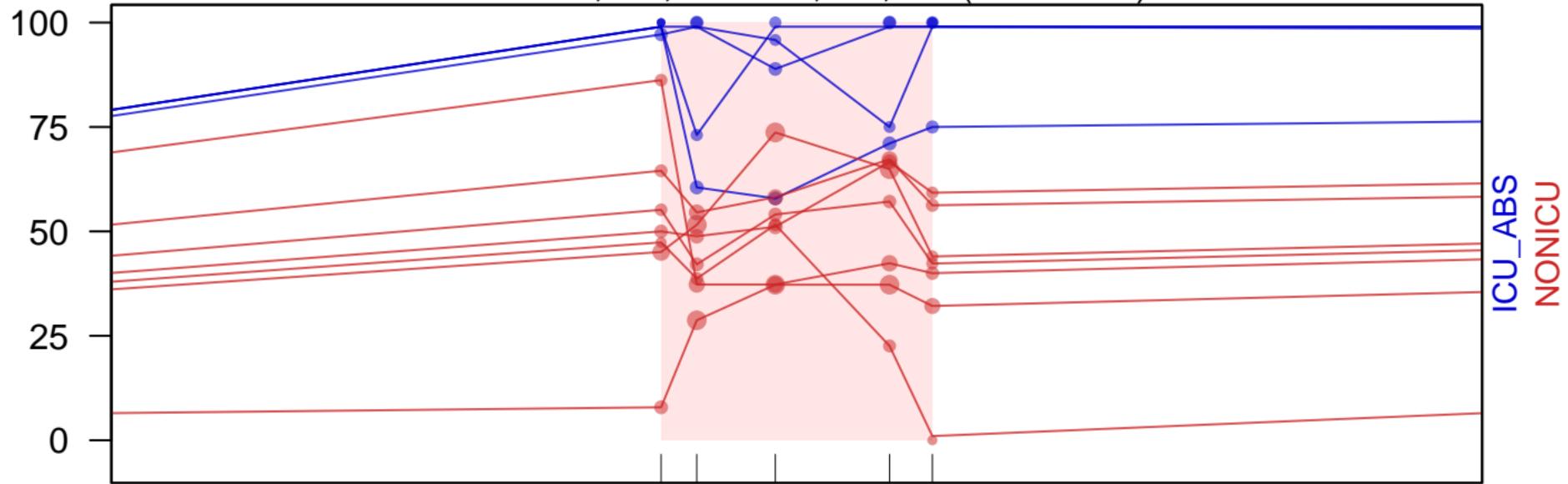
CpGs

Island Shore Shelf Open Sea

Exons

chr20: 49,047,669 – 49,047,745 (width = 77)

Methylation



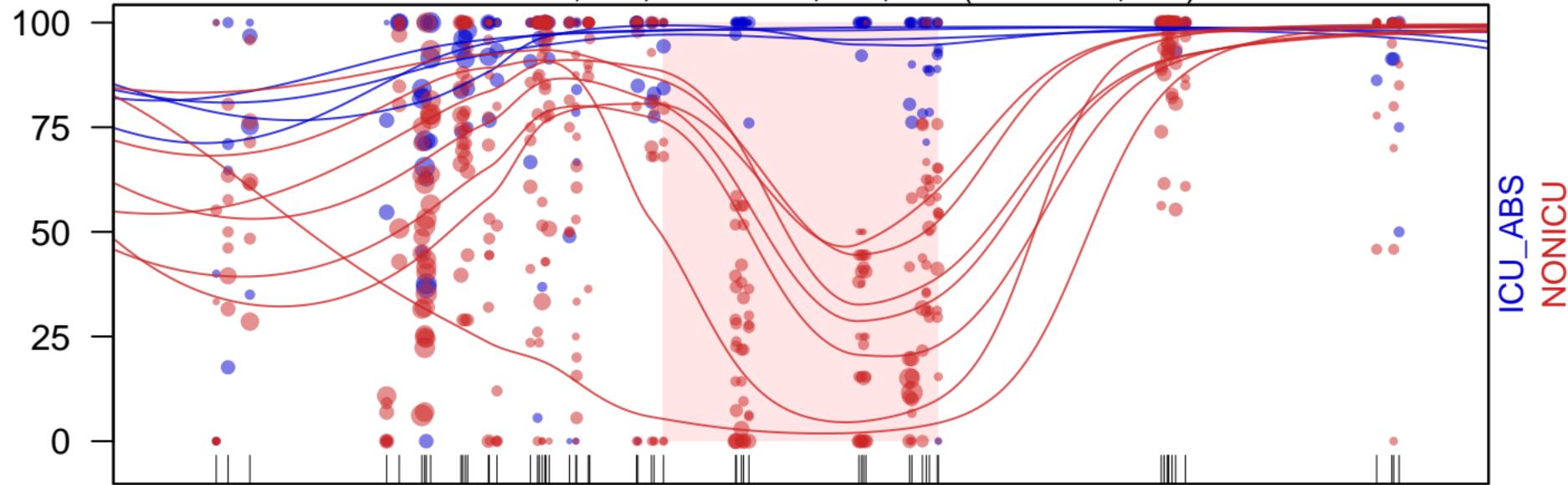
CpGs

Island Shore Shelf Open Sea

Exons

chr14: 104,171,169 – 104,172,238 (width = 1,070)

Methylation



CpGs



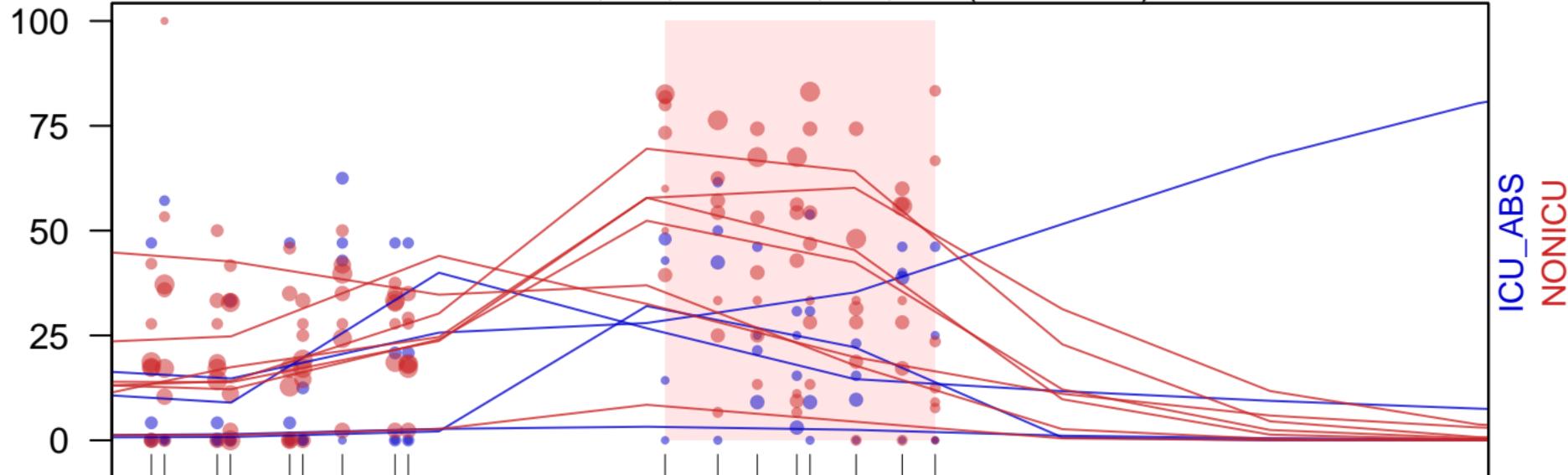
Island Shore Shelf Open Sea

Exons



chr15: 81,118,641 – 81,118,682 (width = 42)

Methylation



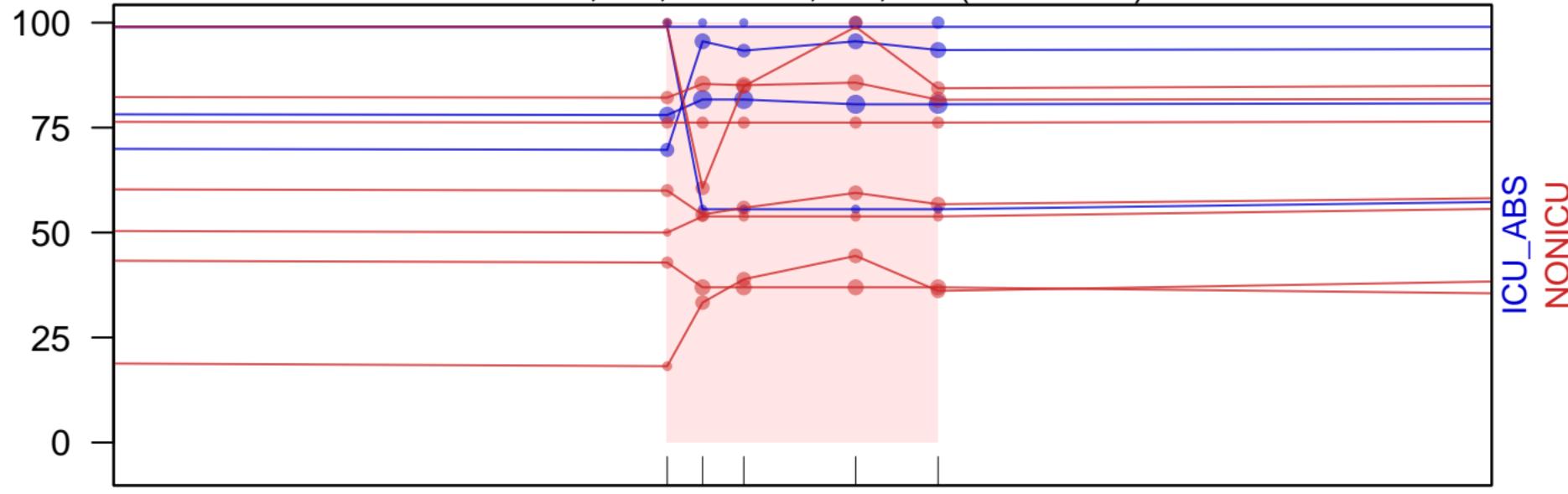
CpGs



Exons

chr5: 37,209,014 – 37,209,060 (width = 47)

Methylation



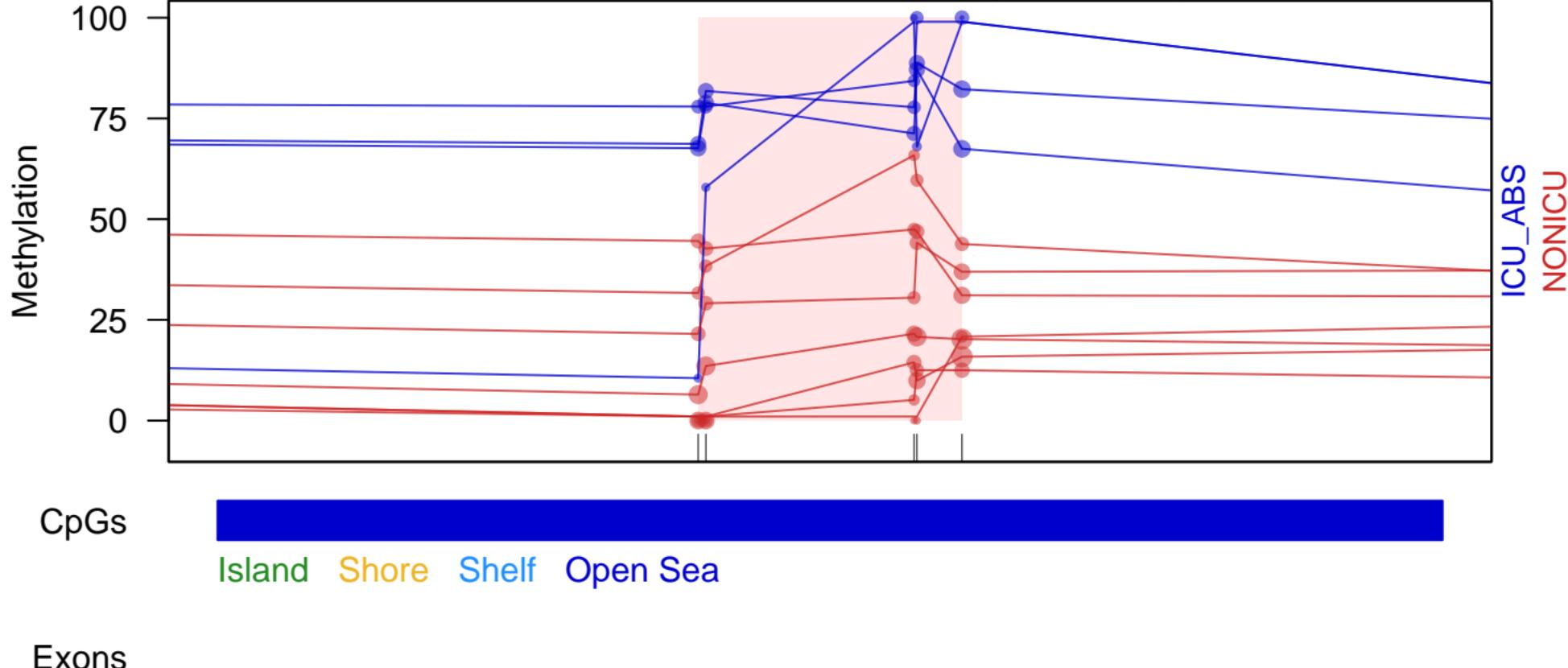
CpGs



Island Shore Shelf Open Sea

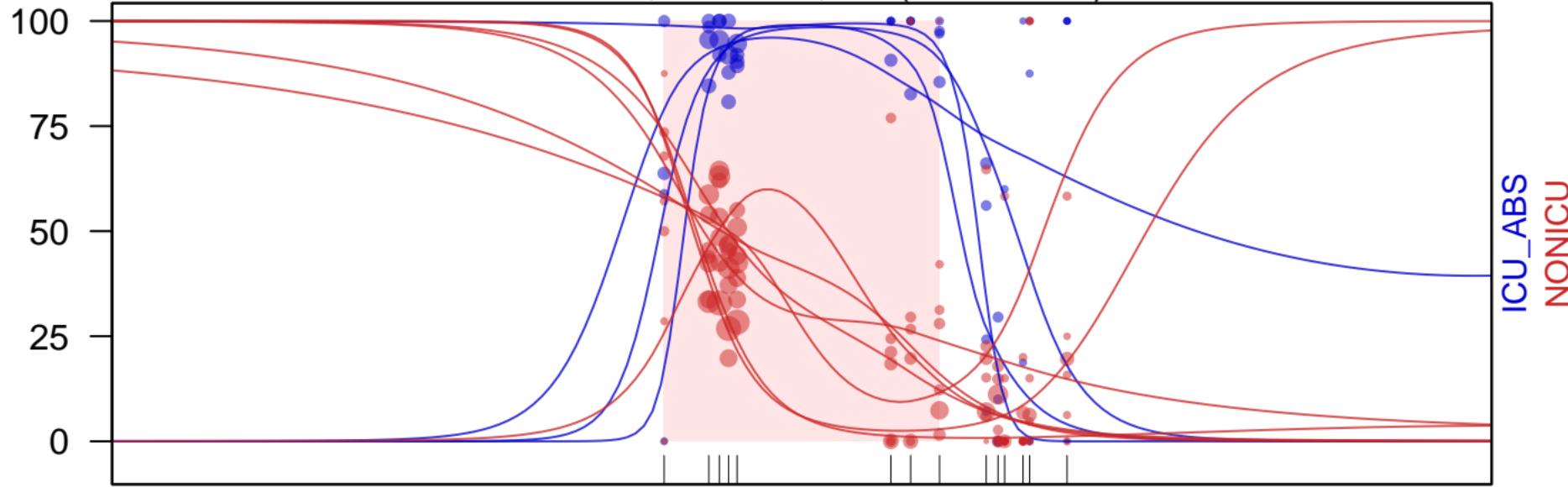
Exons

chr7: 135,758,302 – 135,758,577 (width = 276)



chr7: 913,791 – 914,210 (width = 420)

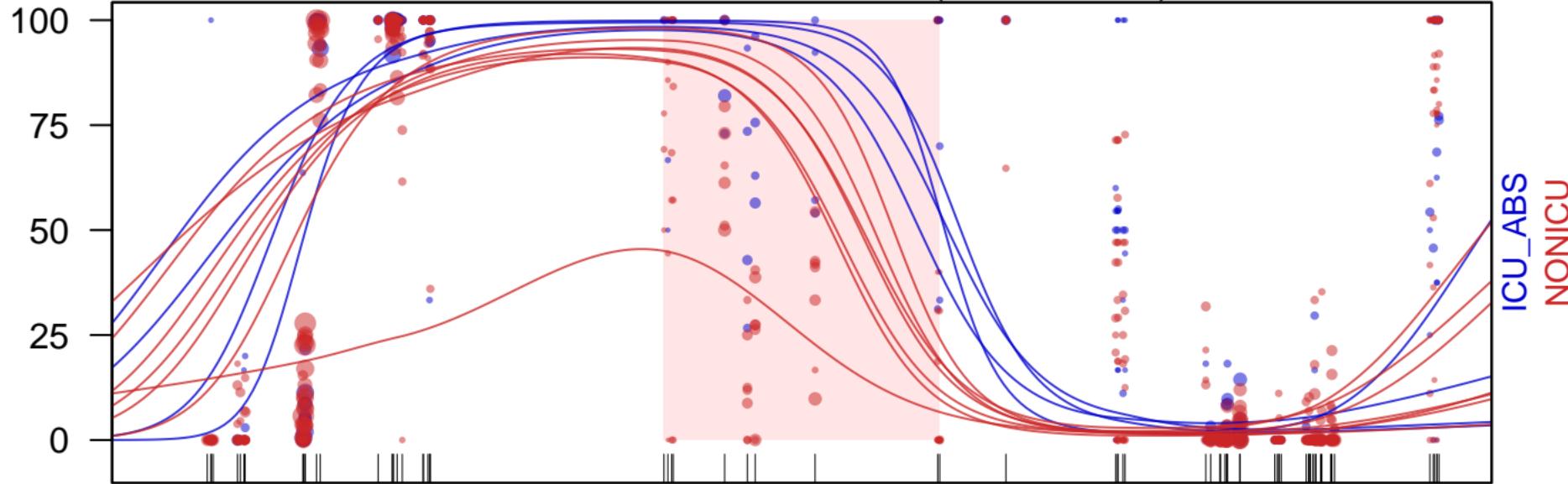
Methylation



Exons

chr7: 99,468,838 – 99,470,597 (width = 1,760)

Methylation



CpGs



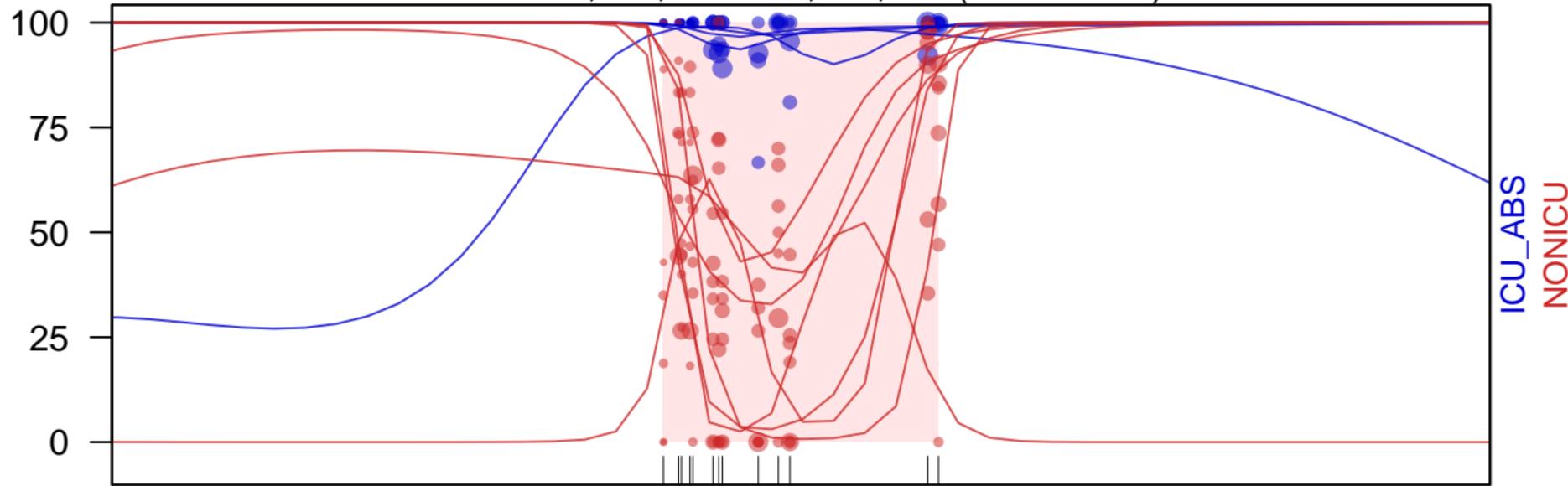
Exons



ATP5MF-PTCD1
ATP5MF

chr17: 19,239,271 – 19,239,654 (width = 384)

Methylation

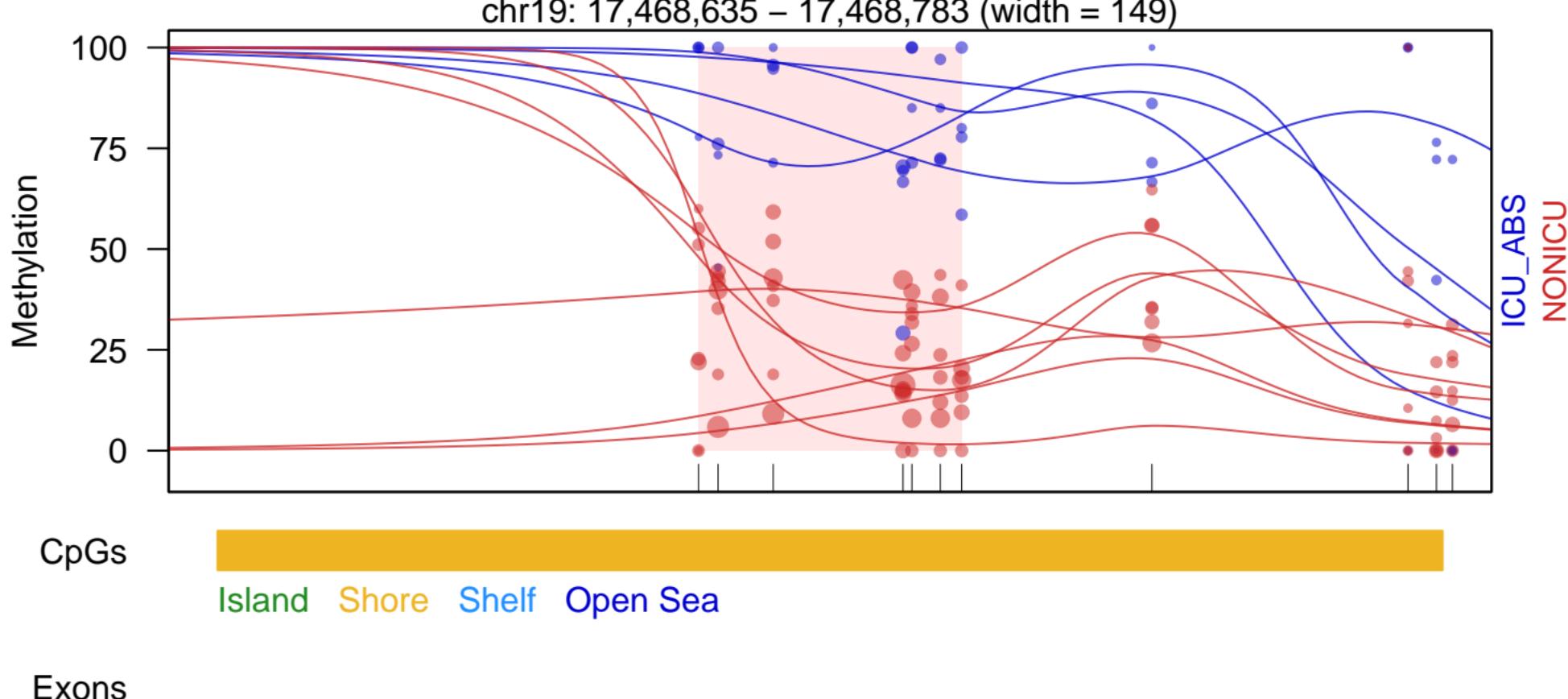


CpGs

Island Shore Shelf Open Sea

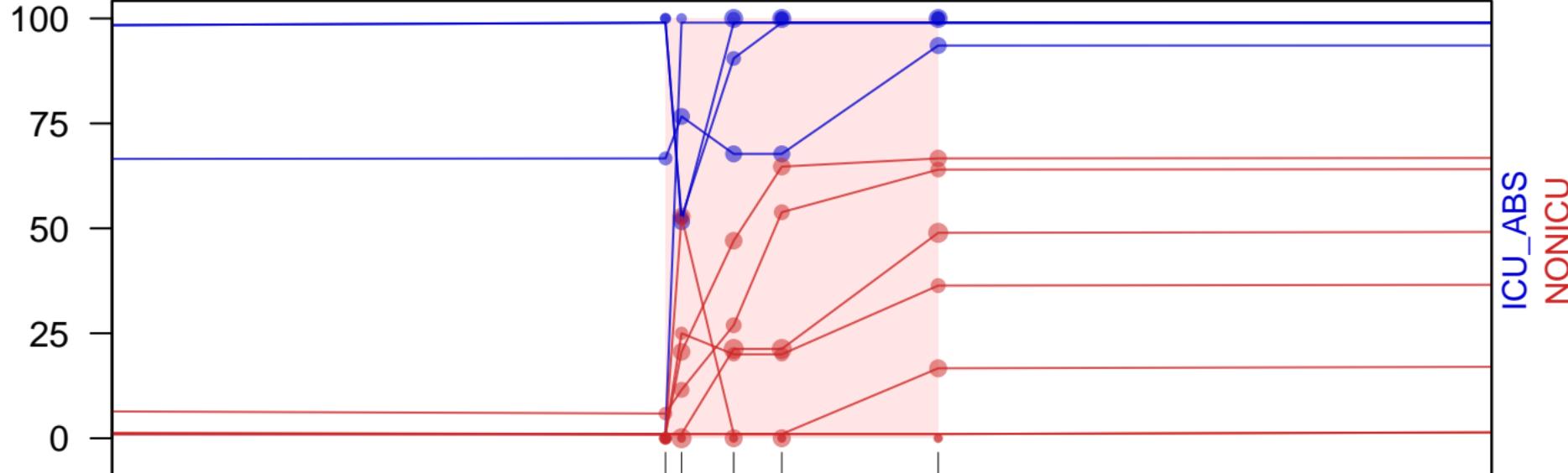
Exons

chr19: 17,468,635 – 17,468,783 (width = 149)



chr12: 105,523,310 – 105,523,378 (width = 69)

Methylation



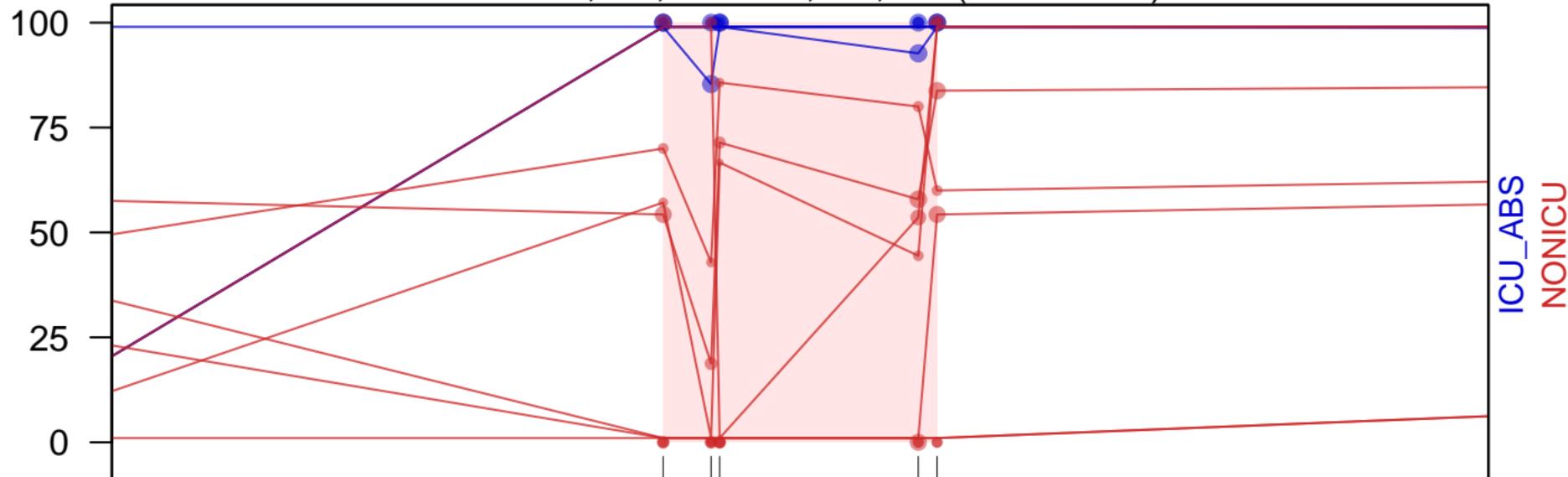
CpGs

Island Shore Shelf Open Sea

Exons

chr12: 51,324,687 – 51,324,847 (width = 161)

Methylation



CpGs



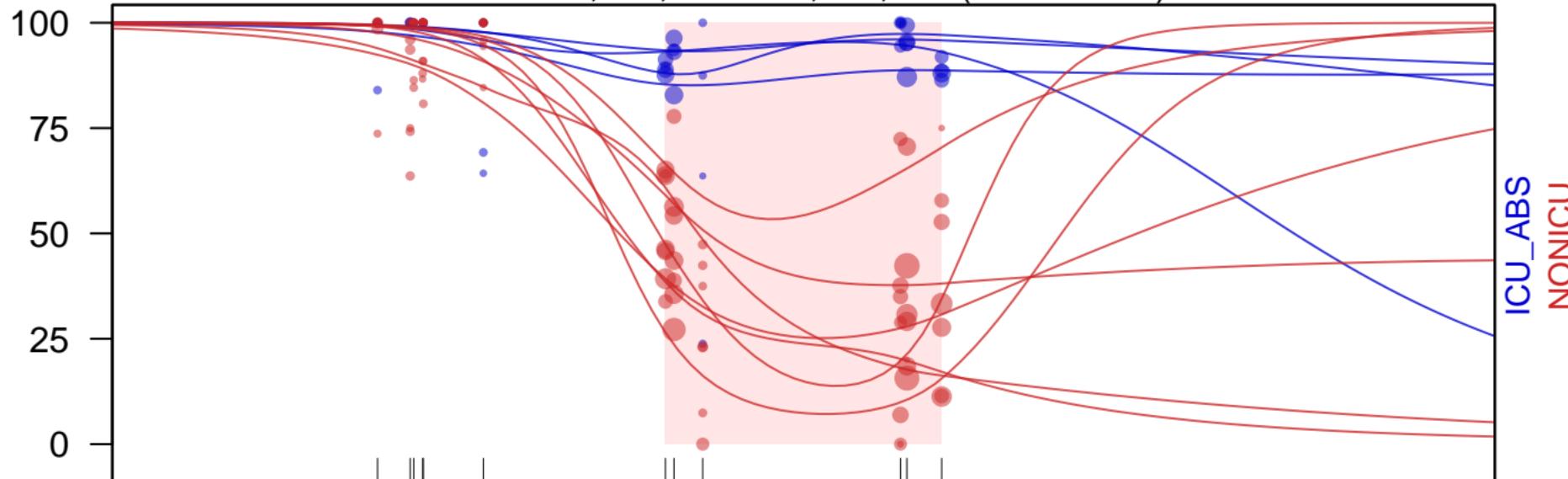
Island Shore Shelf Open Sea

Exons

BIN2

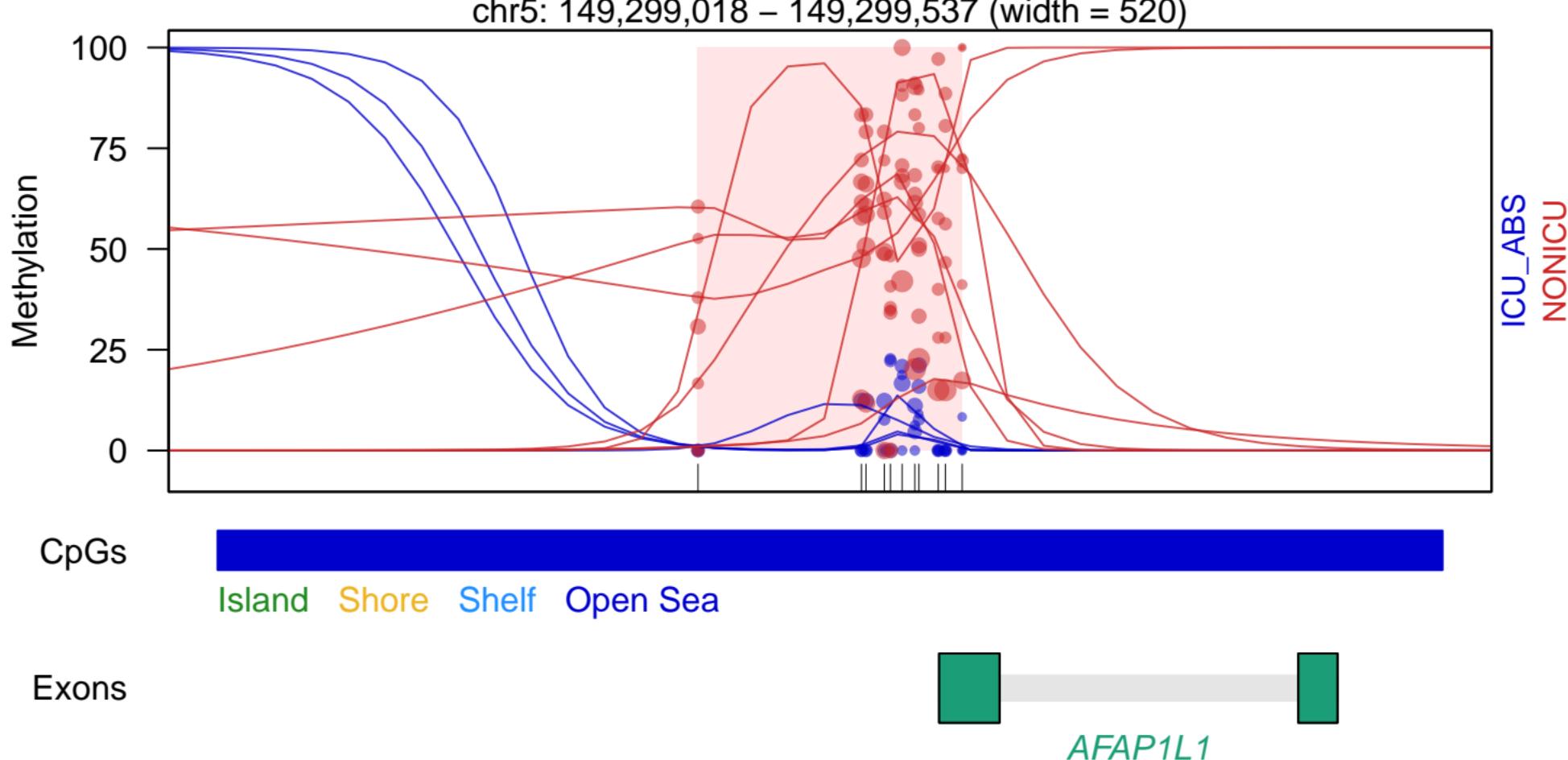
chr16: 11,627,768 – 11,628,546 (width = 779)

Methylation



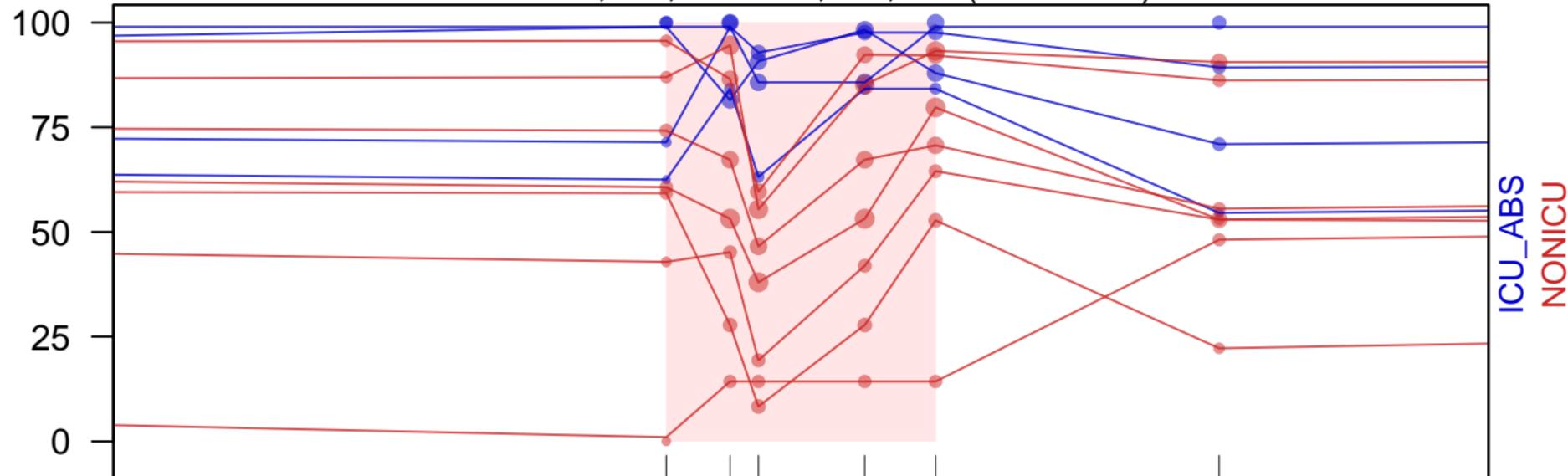
Exons

chr5: 149,299,018 – 149,299,537 (width = 520)



chr11: 17,591,520 – 17,591,558 (width = 39)

Methylation



CpGs

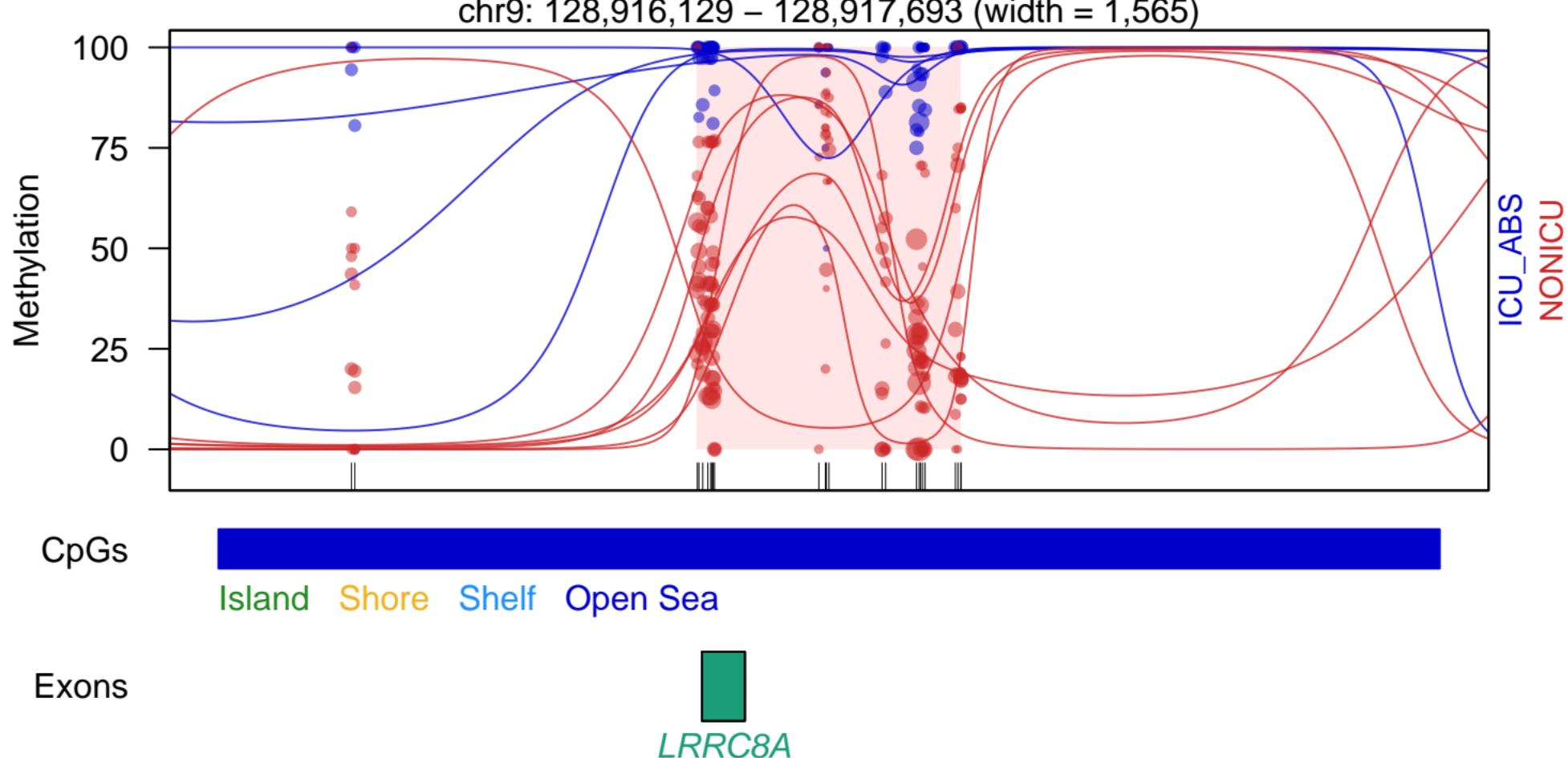
Island Shore Shelf Open Sea

Exons

OTOG

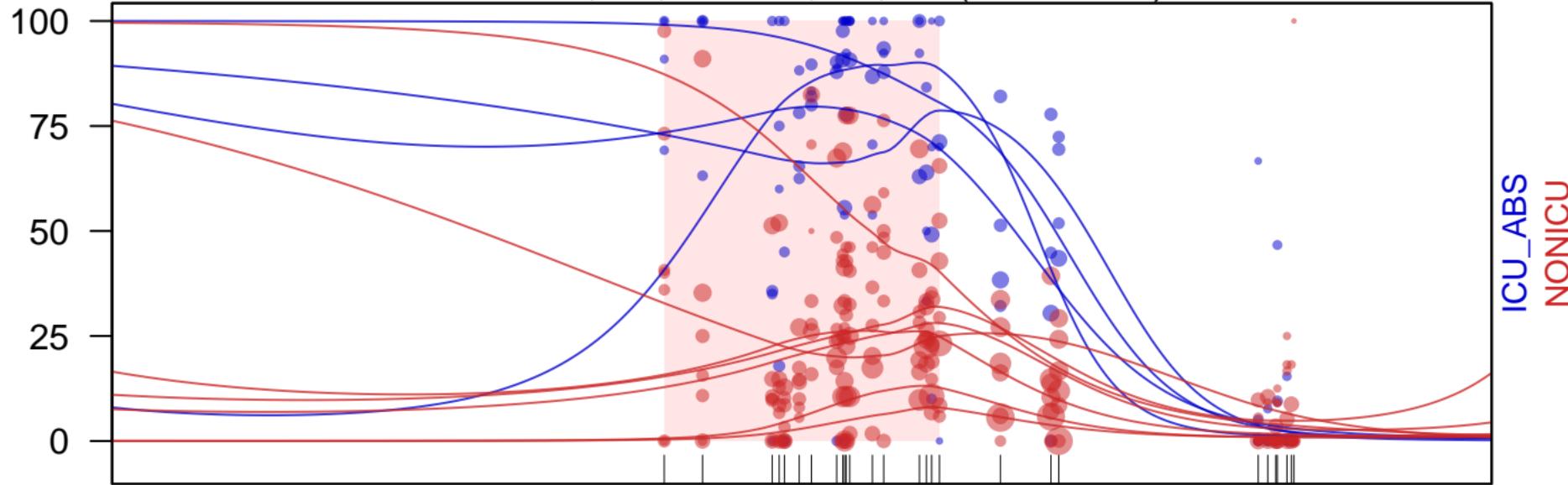
ICU_ABS
NONICU

chr9: 128,916,129 – 128,917,693 (width = 1,565)



chr16: 57,283,612 – 57,283,928 (width = 317)

Methylation



CpGs



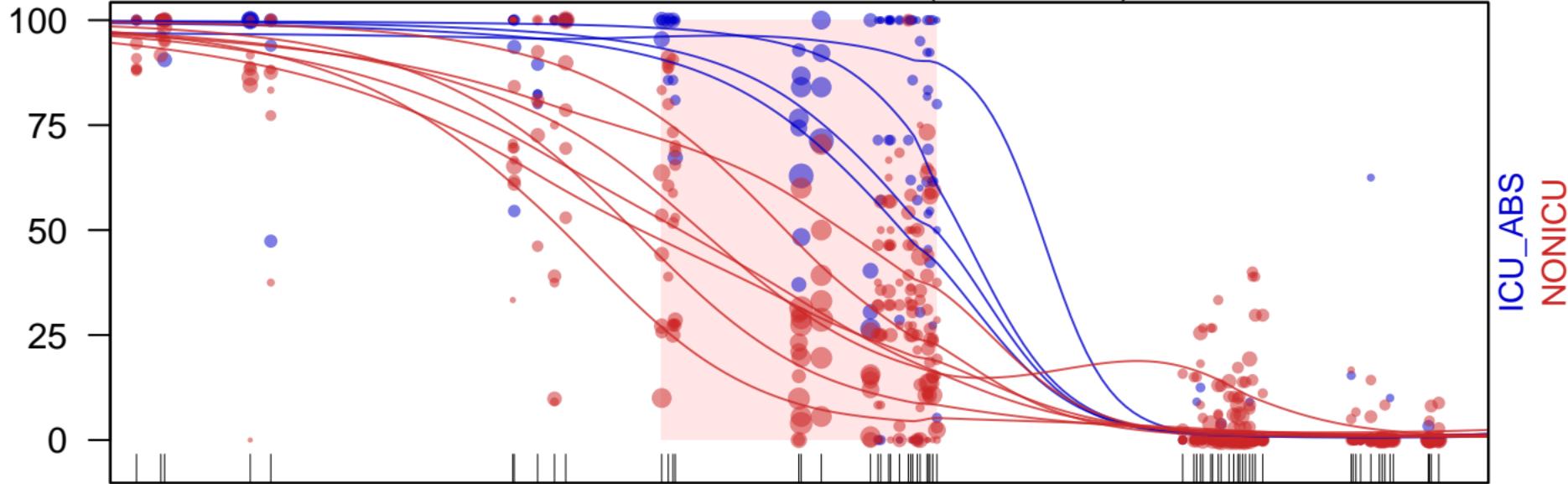
Exons



PLLP

chr4: 1,577,878 – 1,578,466 (width = 589)

Methylation



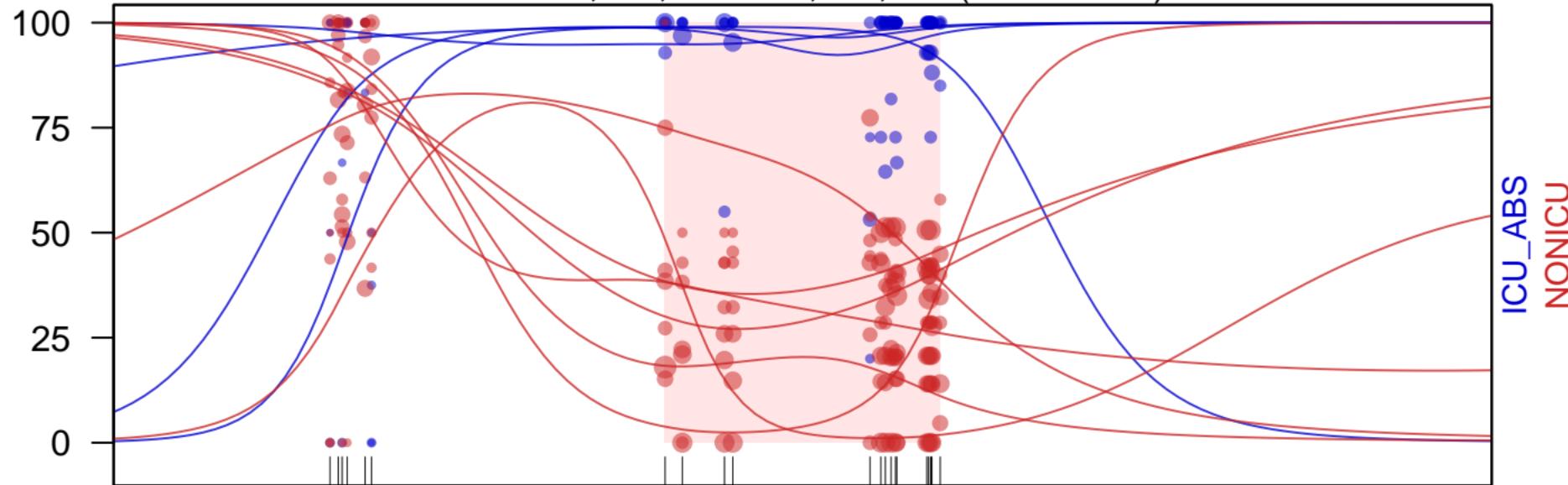
CpGs

Island Shore Shelf Open Sea

Exons

chr17: 18,246,833 – 18,247,264 (width = 432)

Methylation



CpGs

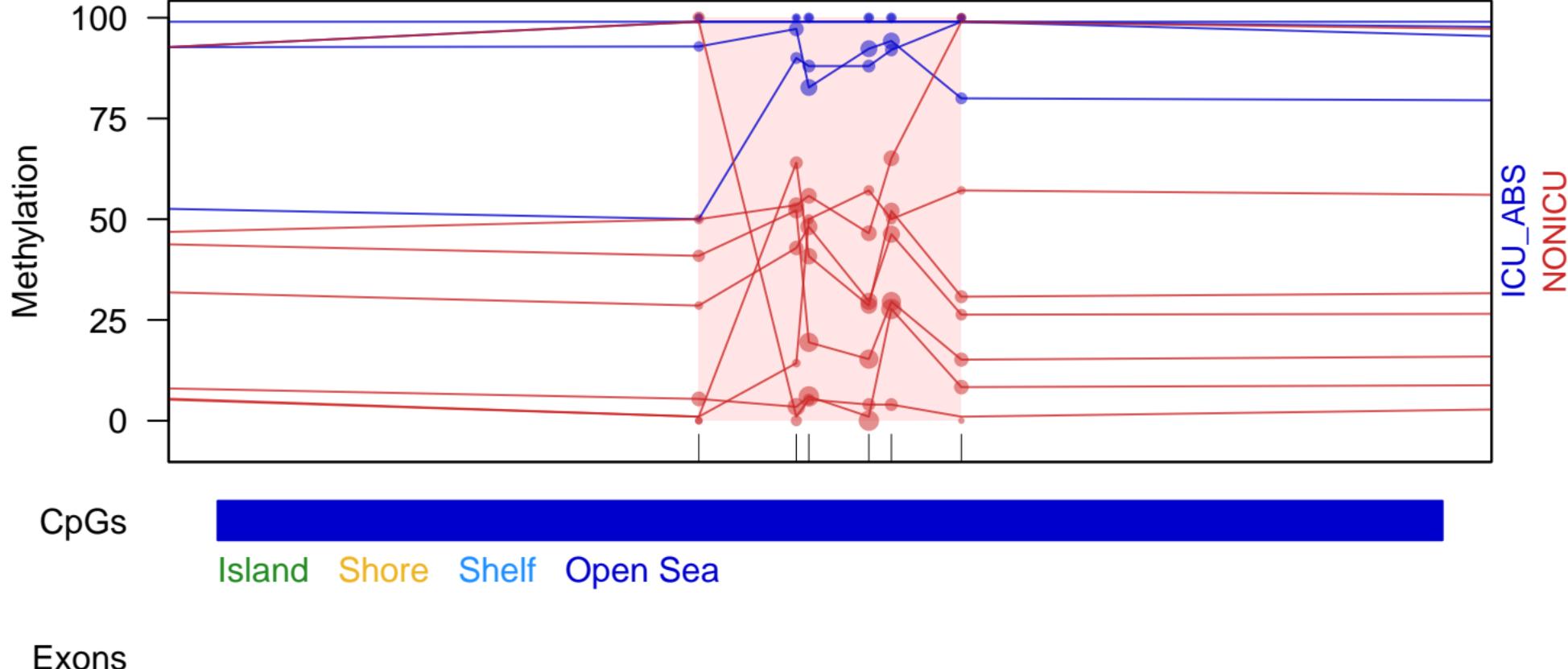
Island Shore Shelf Open Sea

Exons

FLII

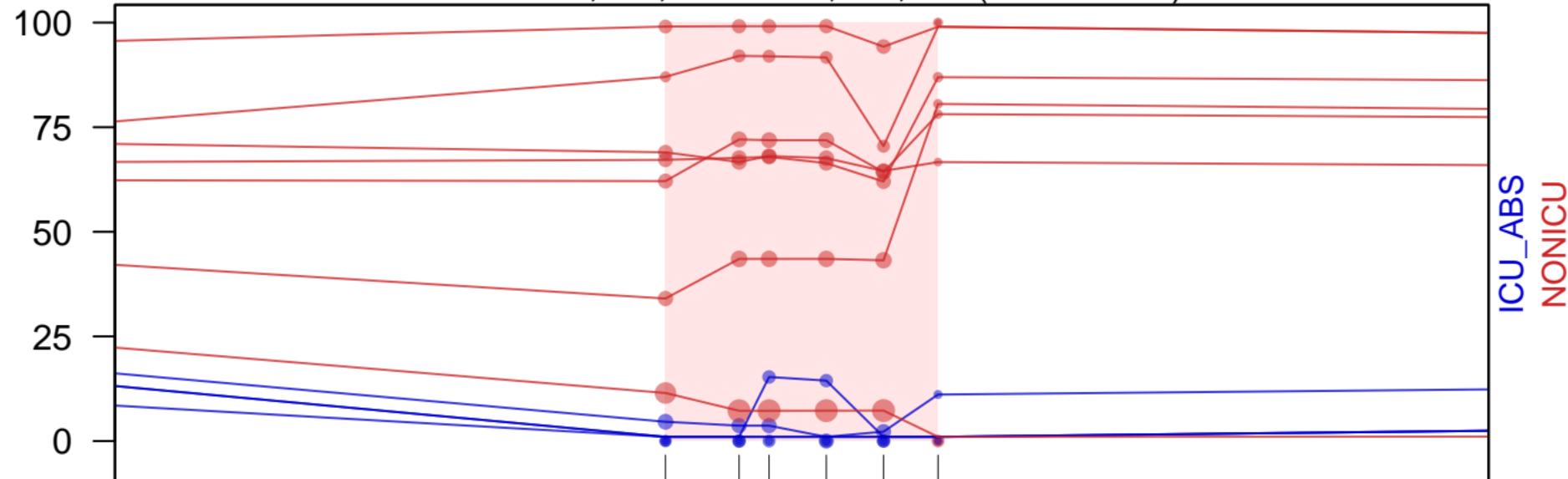
ICU_ABS
NONICU

chr19: 30,570,307 – 30,570,412 (width = 106)



chr15: 101,175,555 – 101,175,655 (width = 101)

Methylation



CpGs

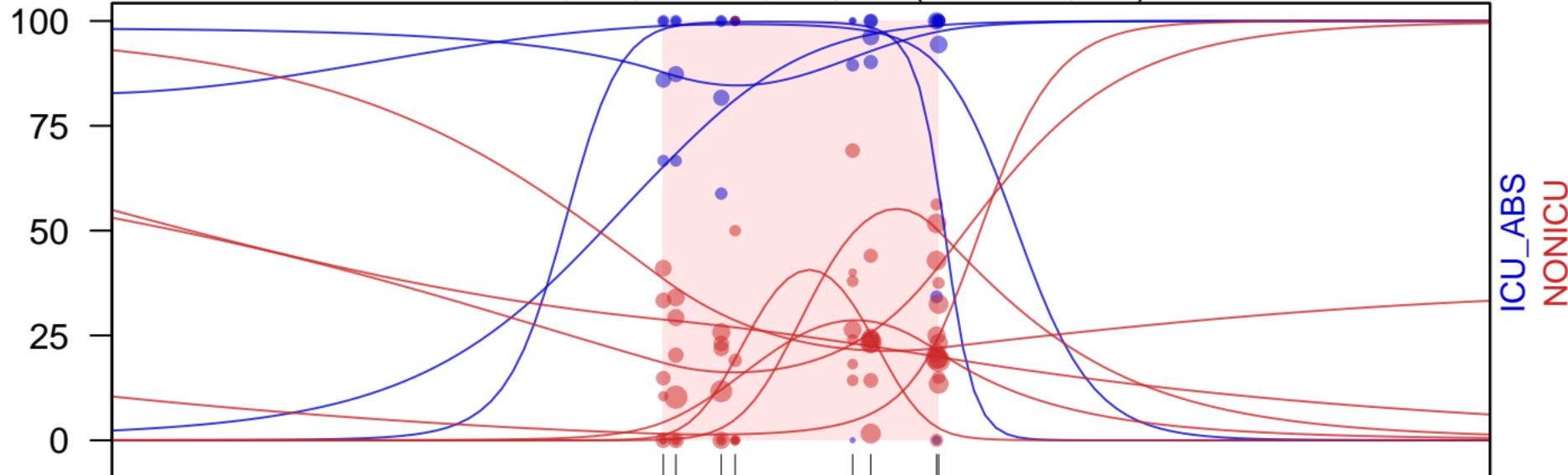
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr7: 5,995,332 – 5,996,382 (width = 1,051)

Methylation



CpGs

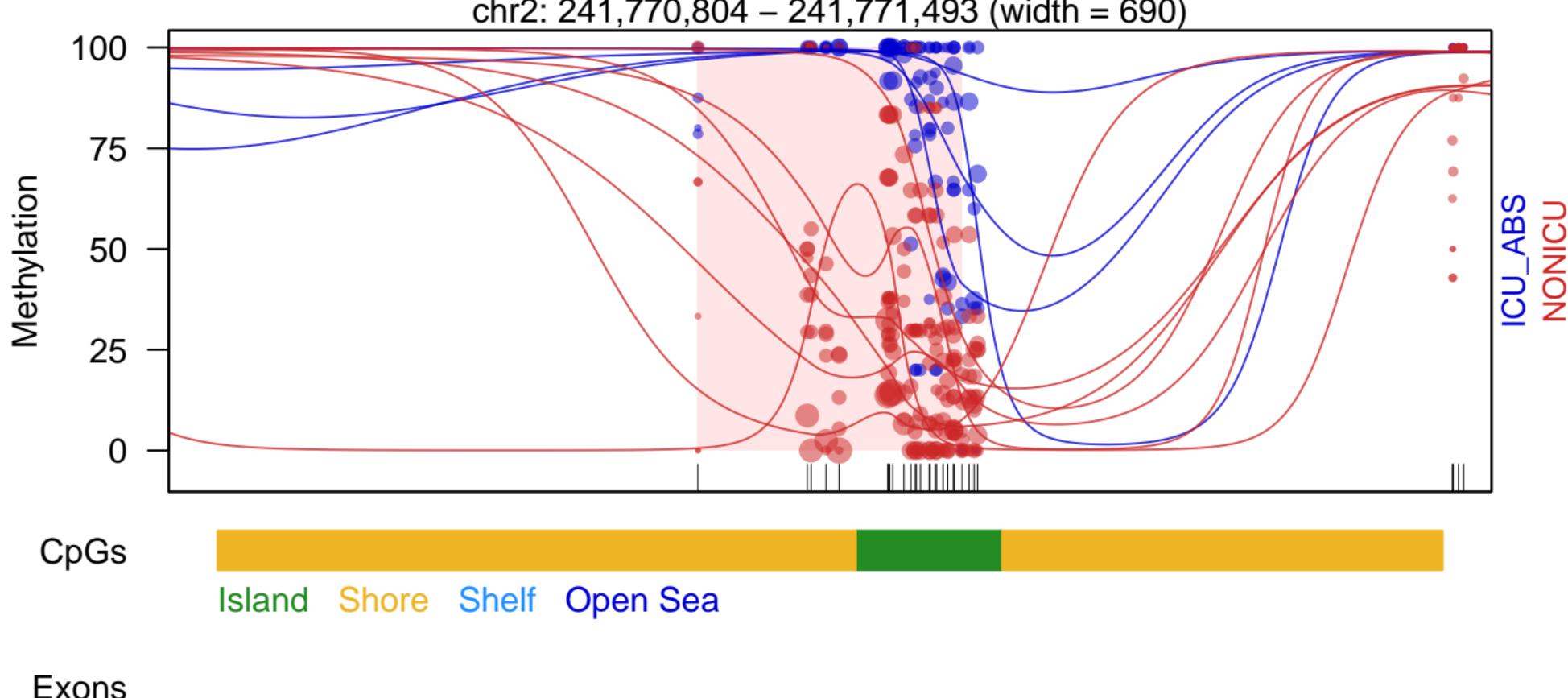
Island Shore Shelf Open Sea

Exons



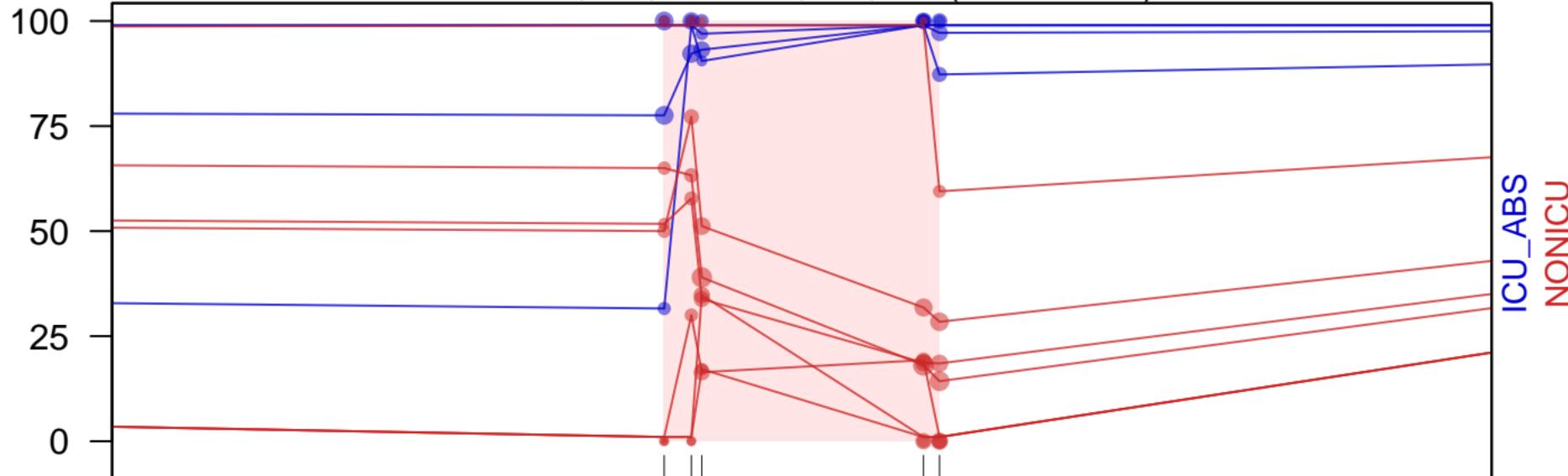
PMS2

chr2: 241,770,804 – 241,771,493 (width = 690)



chr1: 14,707,568 – 14,707,963 (width = 396)

Methylation

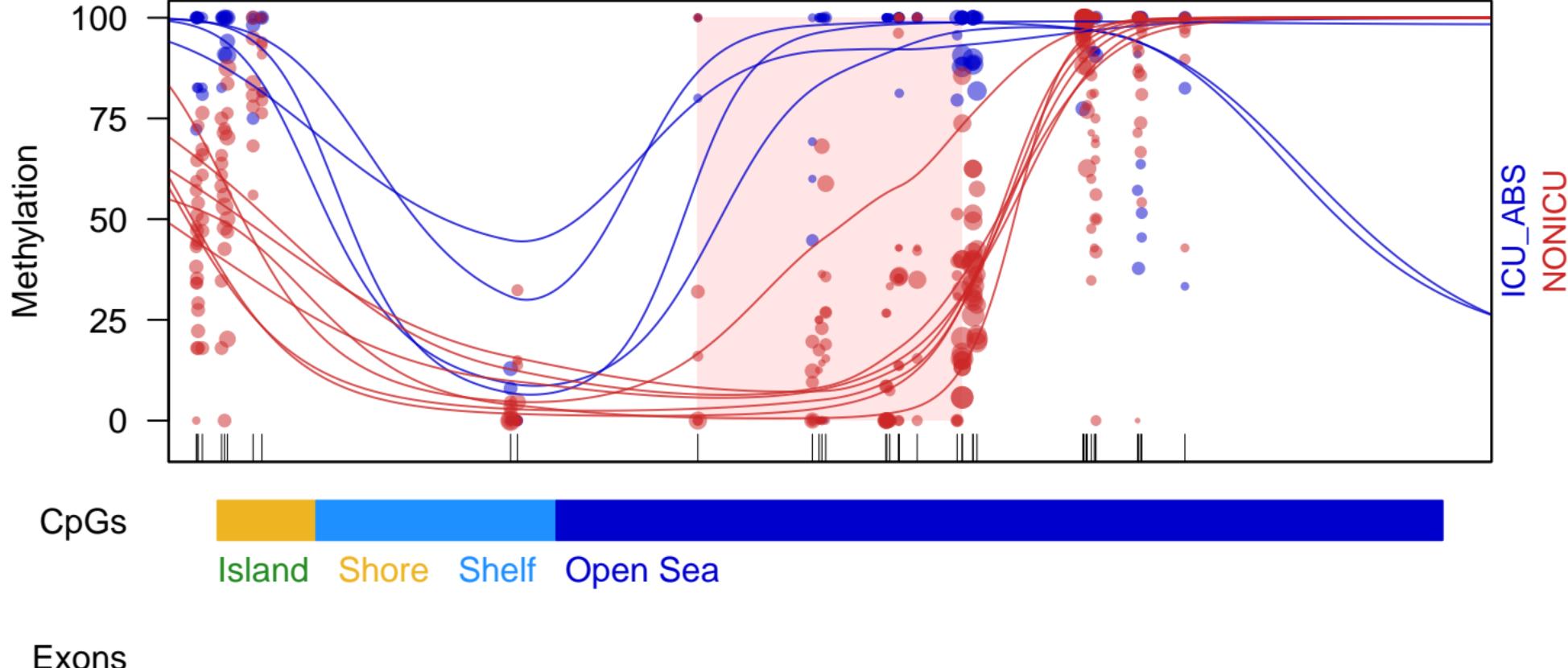


CpGs

Island Shore Shelf Open Sea

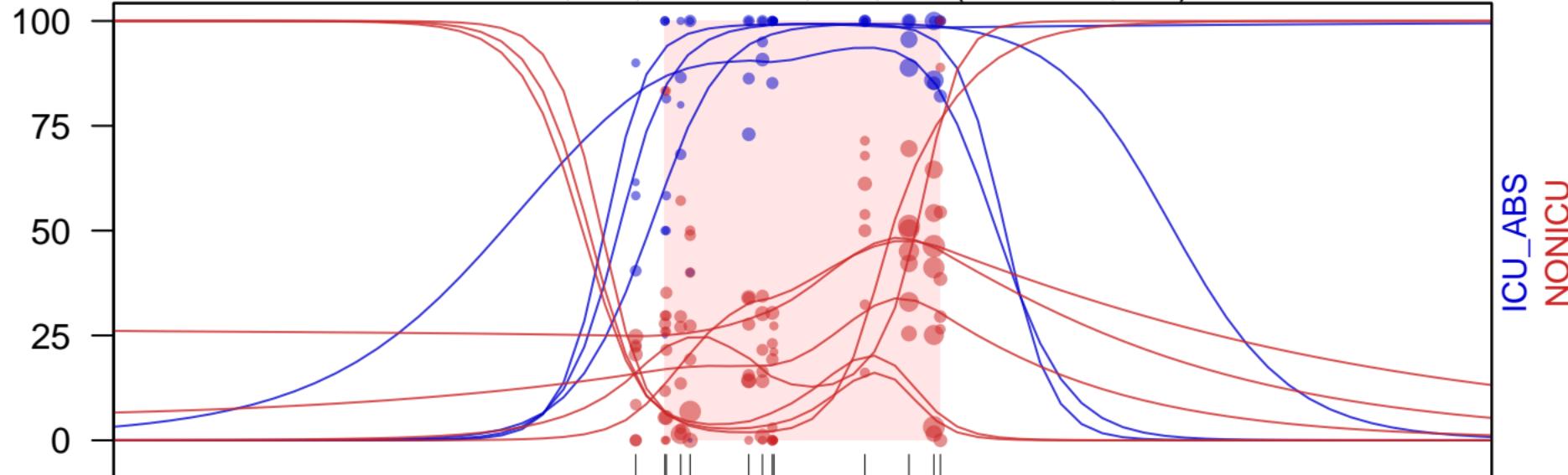
Exons

chr17: 77,287,349 – 77,289,388 (width = 2,040)



chr1: 212,981,234 – 212,982,460 (width = 1,227)

Methylation



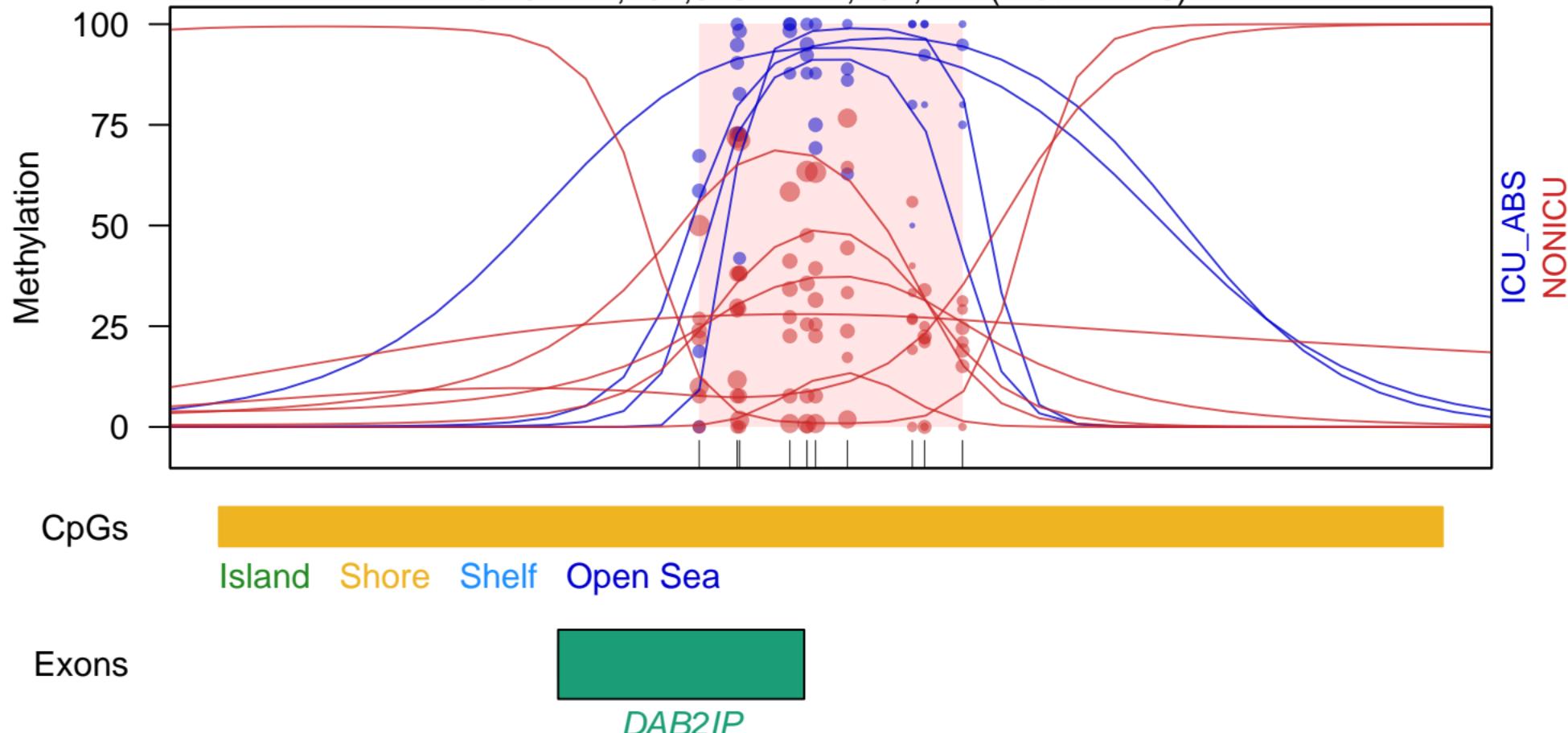
CpGs

Island Shore Shelf Open Sea

Exons

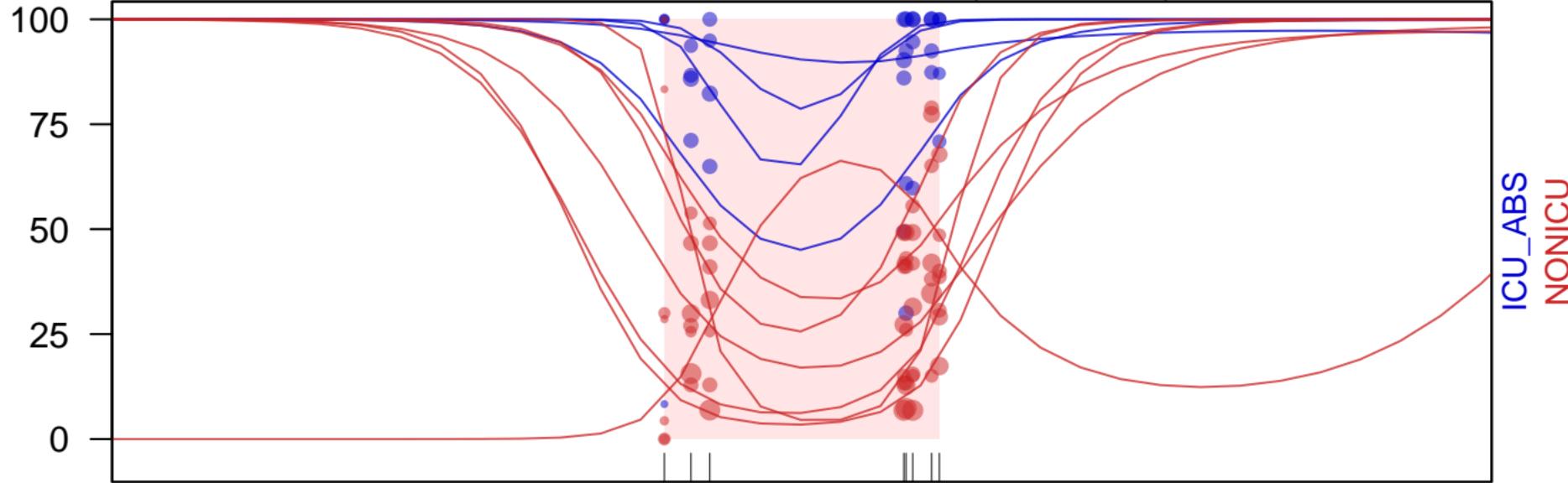
ICU_ABS
NONICU

chr9: 121,701,029 – 121,701,244 (width = 216)



chr9: 109,532,800 – 109,533,048 (width = 249)

Methylation



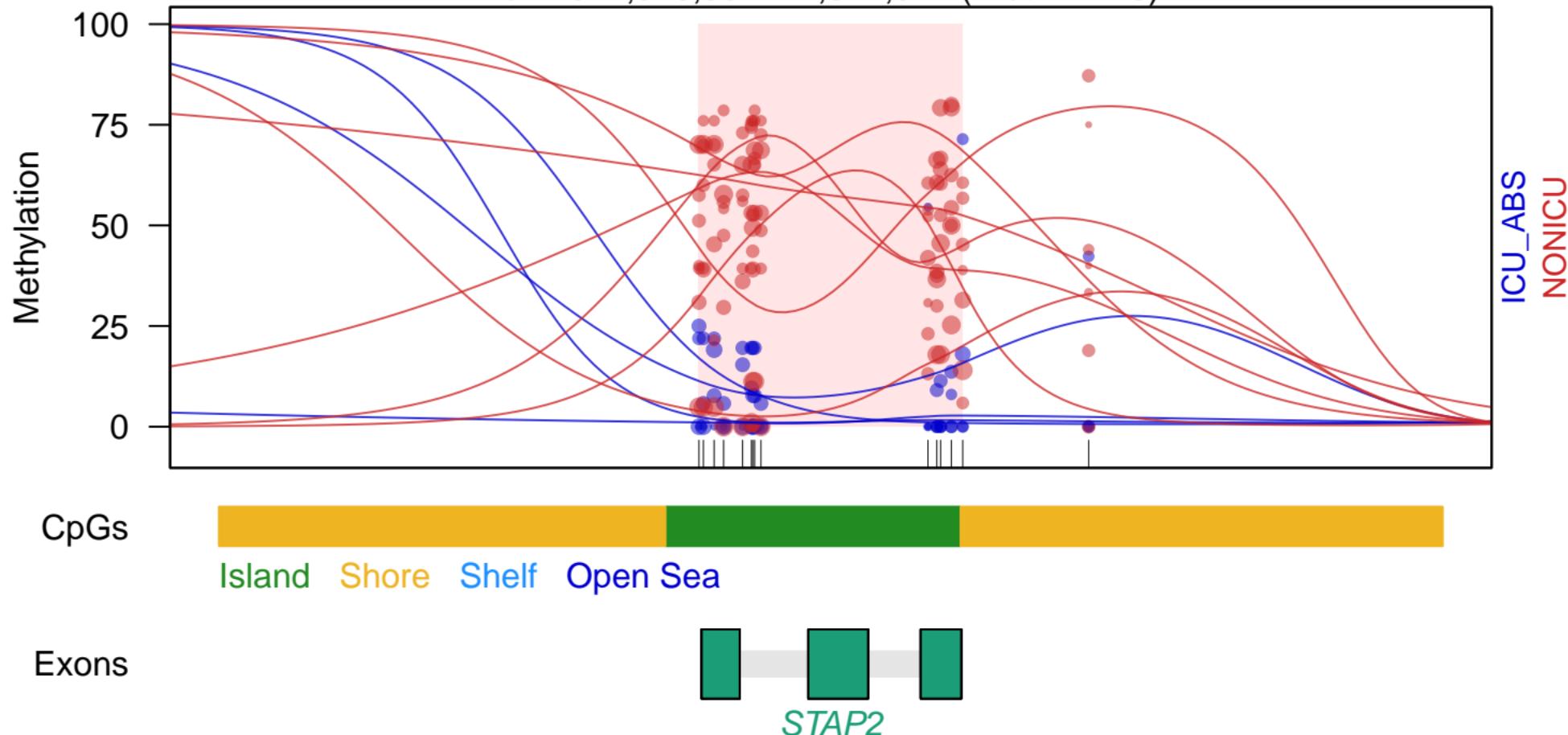
CpGs

Island Shore Shelf Open Sea

Exons

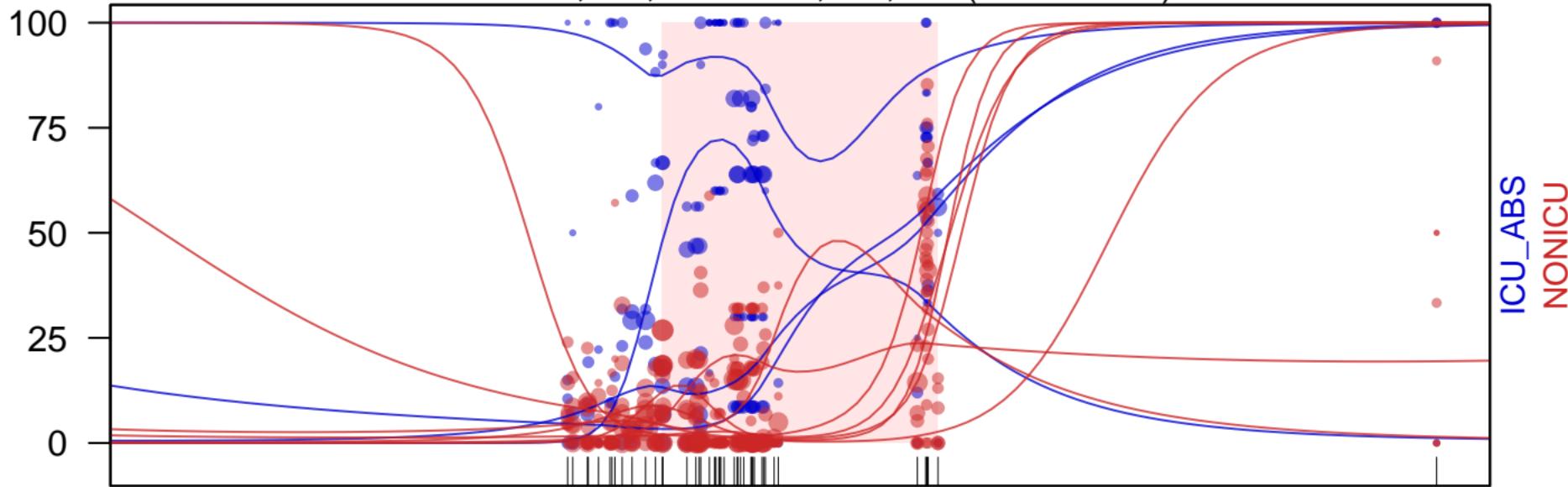
ICU_ABS
NONICU

chr19: 4,326,954 – 4,327,371 (width = 418)



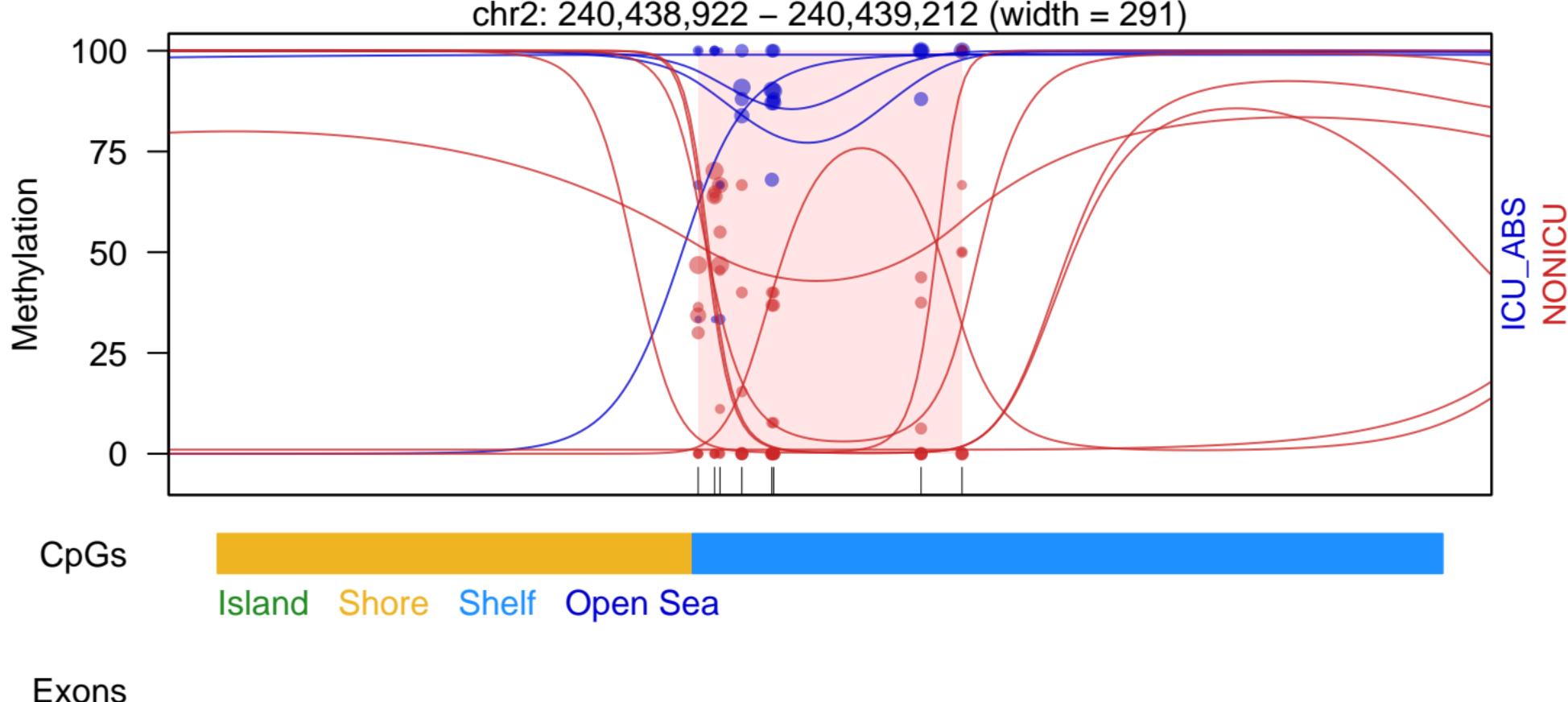
chr1: 180,953,668 – 180,954,588 (width = 921)

Methylation

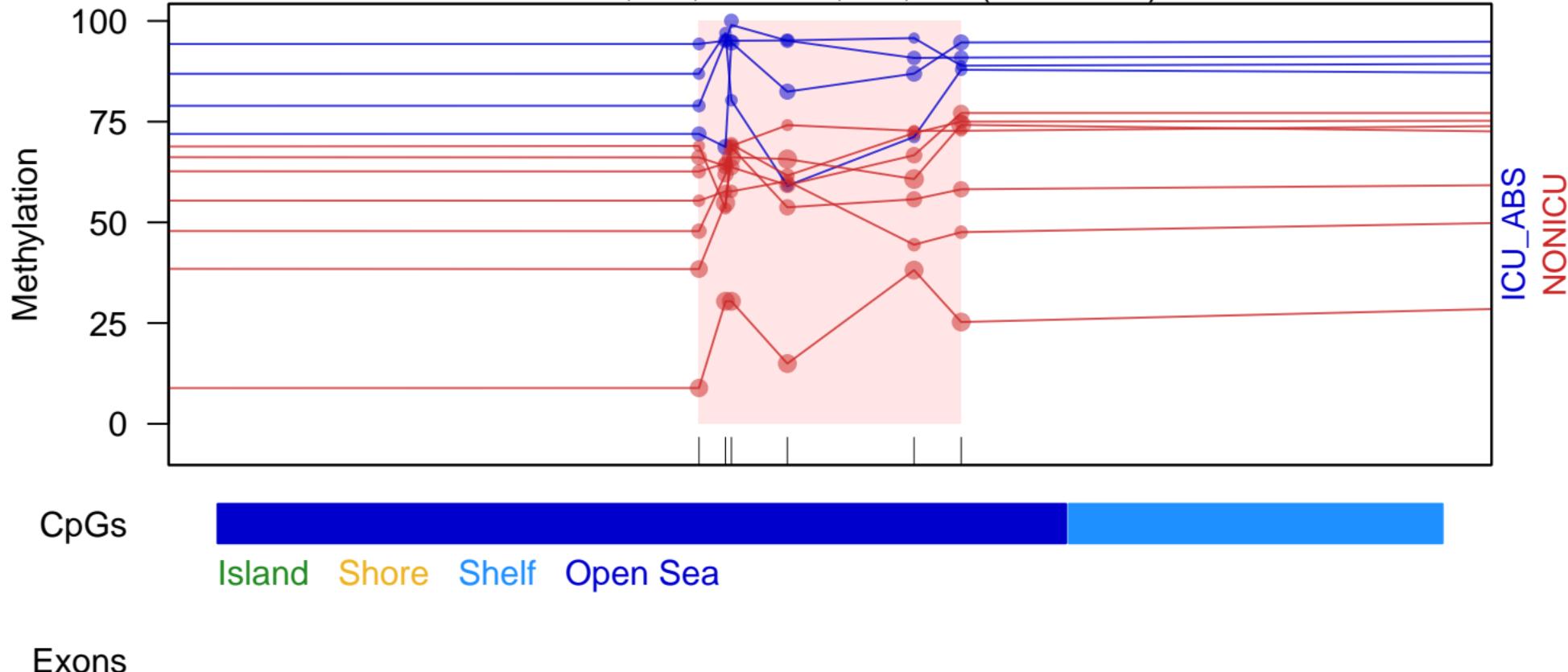


Exons

chr2: 240,438,922 – 240,439,212 (width = 291)

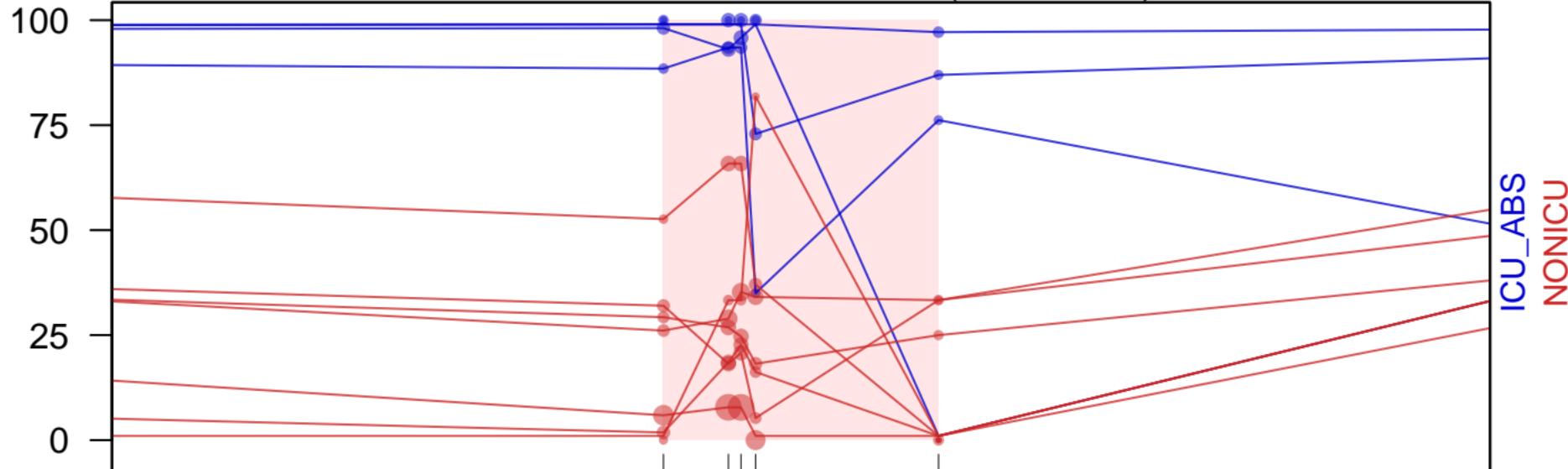


chr4: 24,795,355 – 24,795,444 (width = 90)



chr2: 96,927,582 – 96,927,997 (width = 416)

Methylation



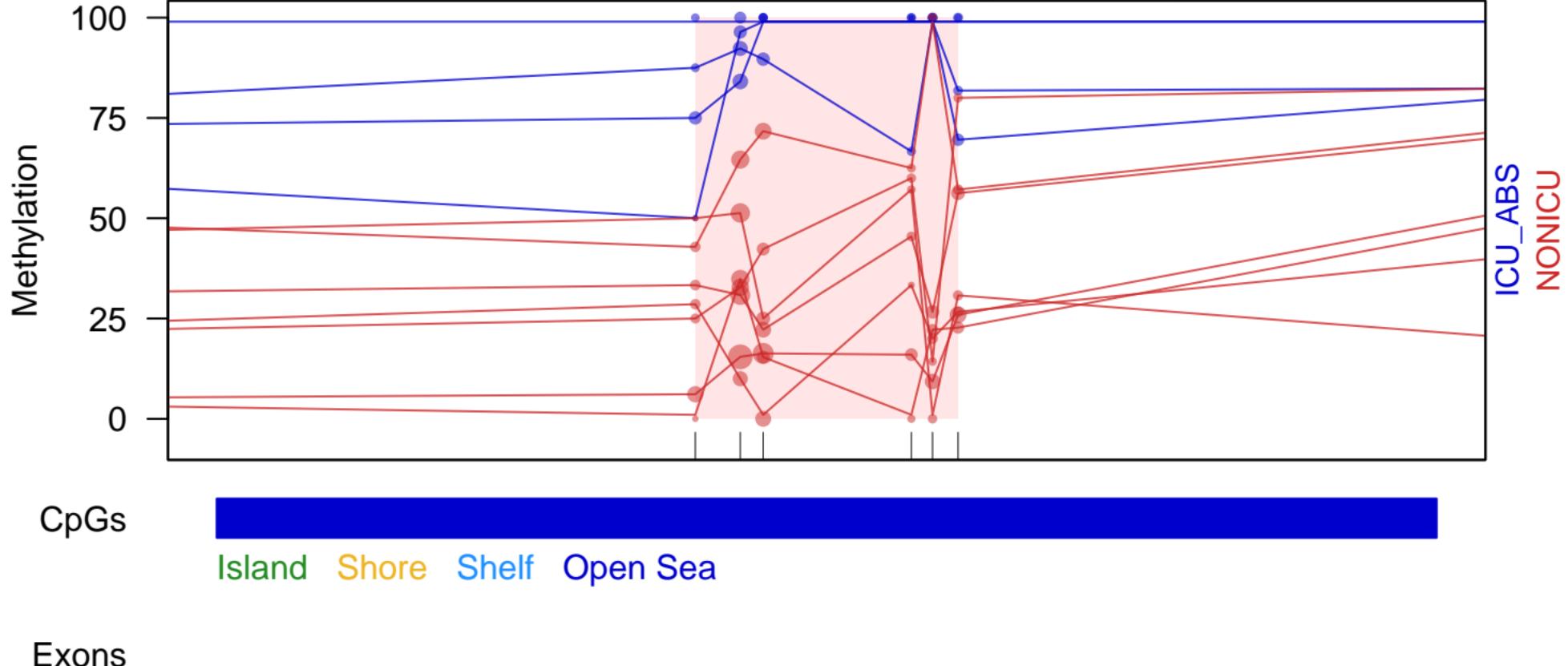
CpGs

Island Shore Shelf Open Sea

Exons

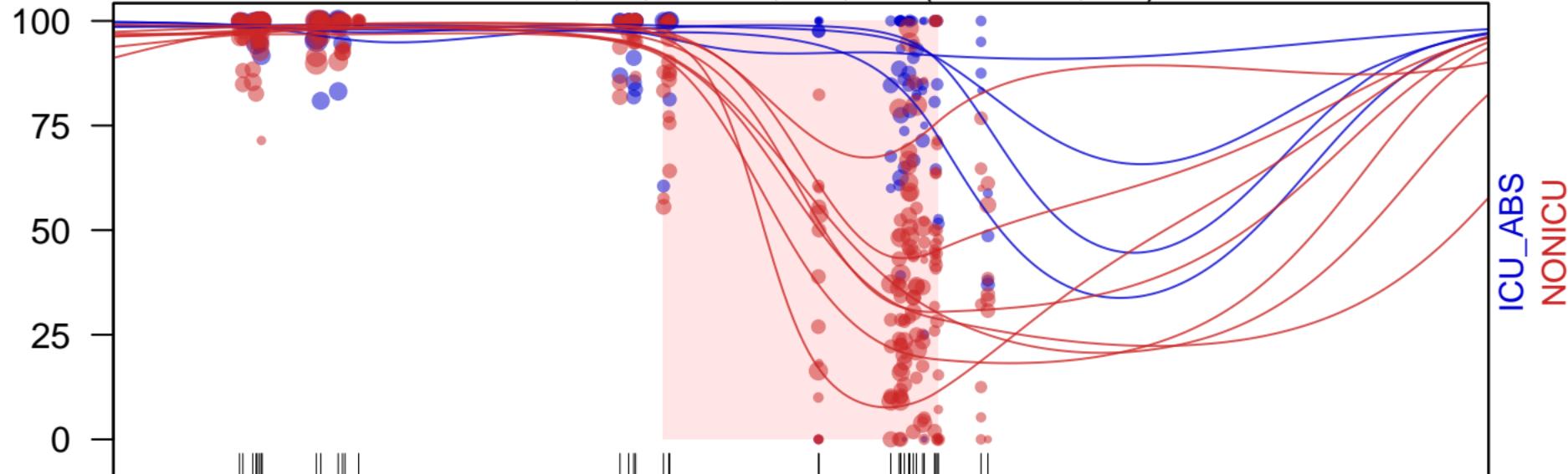
ICU_ABS
NONICU

chr3: 126,999,323 – 126,999,621 (width = 299)



chr16: 2,923,720 – 2,925,520 (width = 1,801)

Methylation



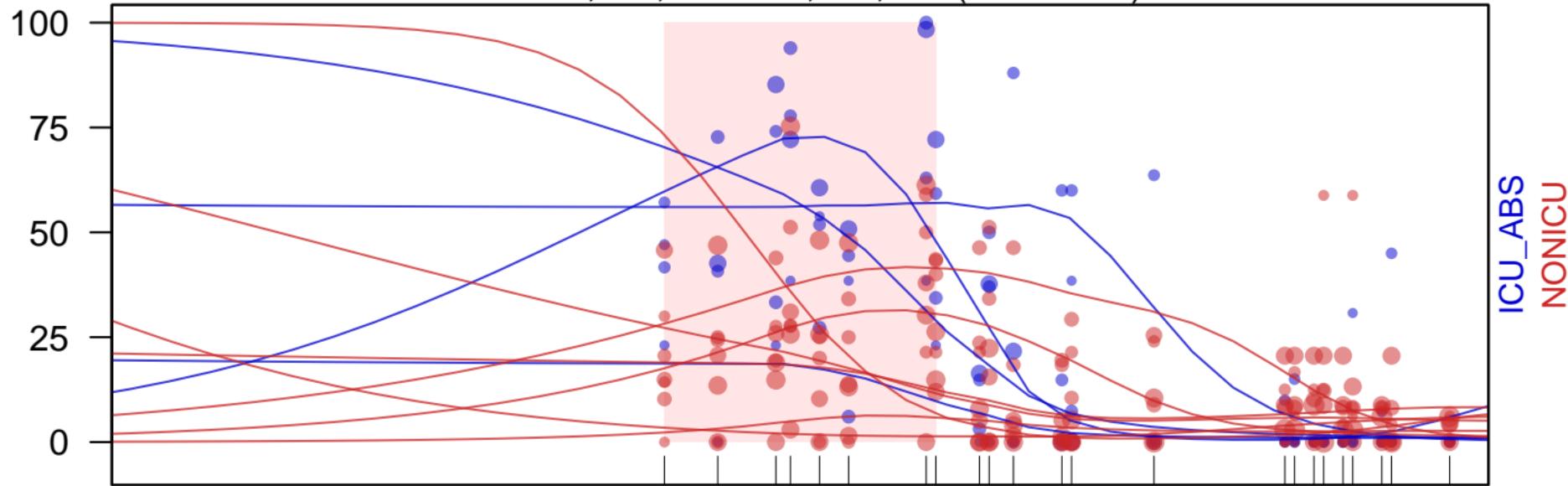
CpGs

Island Shore Shelf Open Sea

Exons

chr1: 23,902,660 – 23,902,716 (width = 57)

Methylation

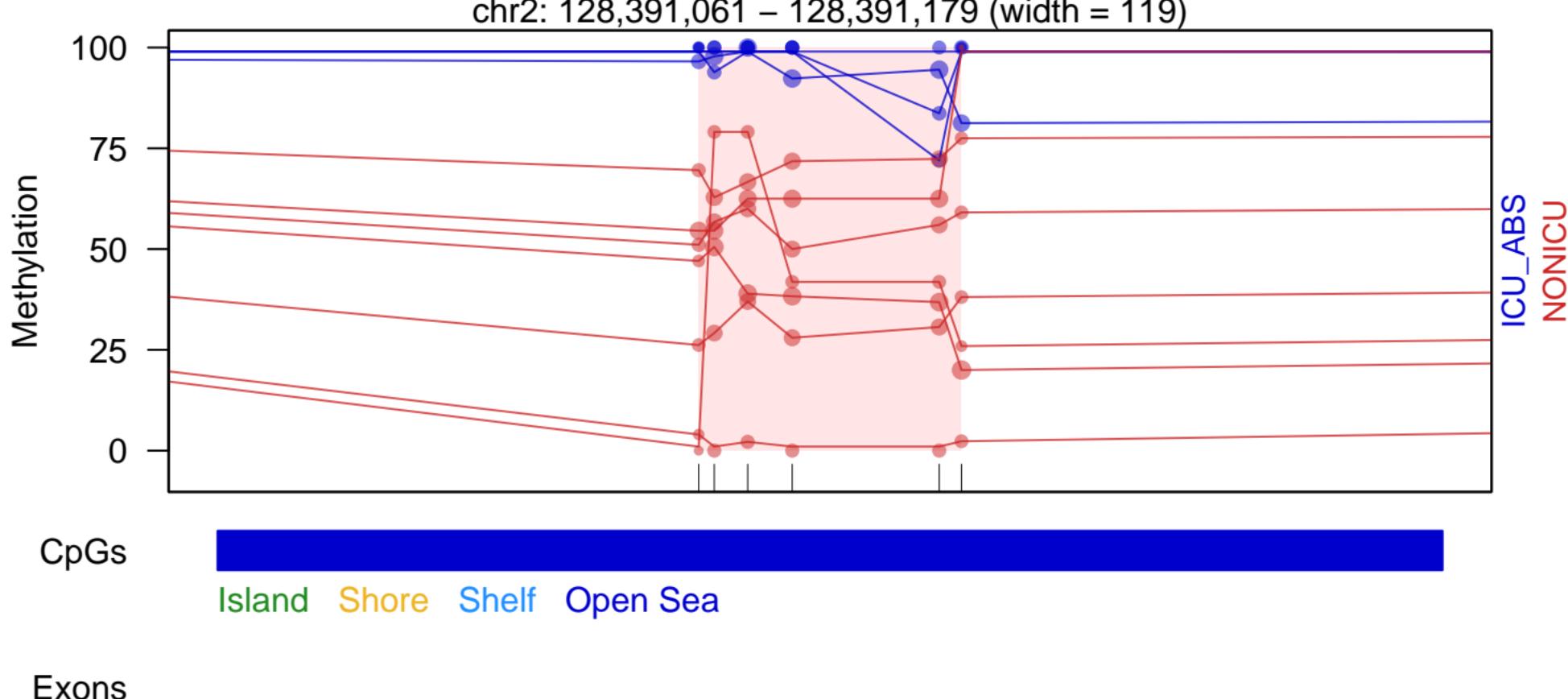


CpGs

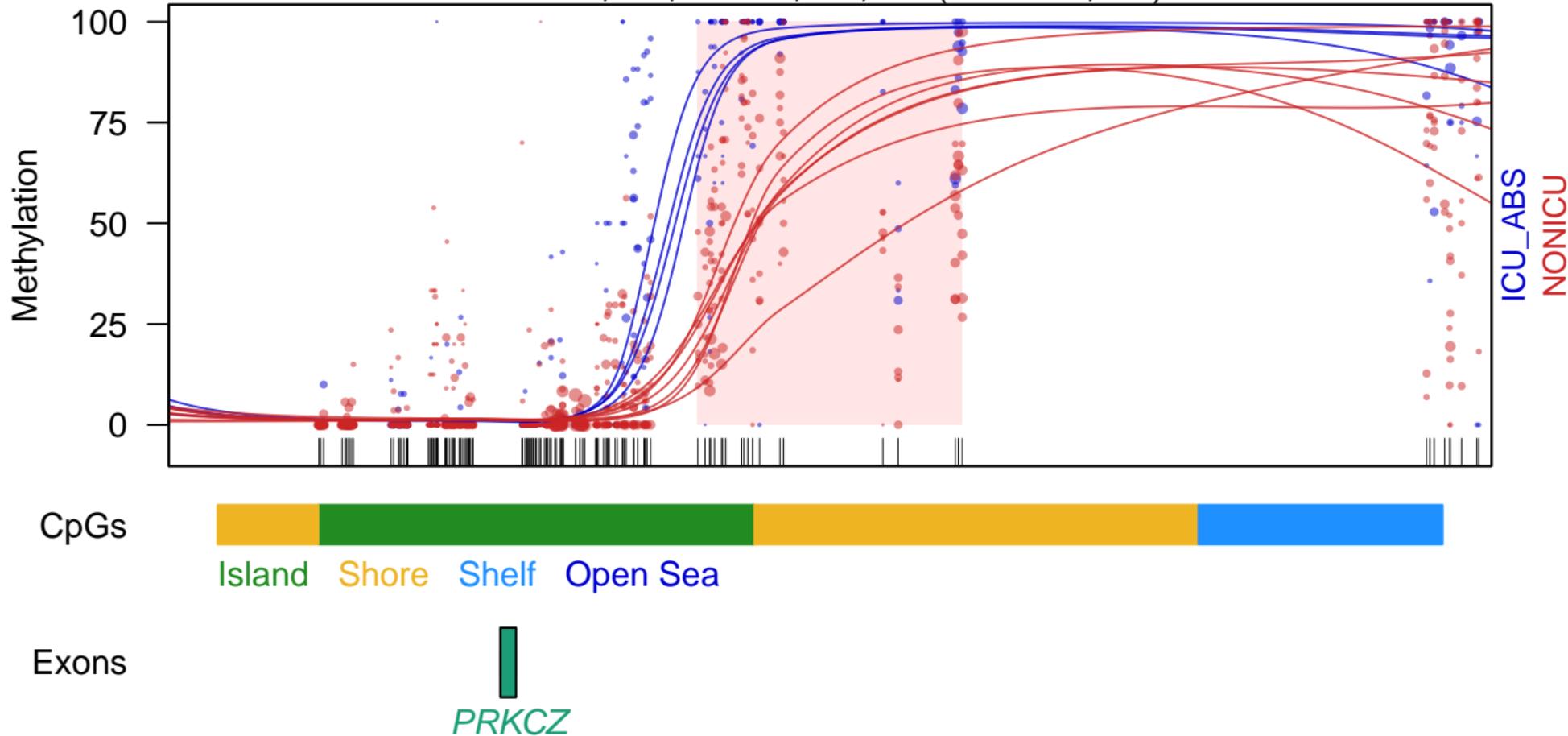


Exons

chr2: 128,391,061 – 128,391,179 (width = 119)

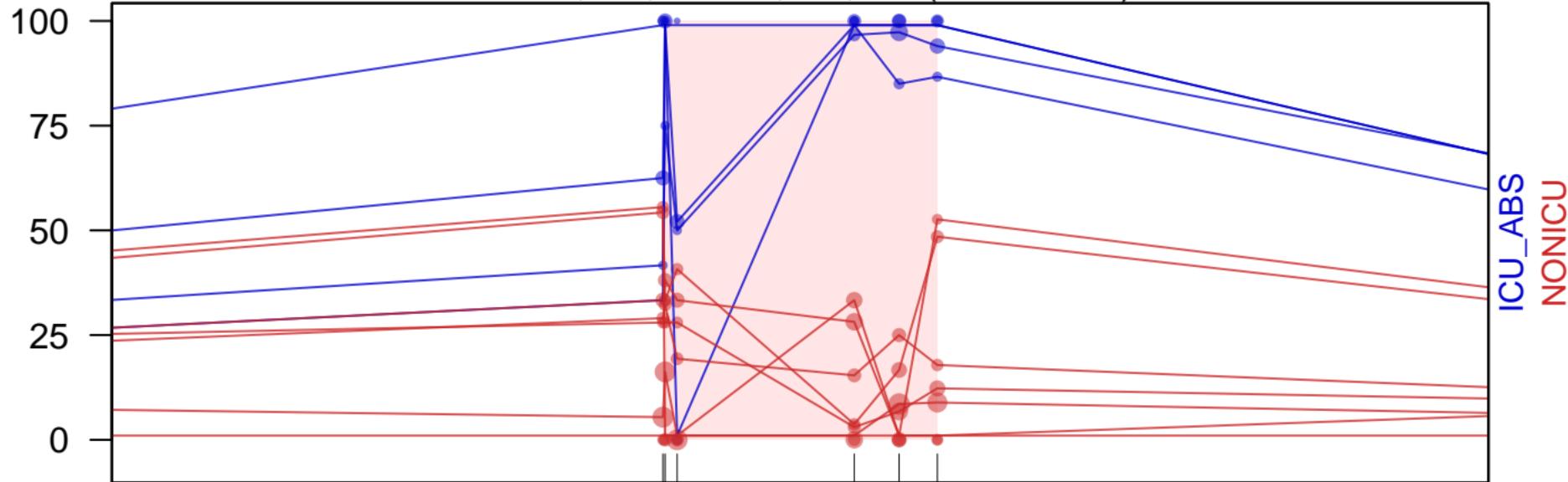


chr1: 2,051,564 – 2,052,666 (width = 1,103)



chr4: 2,796,249 – 2,796,500 (width = 252)

Methylation



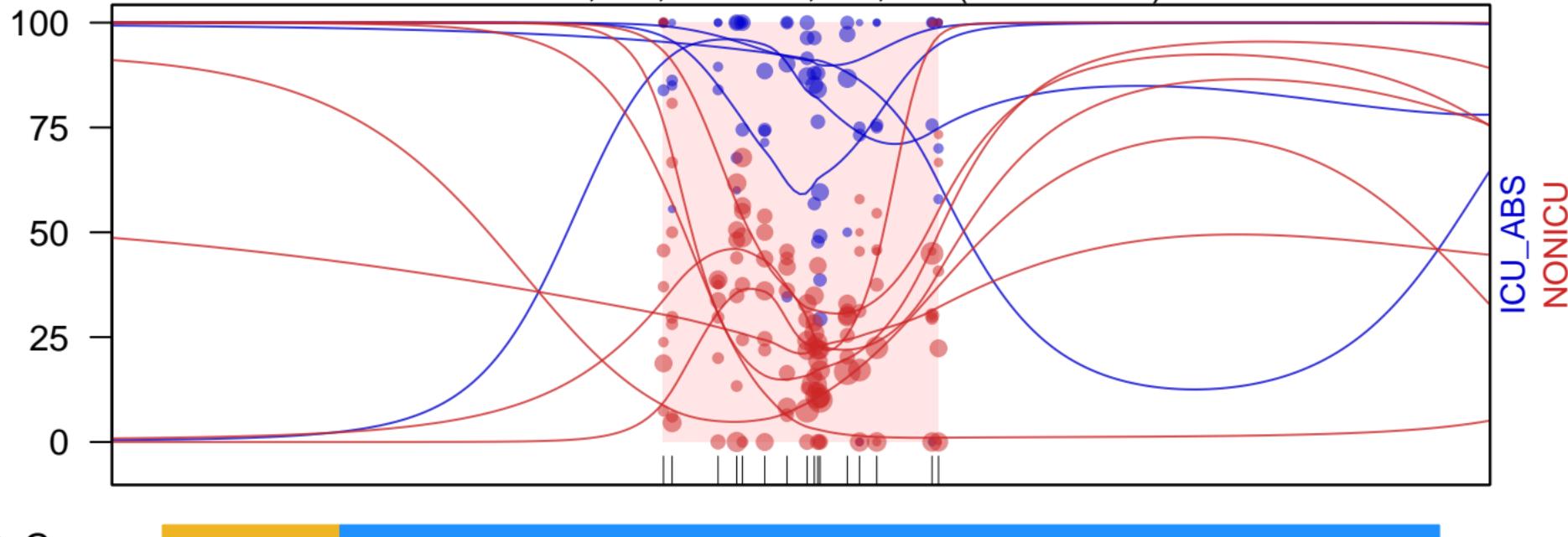
CpGs

Island Shore Shelf Open Sea

Exons

chr17: 62,670,020 – 62,670,403 (width = 384)

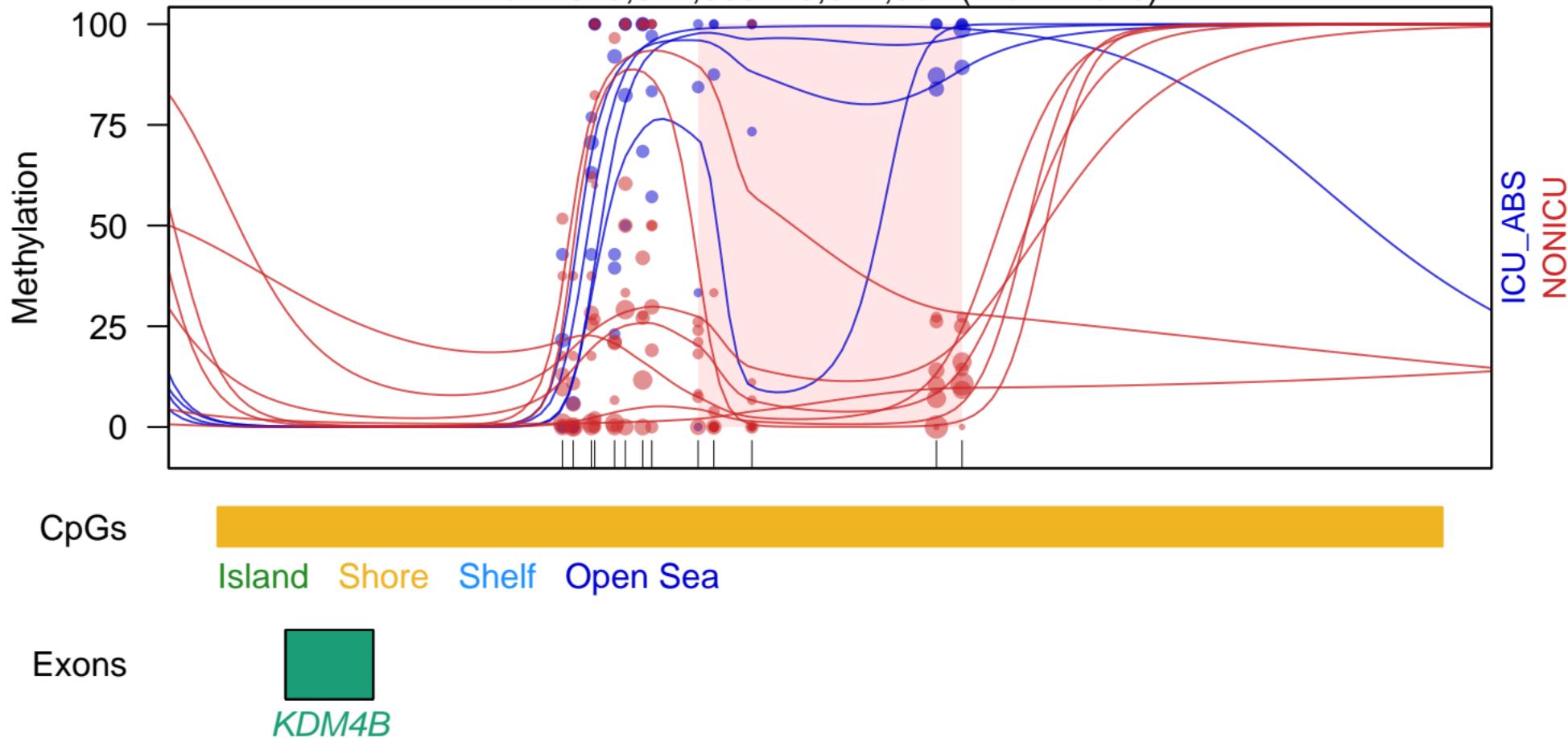
Methylation



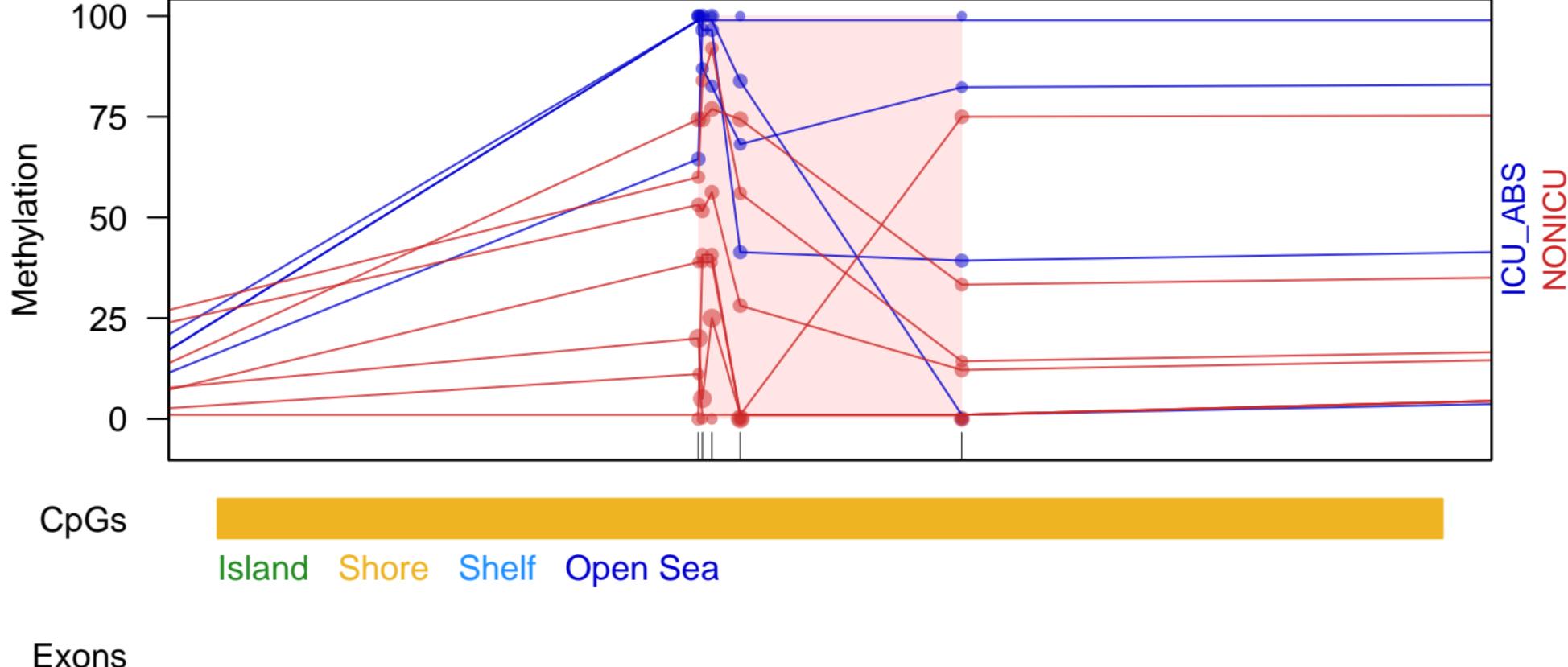
CpGs
Exons

Island Shore Shelf Open Sea

chr19: 5,041,688 – 5,042,007 (width = 320)

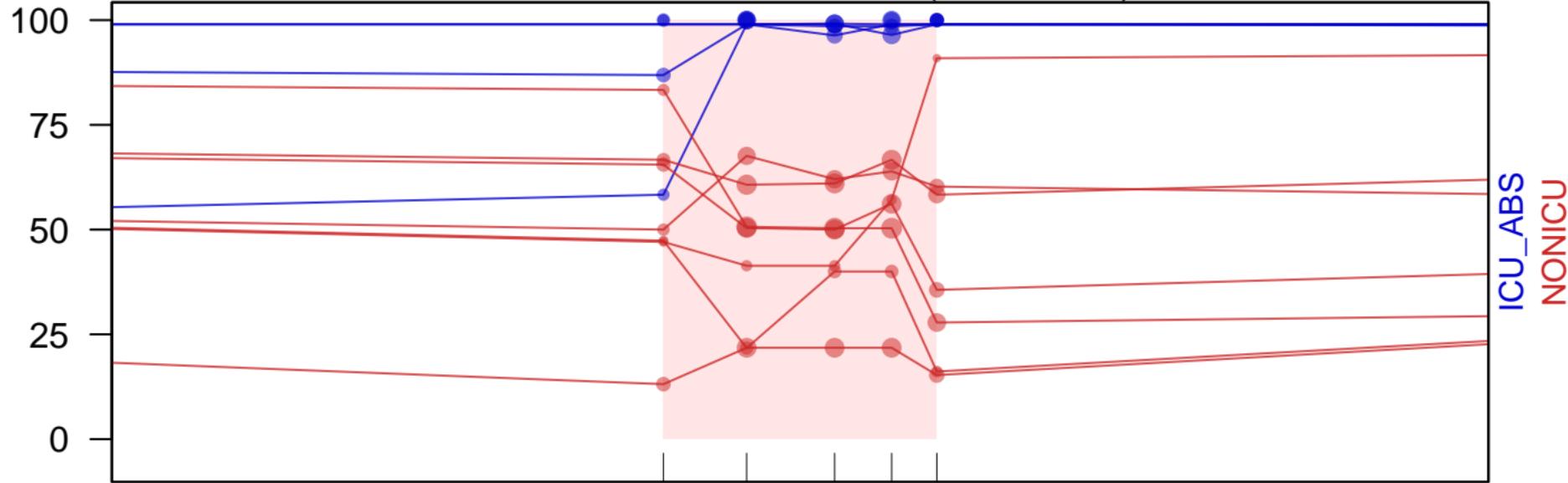


chr20: 49,916,348 – 49,916,543 (width = 196)



chr1: 9,665,414 – 9,665,529 (width = 116)

Methylation



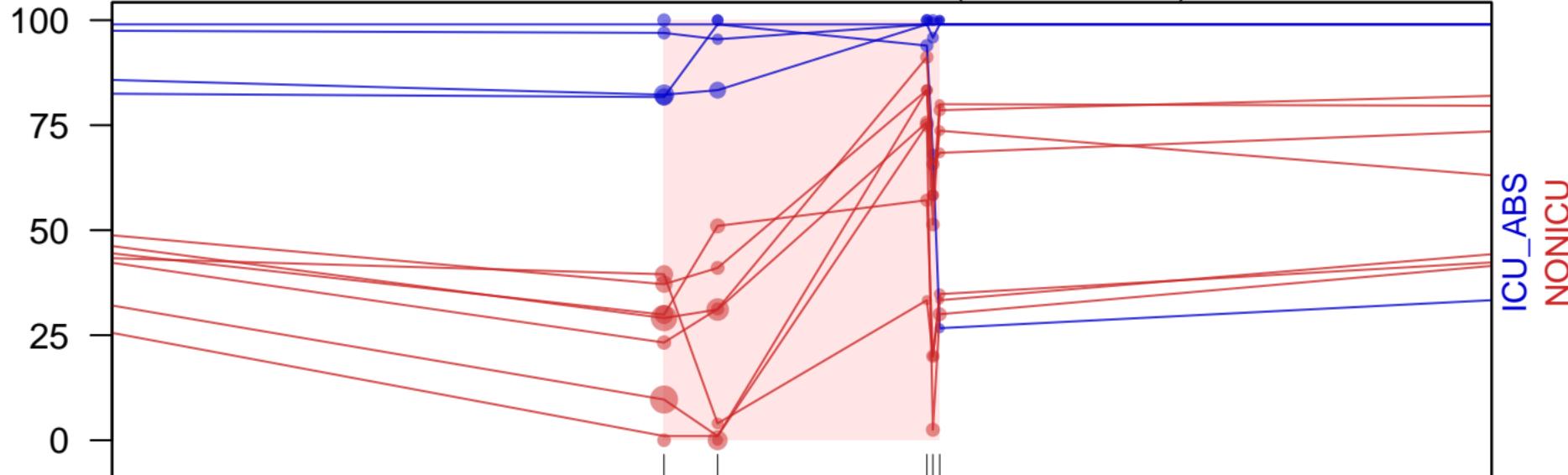
CpGs

Island Shore Shelf Open Sea

Exons

chr5: 149,561,499 – 149,562,594 (width = 1,096)

Methylation

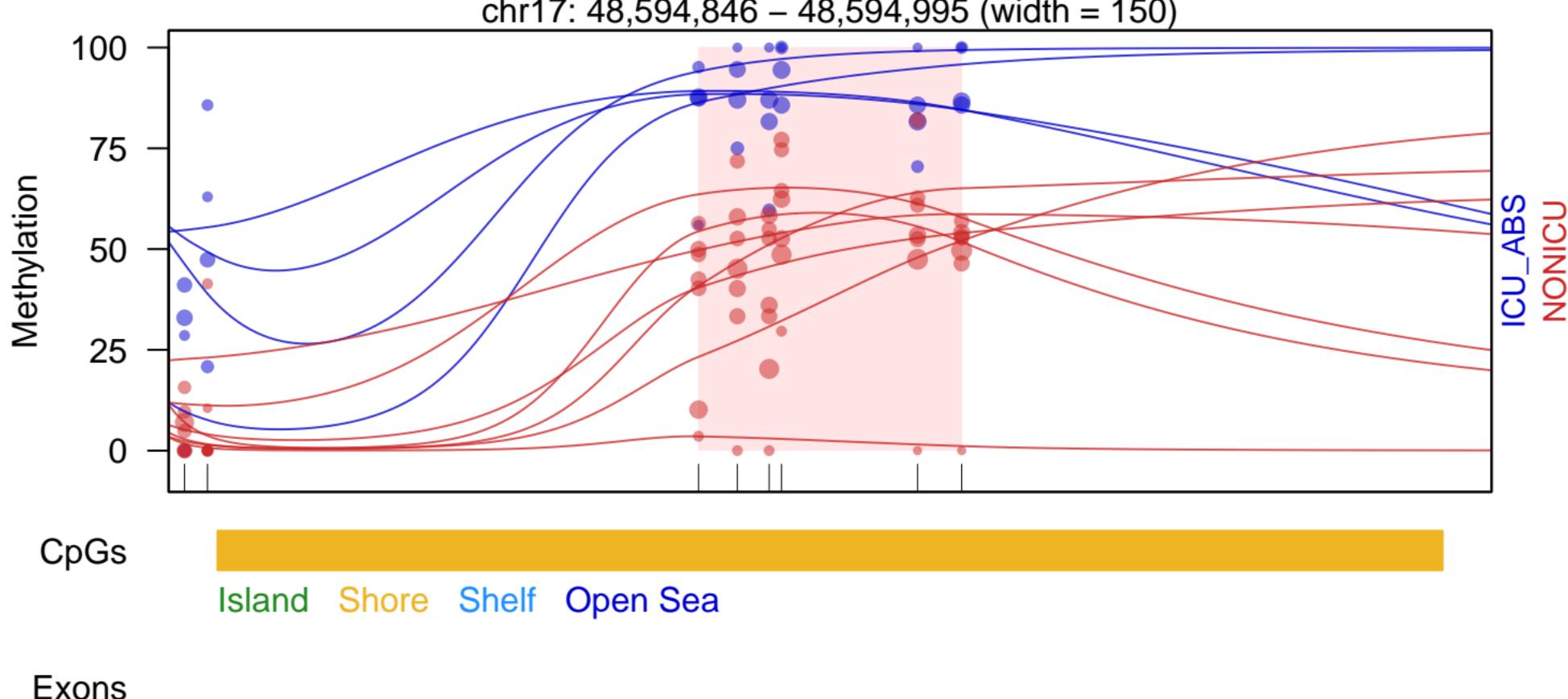


CpGs

Island Shore Shelf Open Sea

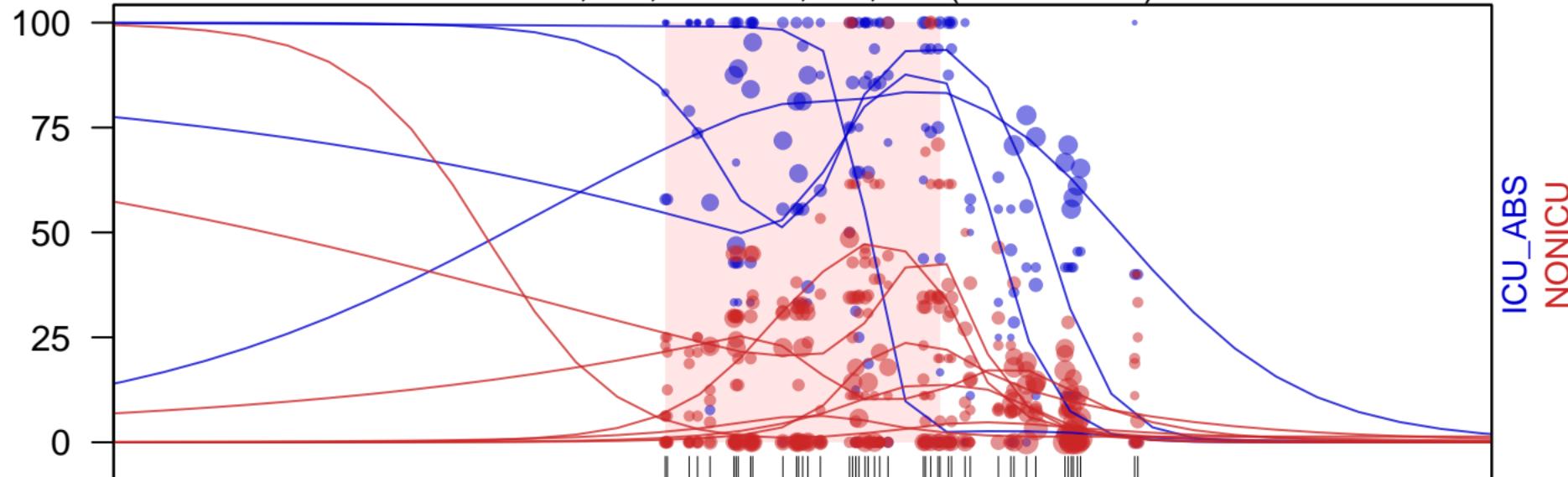
Exons

chr17: 48,594,846 – 48,594,995 (width = 150)



chr2: 73,268,938 – 73,269,202 (width = 265)

Methylation



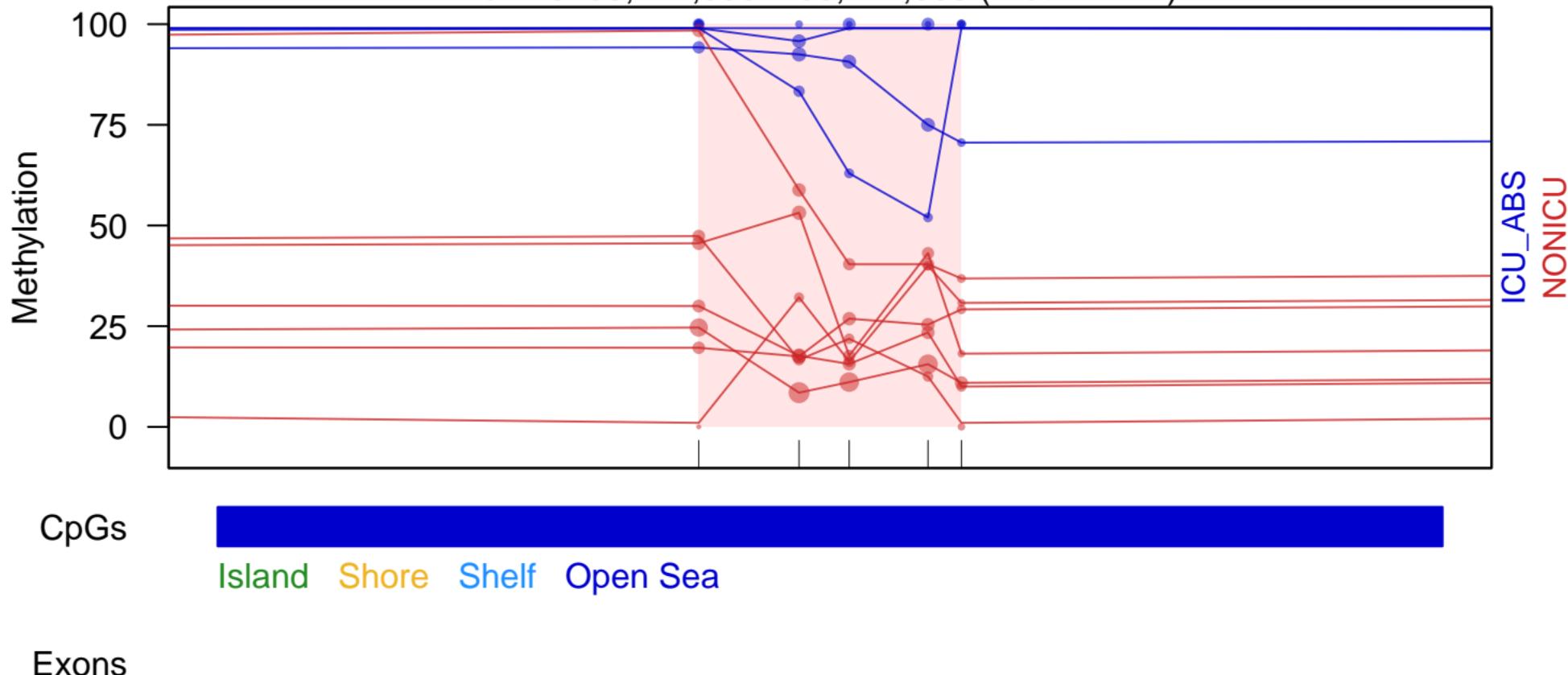
CpGs



Exons

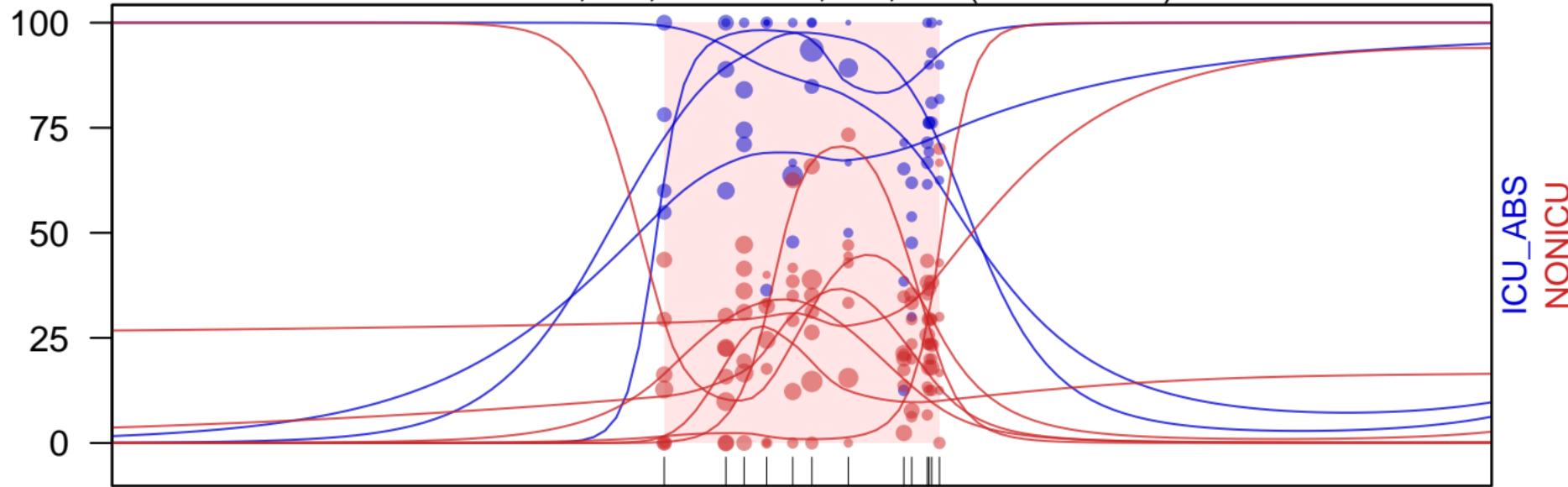


chr18: 58,221,558 – 58,221,668 (width = 111)



chr3: 196,216,403 – 196,216,720 (width = 318)

Methylation



CpGs



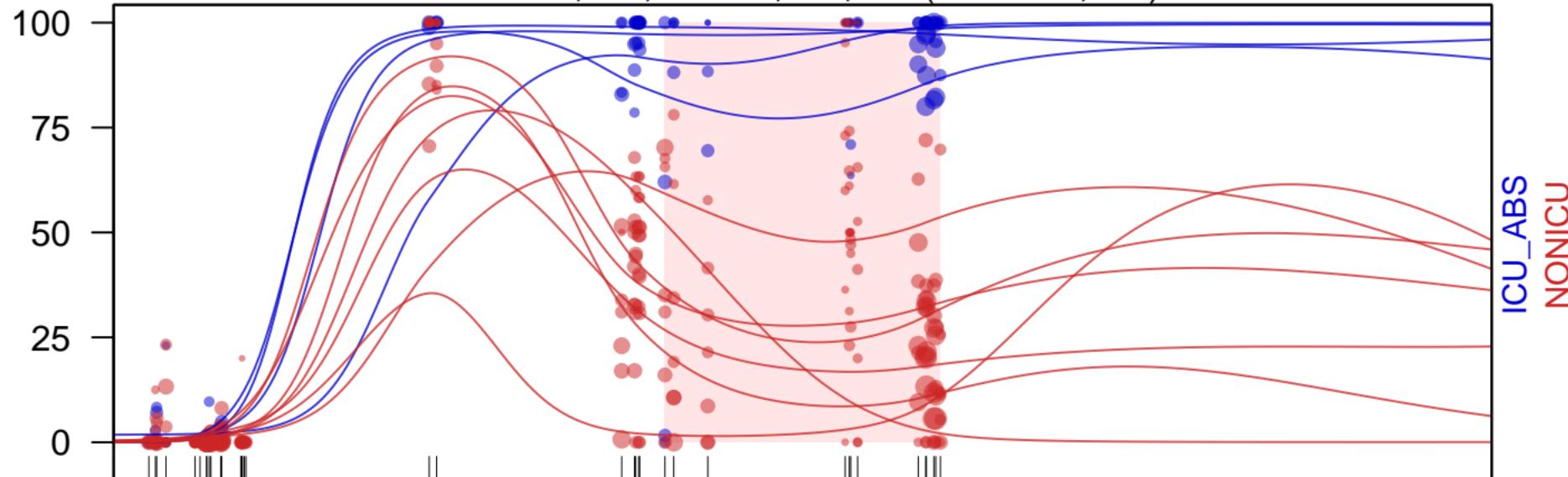
Exons



LOC124909479
SLC51A

chr19: 2,953,088 – 2,954,682 (width = 1,595)

Methylation



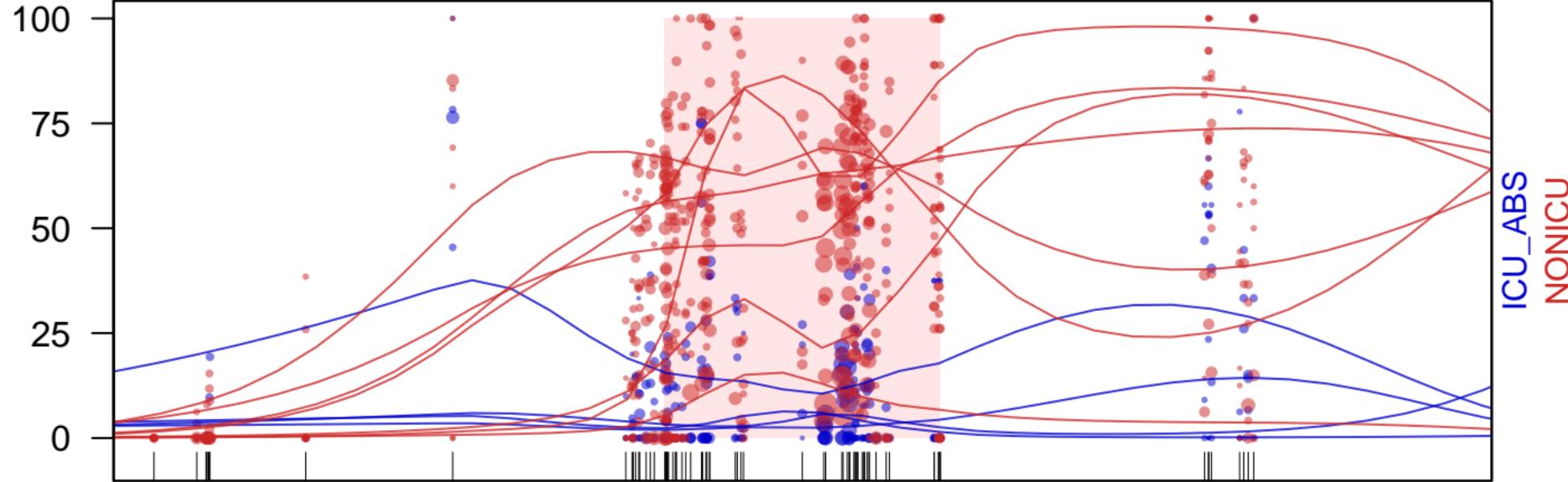
CpGs



Exons

chr2: 19,350,551 – 19,352,101 (width = 1,551)

Methylation



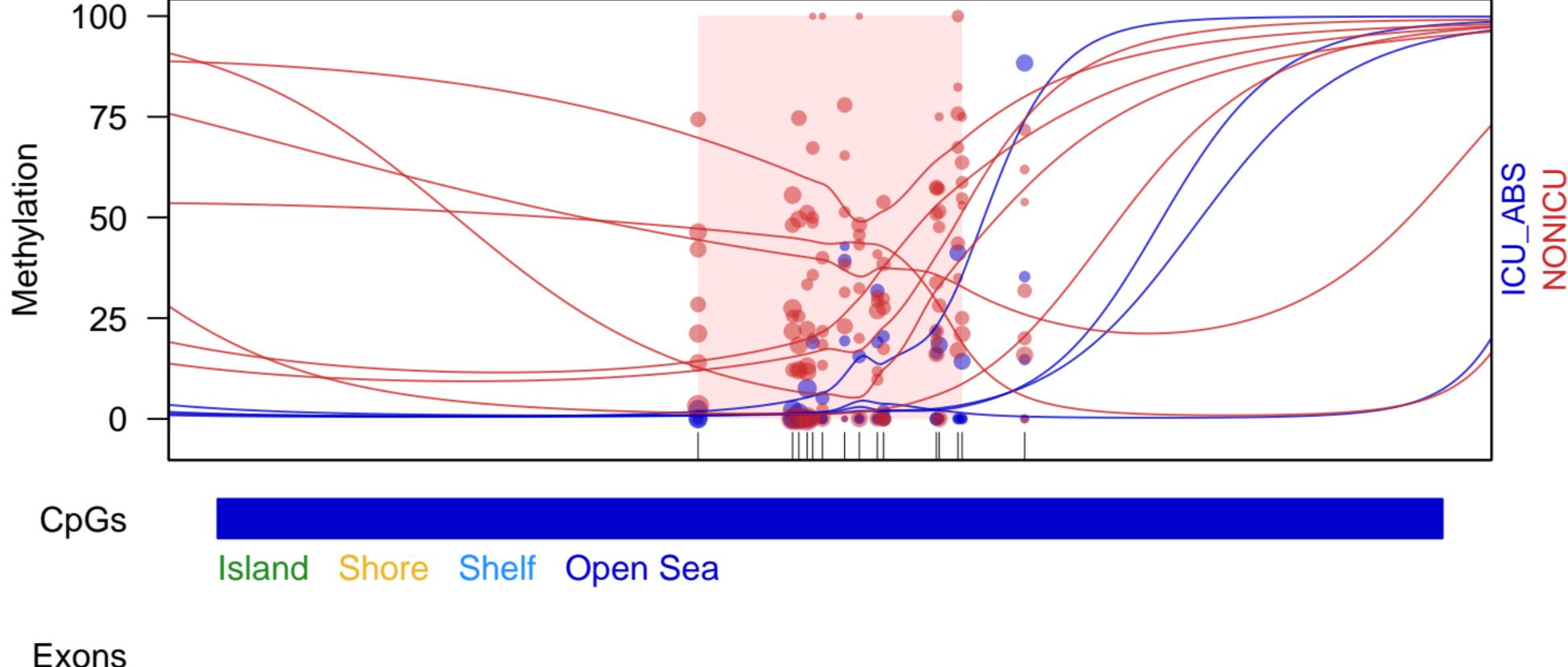
CpGs



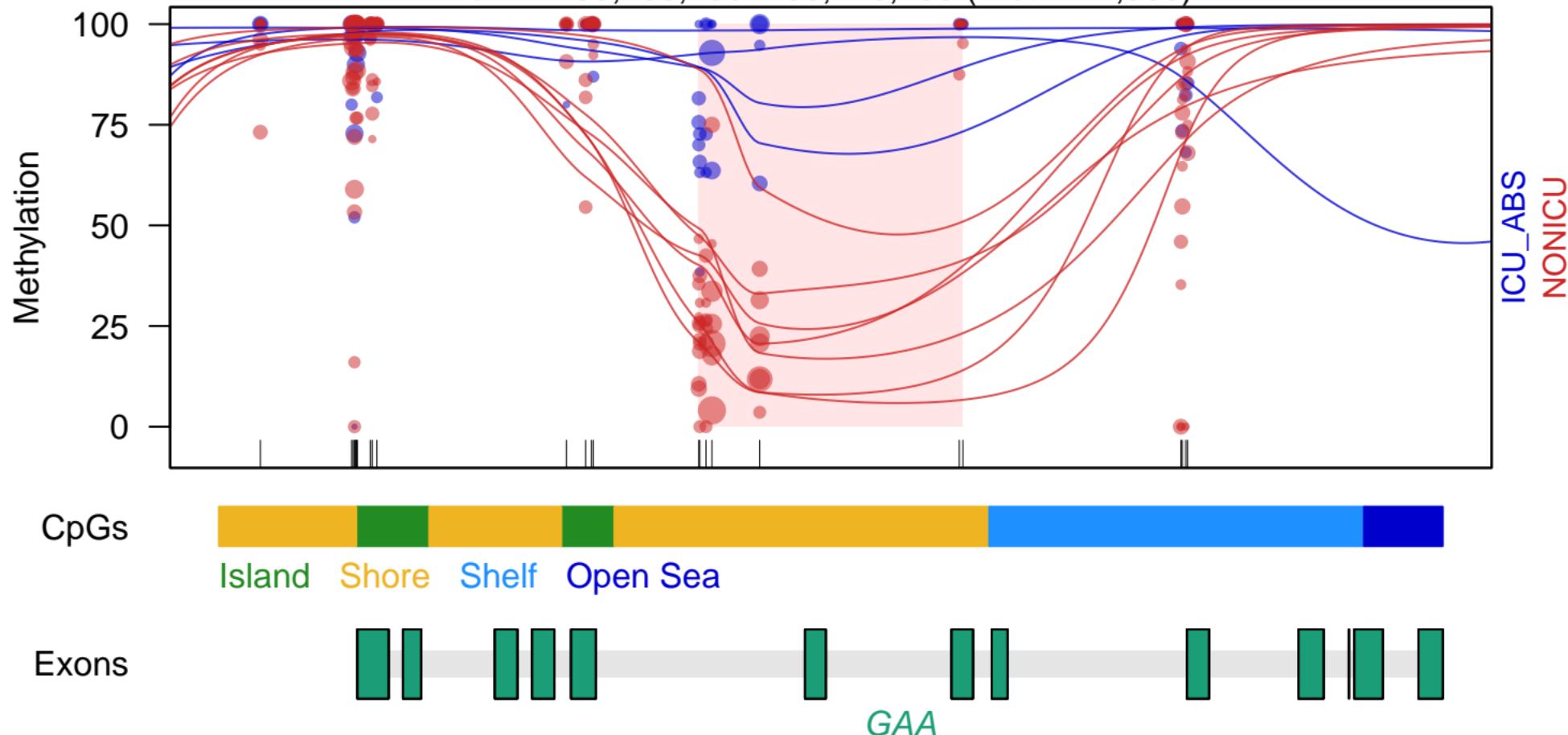
Exons



chr17: 3,911,326 – 3,911,706 (width = 381)

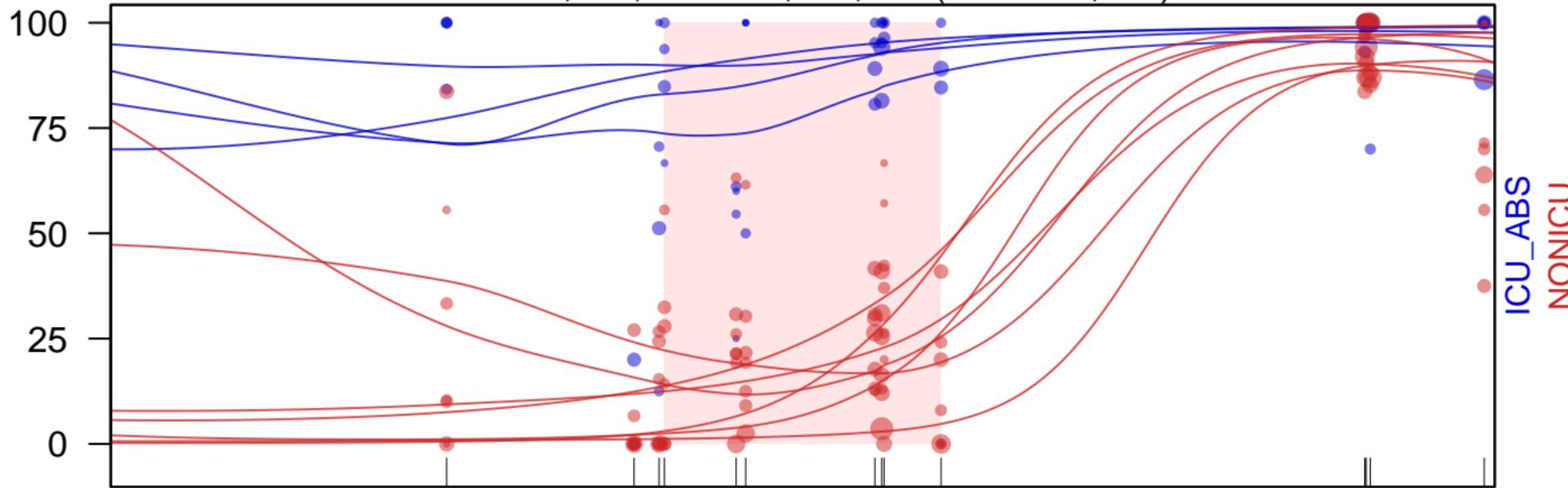


chr17: 80,109,430 – 80,110,735 (width = 1,306)



chr1: 16,144,835 – 16,146,540 (width = 1,706)

Methylation



CpGs

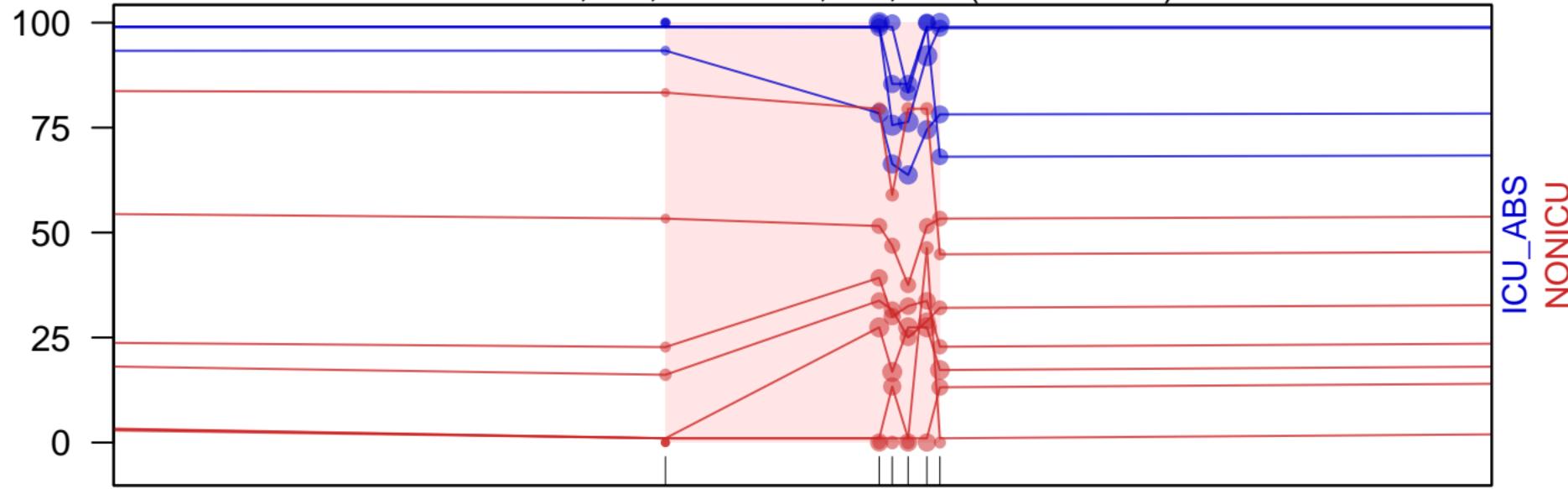


Exons



chr1: 234,309,475 – 234,309,665 (width = 191)

Methylation



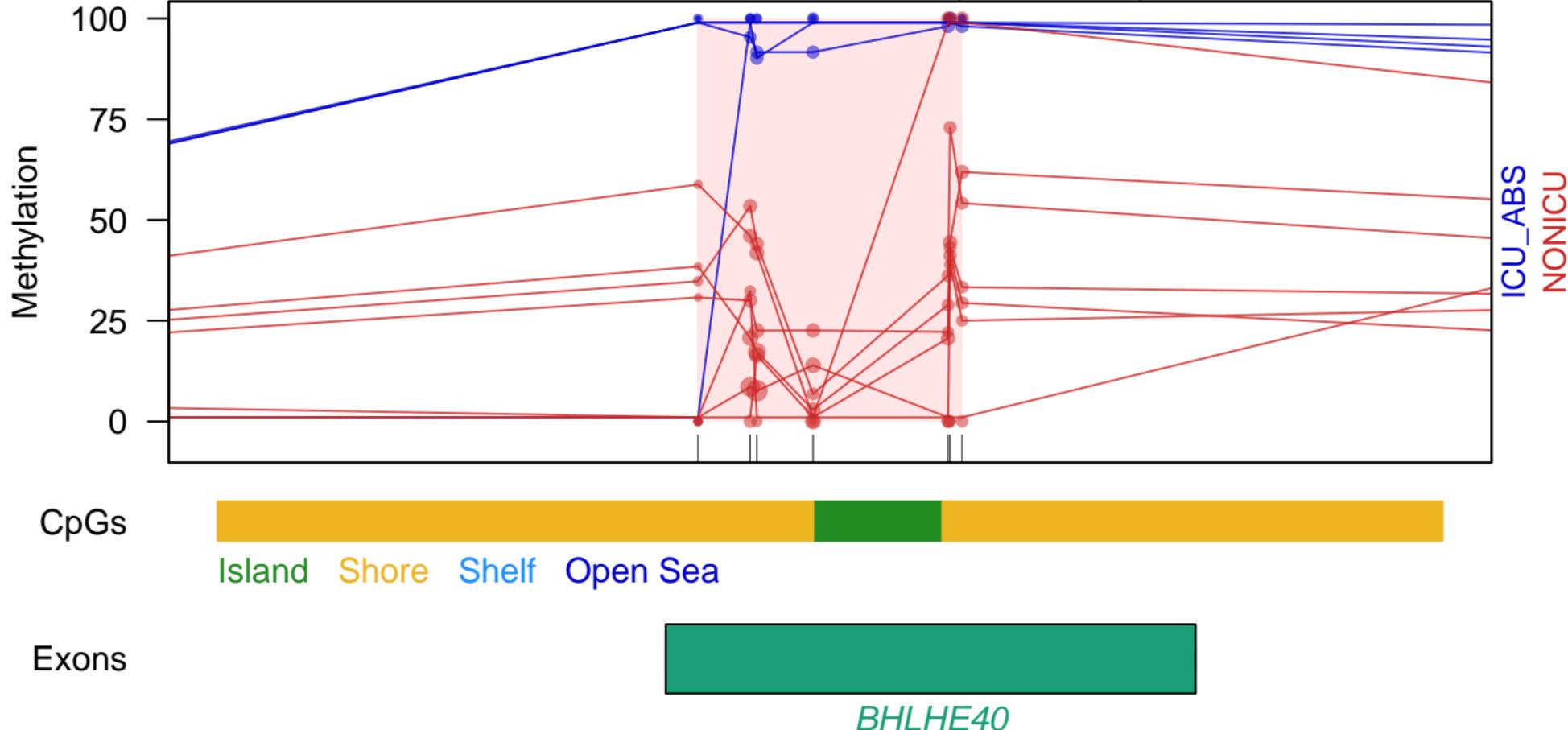
CpGs

Island Shore Shelf Open Sea

Exons

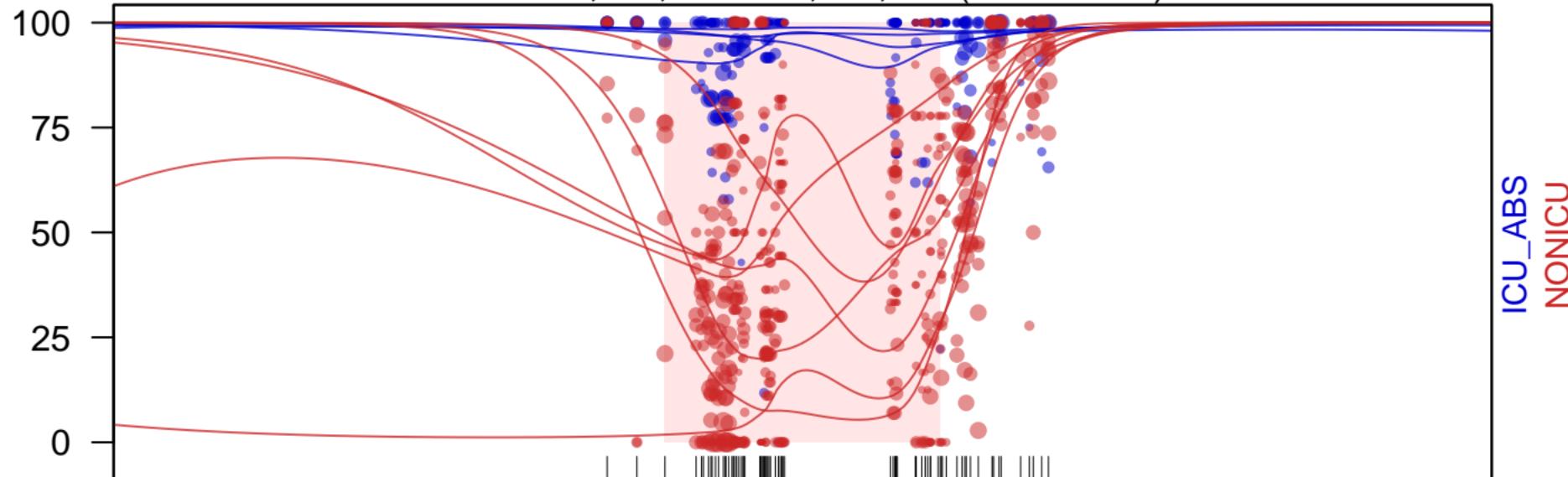
SLC35F3

chr3: 4,982,904 – 4,983,299 (width = 396)



chr22: 50,720,011 – 50,720,992 (width = 982)

Methylation



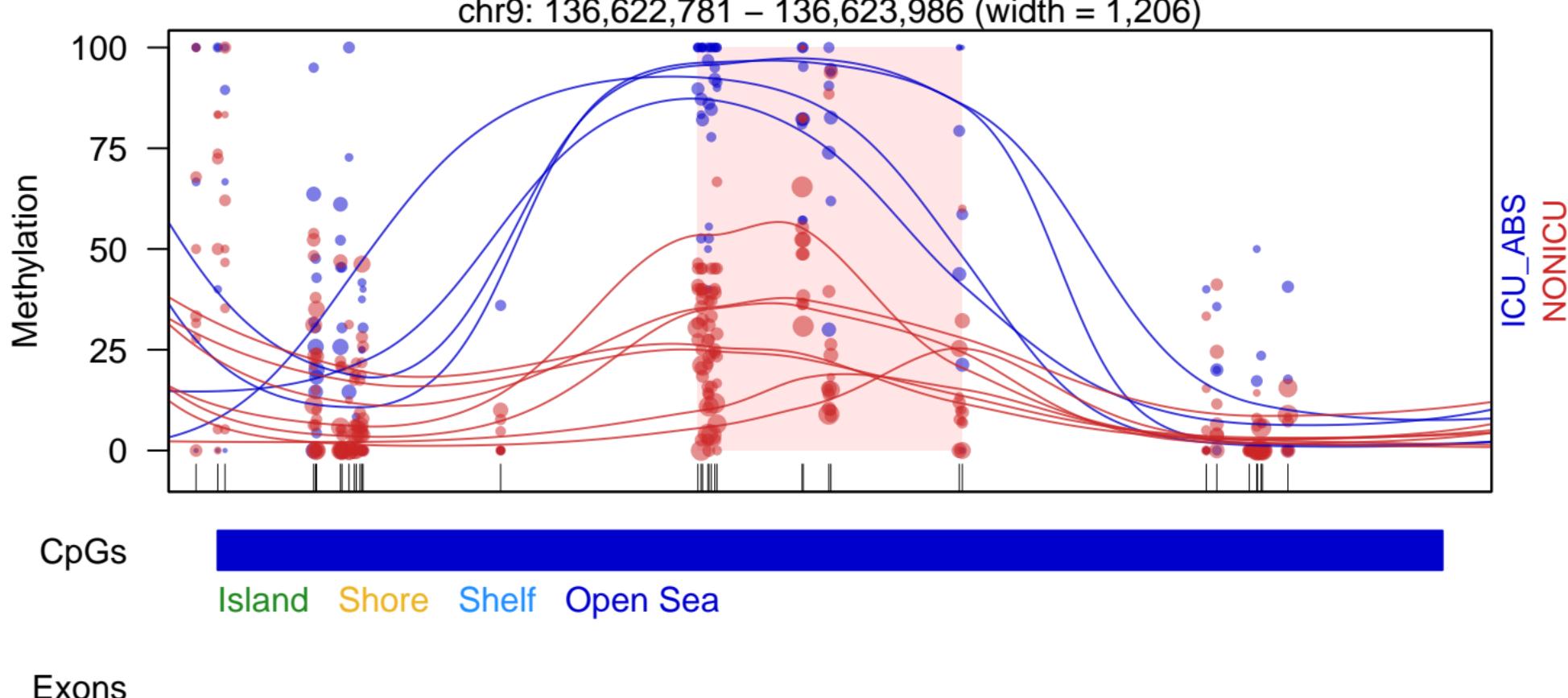
CpGs



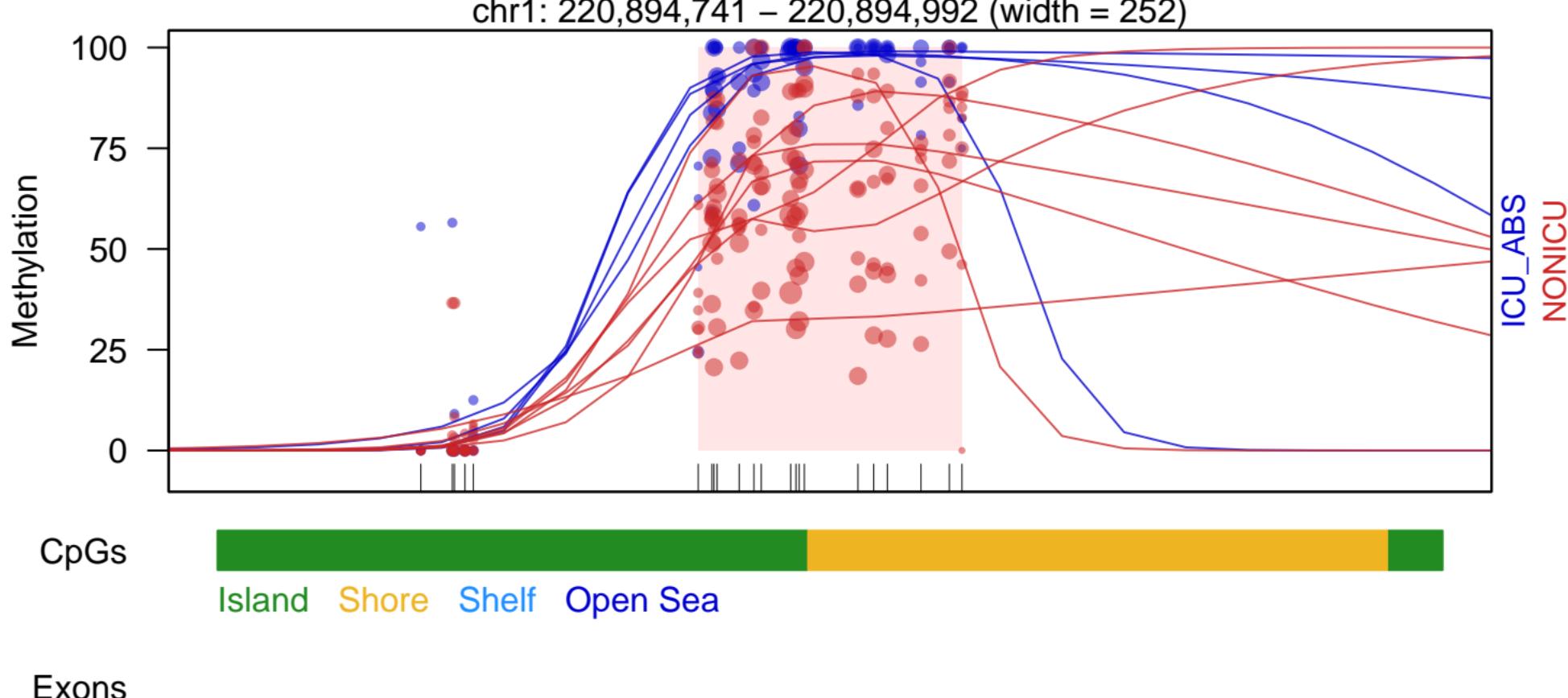
Exons



chr9: 136,622,781 – 136,623,986 (width = 1,206)

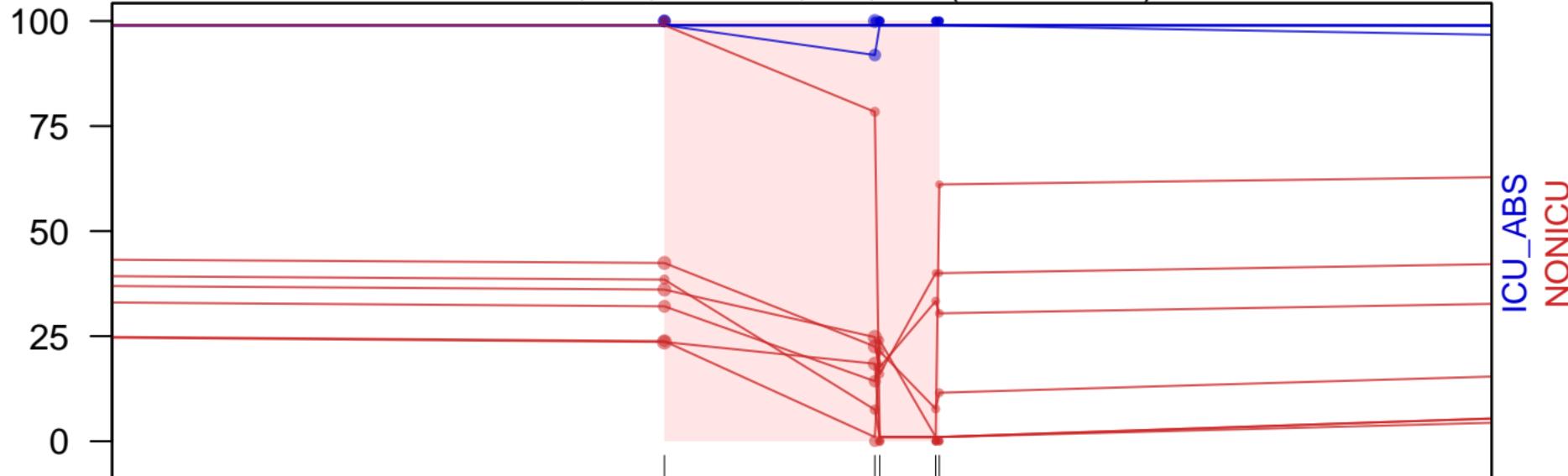


chr1: 220,894,741 – 220,894,992 (width = 252)



chr6: 41,843,588 – 41,843,814 (width = 227)

Methylation



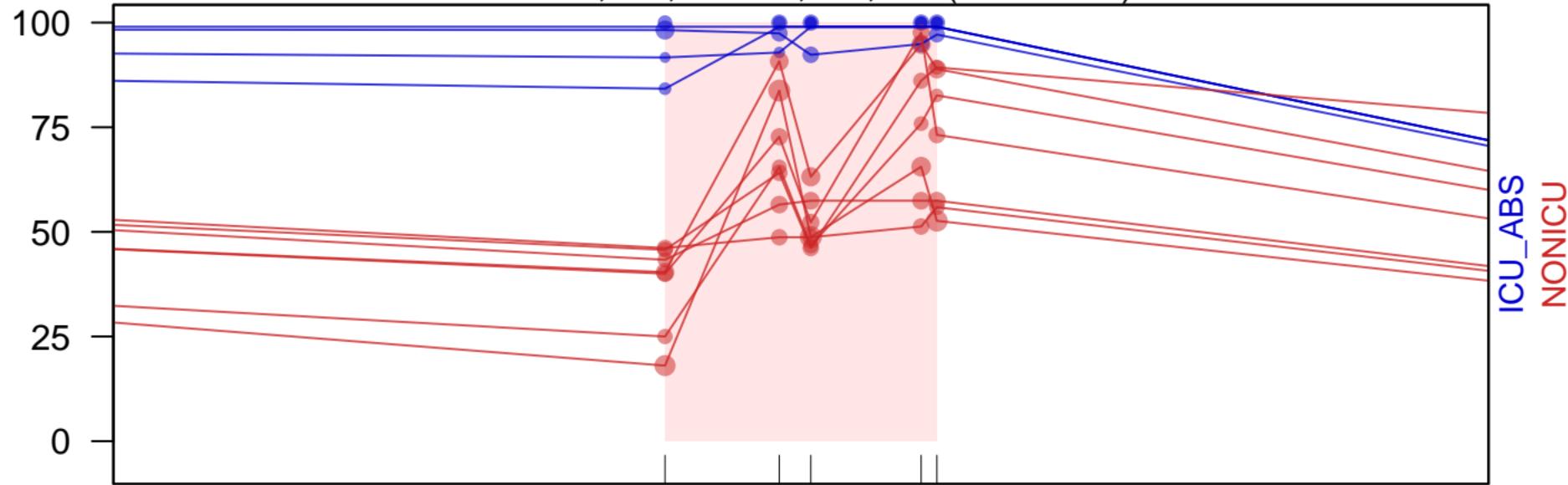
CpGs

Island Shore Shelf Open Sea

Exons

chr20: 3,785,526 – 3,785,595 (width = 70)

Methylation



CpGs

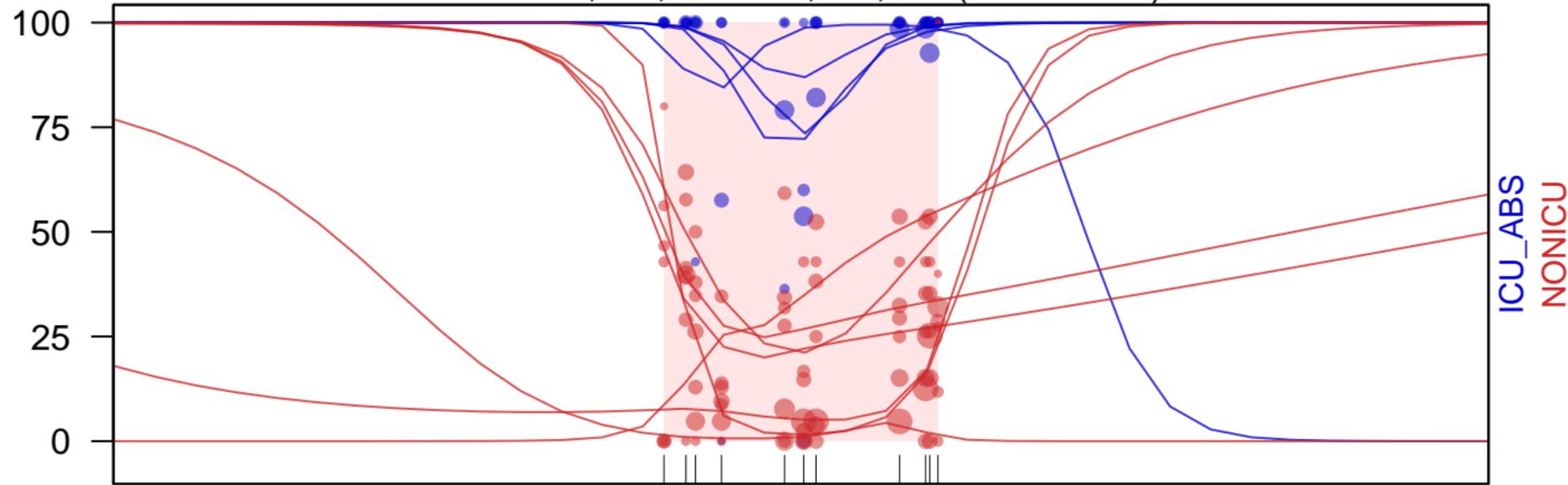


Exons



chr21: 45,513,444 – 45,513,644 (width = 201)

Methylation



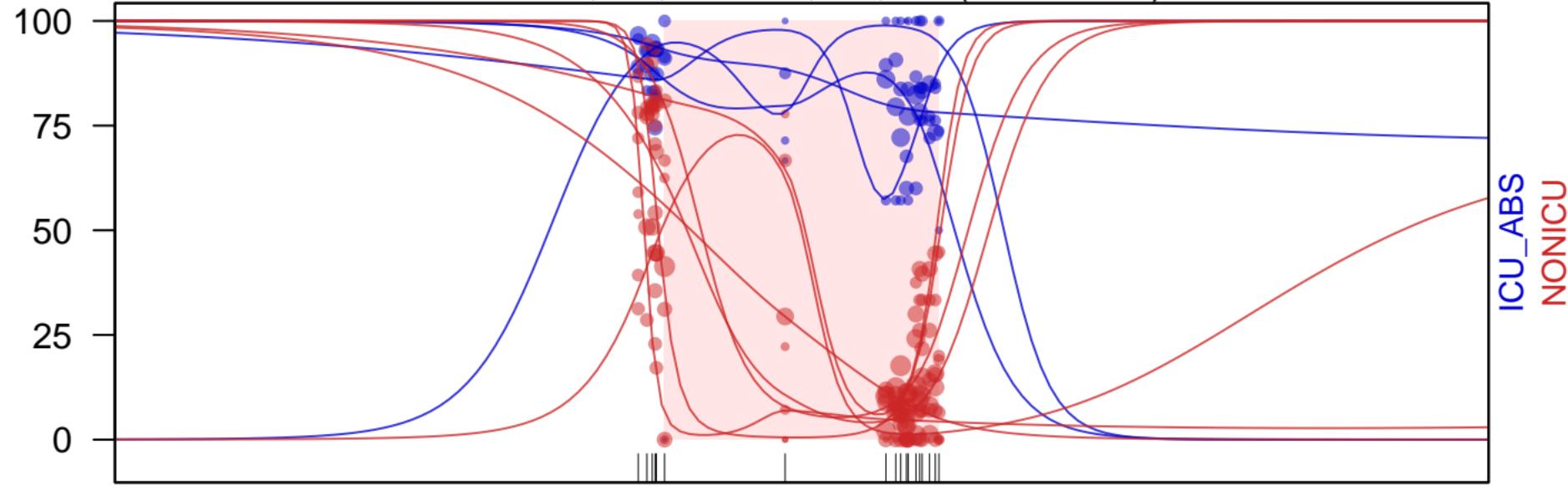
CpGs

Island Shore Shelf Open Sea

Exons

chr11: 65,592,129 – 65,592,796 (width = 668)

Methylation

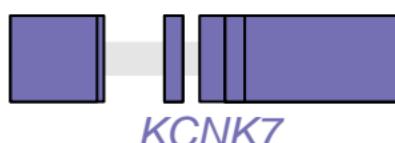


CpGs



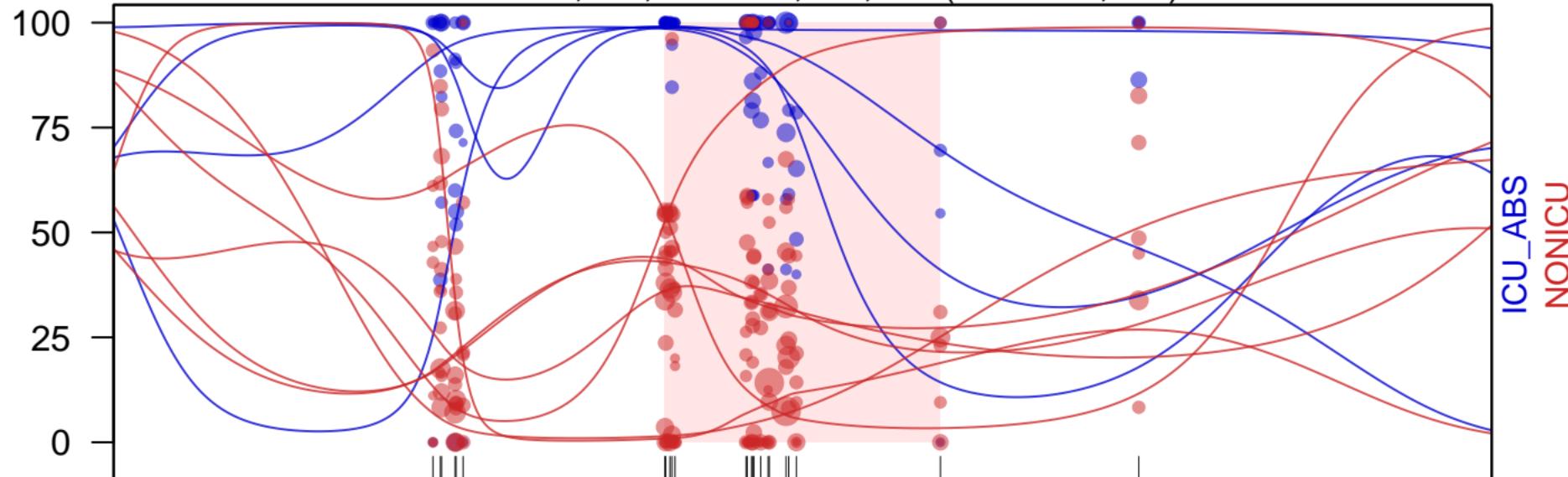
Island Shore Shelf Open Sea

Exons



chr22: 46,453,224 – 46,454,668 (width = 1,445)

Methylation



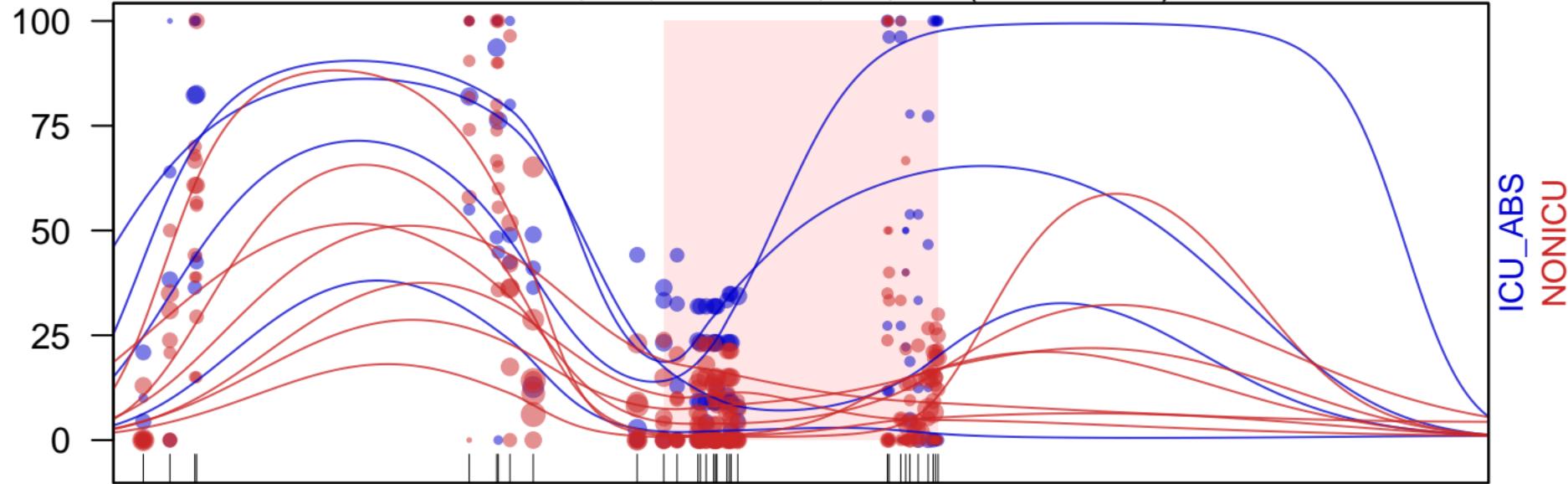
CpGs

Island Shore Shelf Open Sea

Exons

chr9: 128,192,888 – 128,193,218 (width = 331)

Methylation

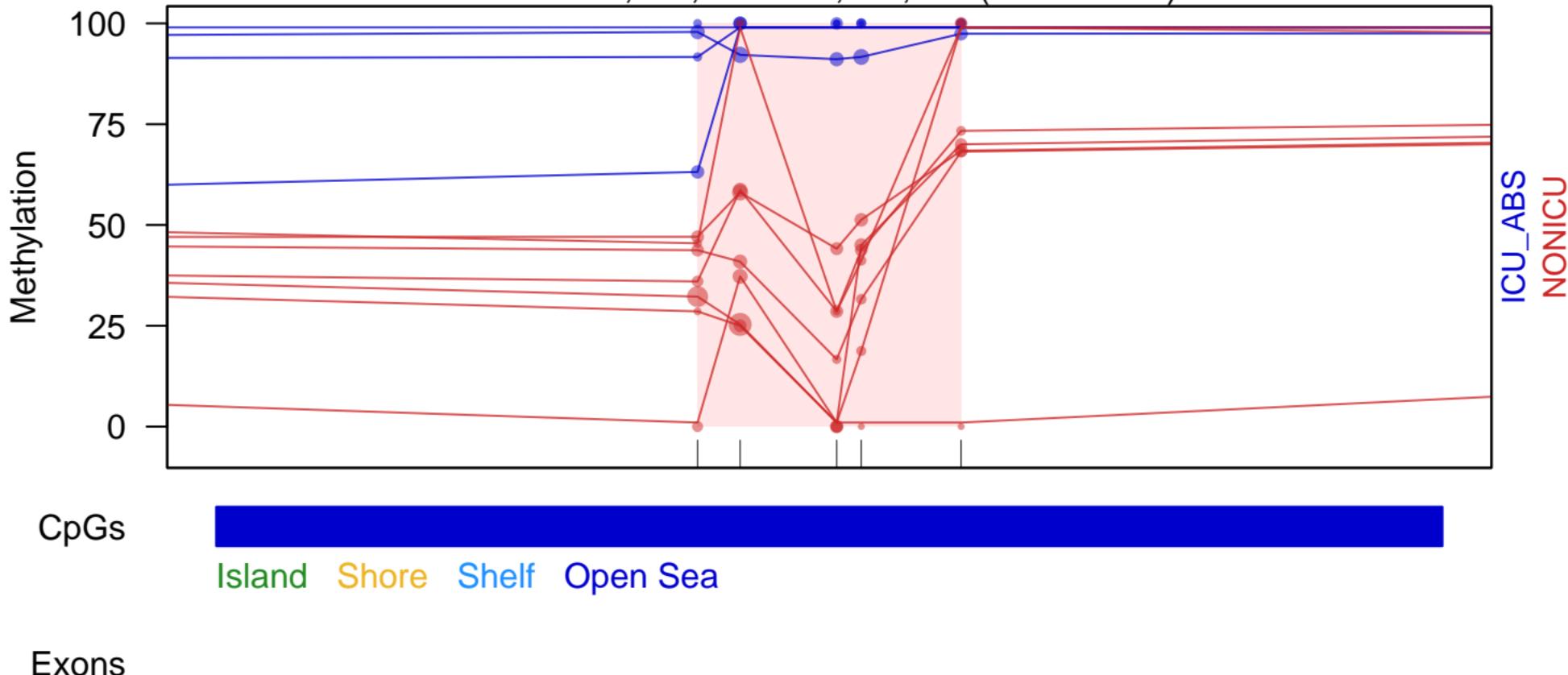


CpGs

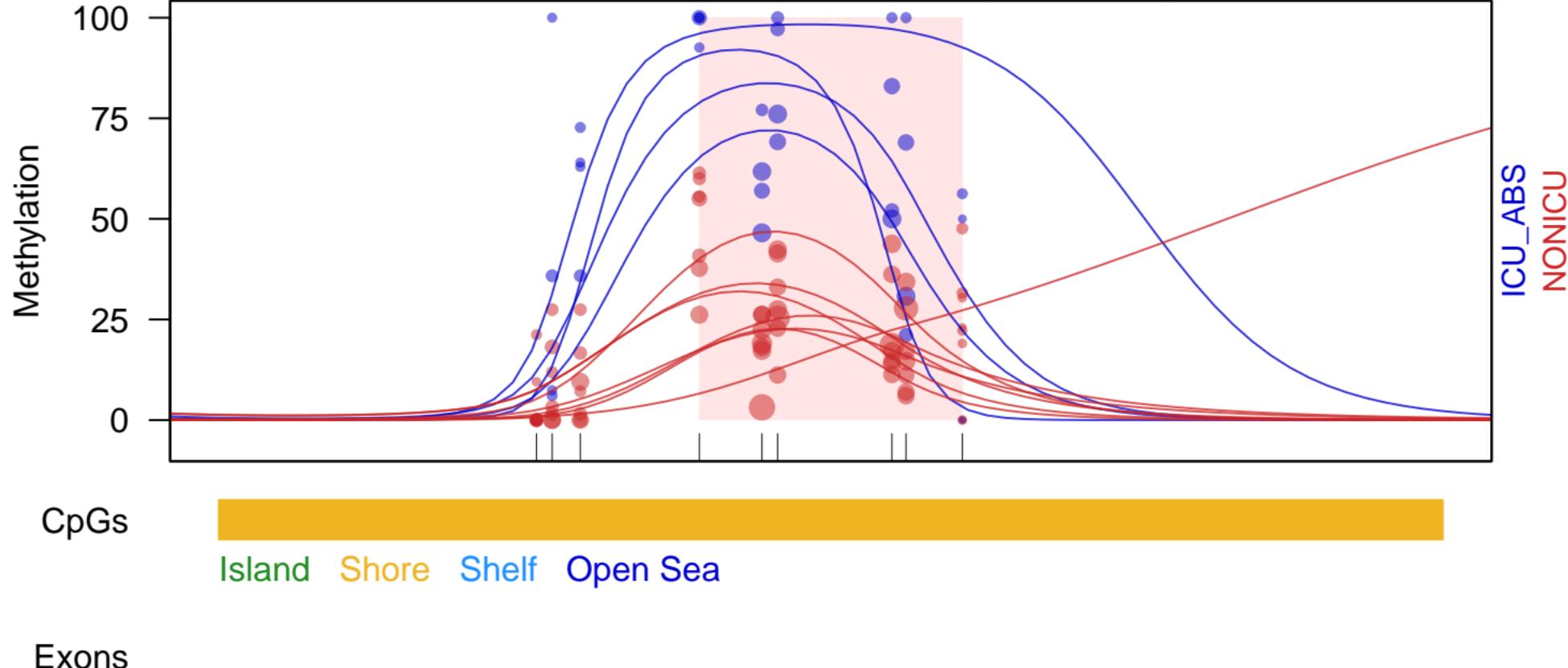


Exons

chr17: 44,608,413 – 44,608,574 (width = 162)

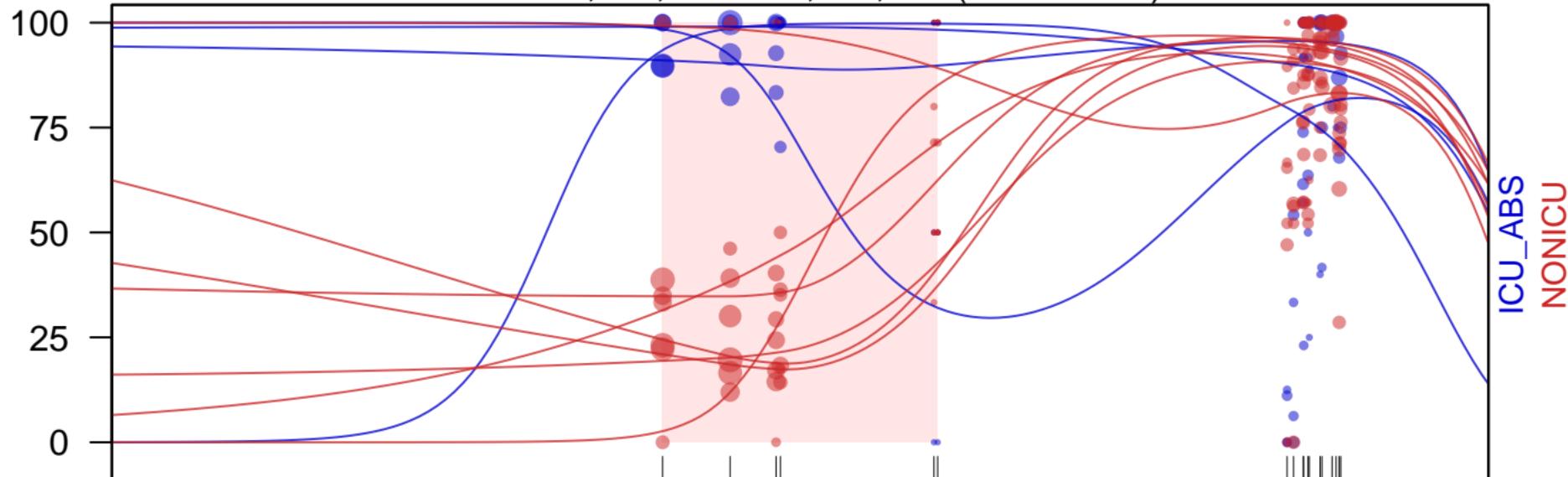


chr19: 49,021,075 – 49,021,243 (width = 169)



chr17: 63,432,297 – 63,433,189 (width = 893)

Methylation



CpGs

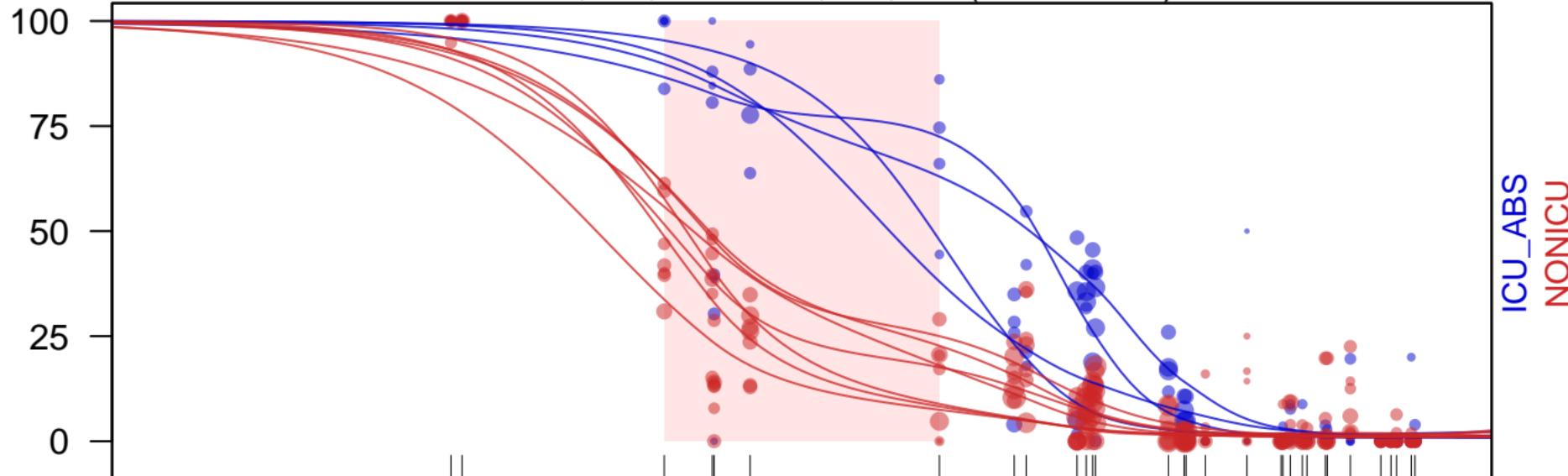


Exons



chr7: 143,361,202 – 143,361,500 (width = 299)

Methylation

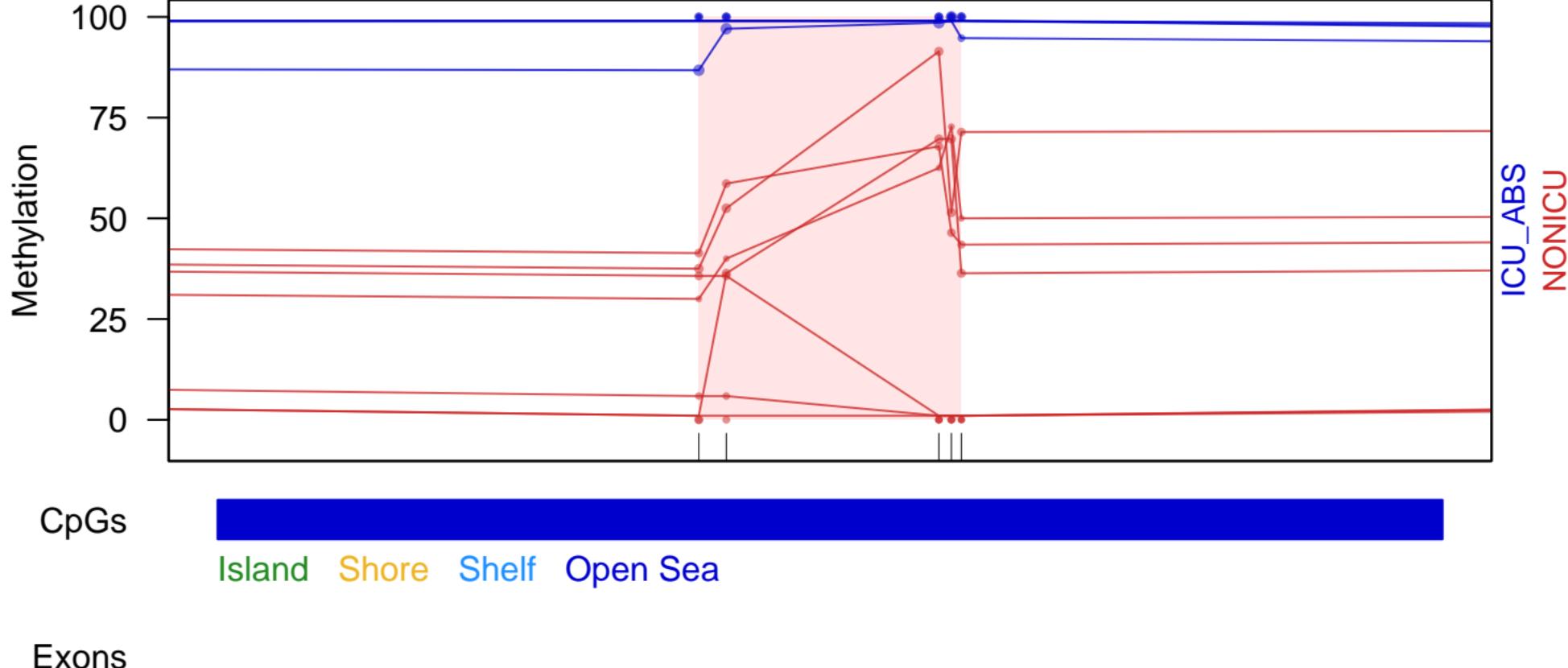


CpGs

Island Shore Shelf Open Sea

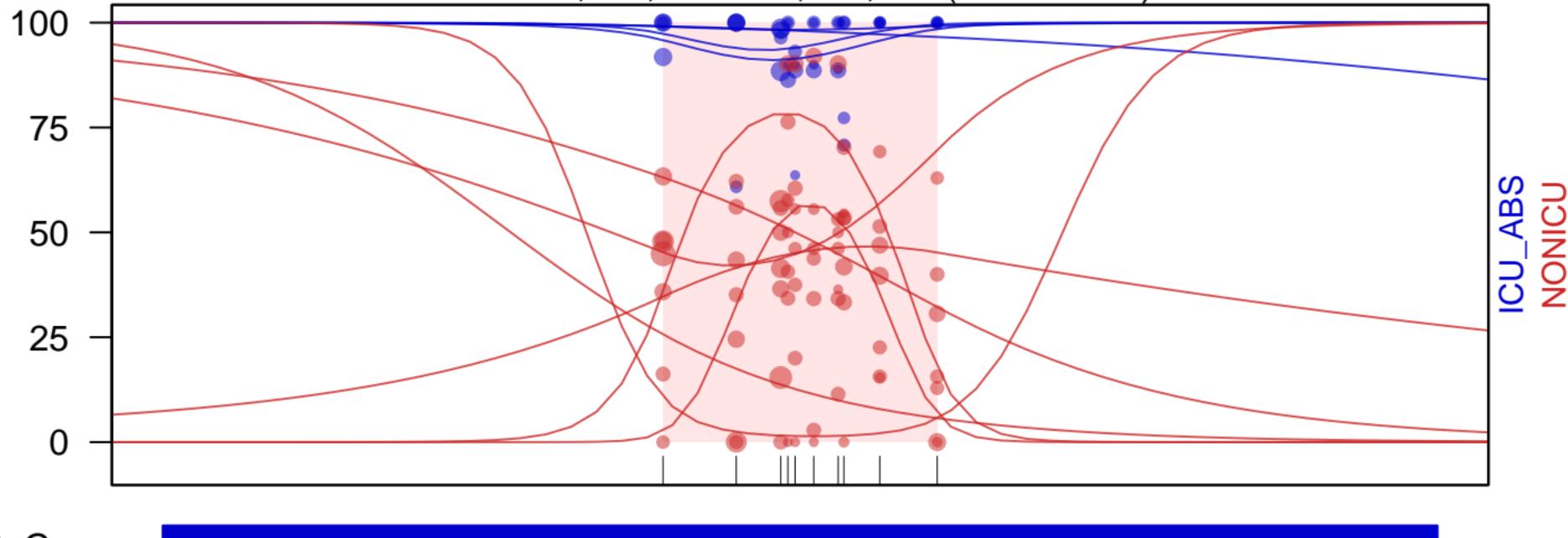
Exons

chr15: 81,804,885 – 81,804,990 (width = 106)



chr3: 12,944,475 – 12,944,666 (width = 192)

Methylation



CpGs

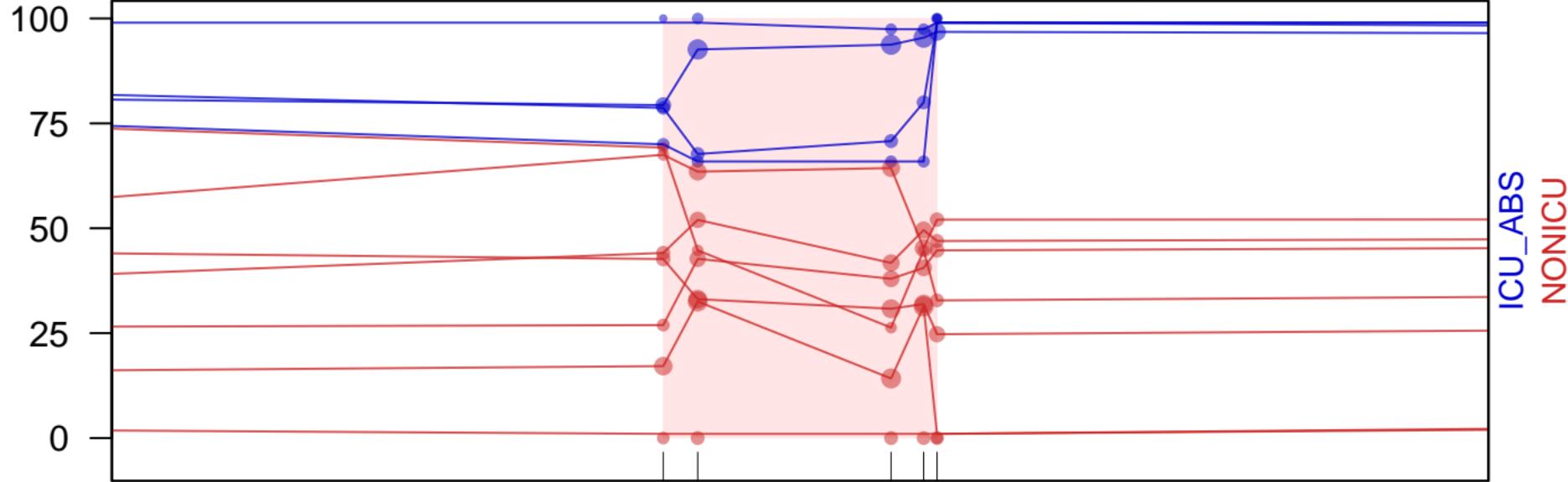
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr8: 23,490,133 – 23,490,276 (width = 144)

Methylation

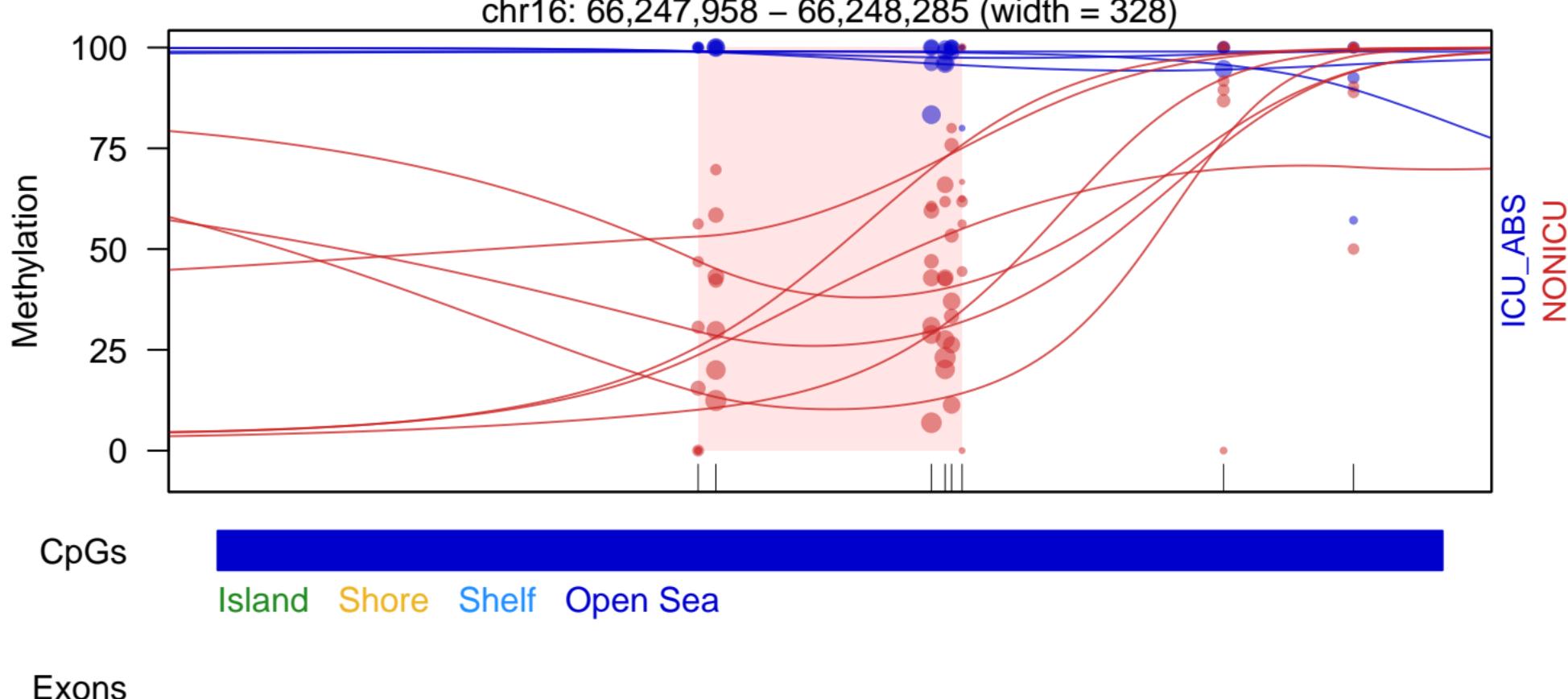


CpGs

Island Shore Shelf Open Sea

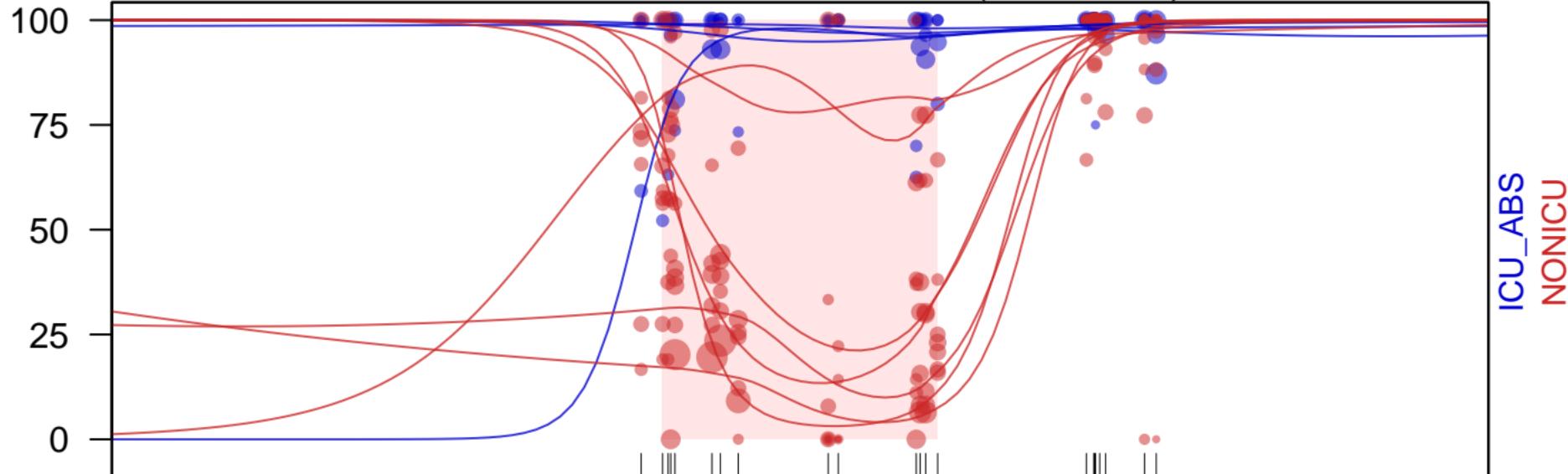
Exons

chr16: 66,247,958 – 66,248,285 (width = 328)

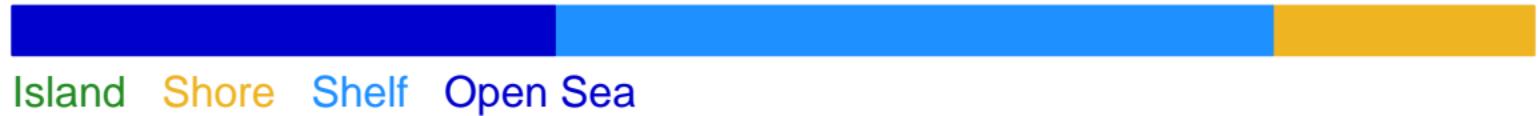


chr13: 113,970,359 – 113,971,206 (width = 848)

Methylation



CpGs



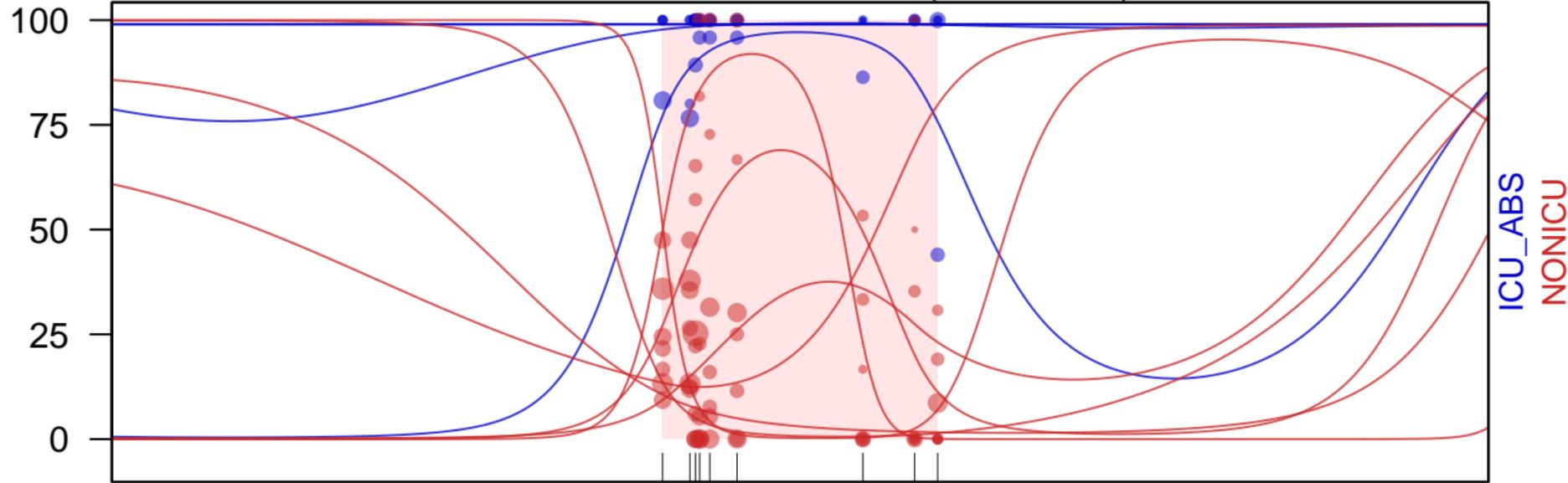
Exons



C13orf46

chr1: 3,553,621 – 3,554,408 (width = 788)

Methylation

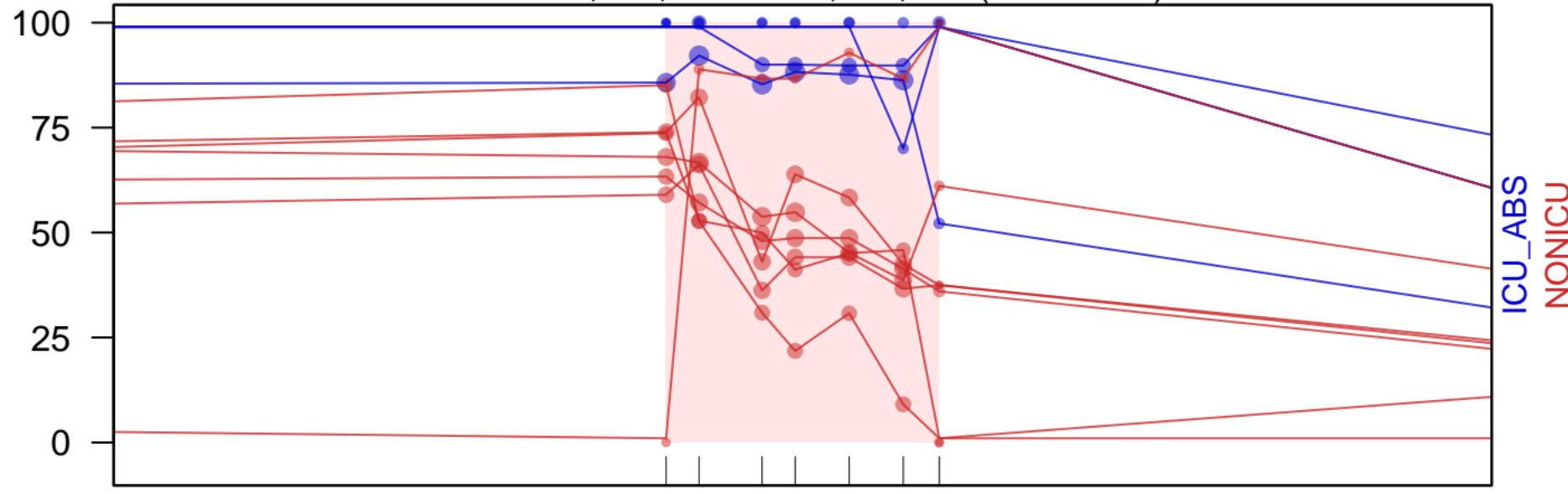


CpGs

Exons

chr5: 139,378,356 – 139,378,447 (width = 92)

Methylation



CpGs

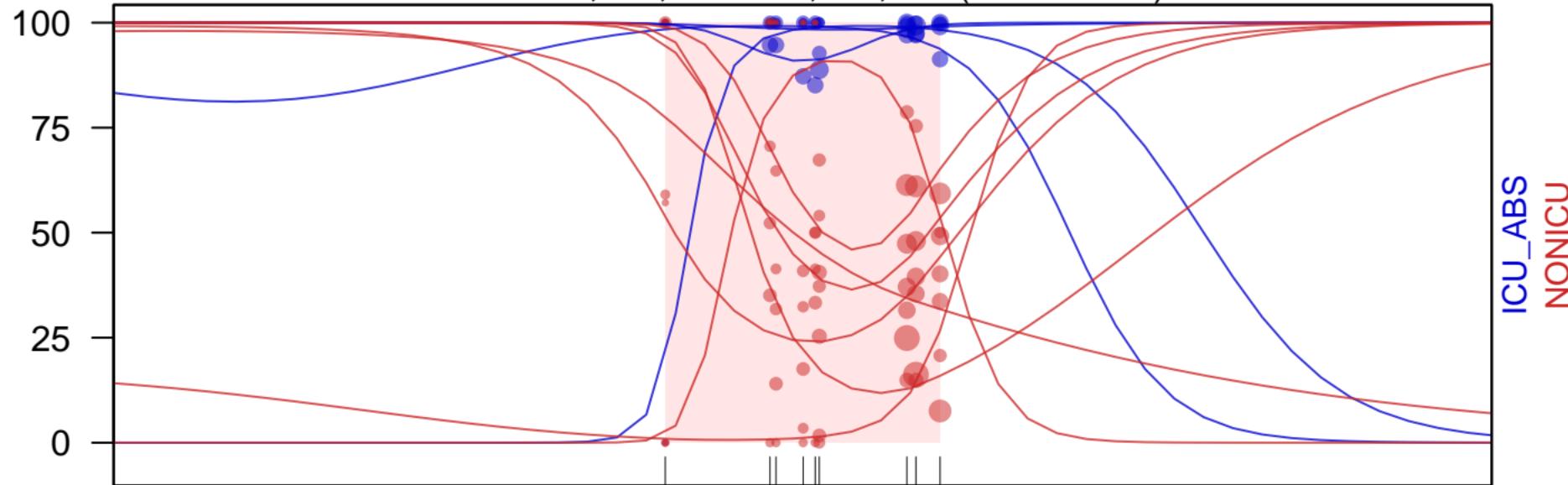


Exons



chr12: 56,015,217 – 56,015,490 (width = 274)

Methylation



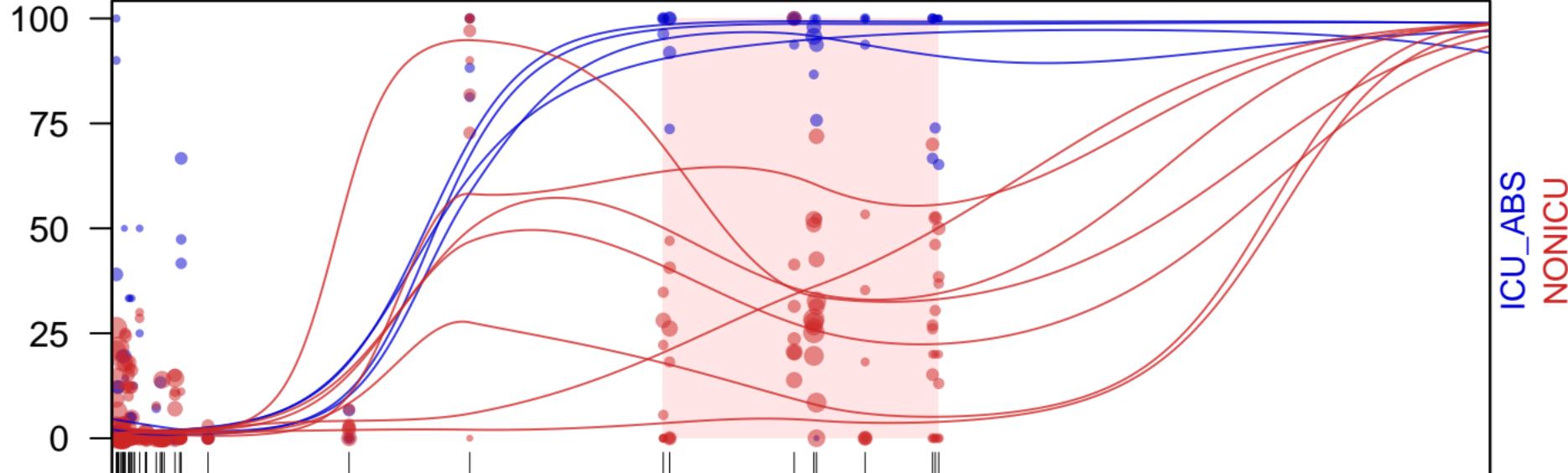
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 10,520,677 – 10,522,320 (width = 1,644)

Methylation



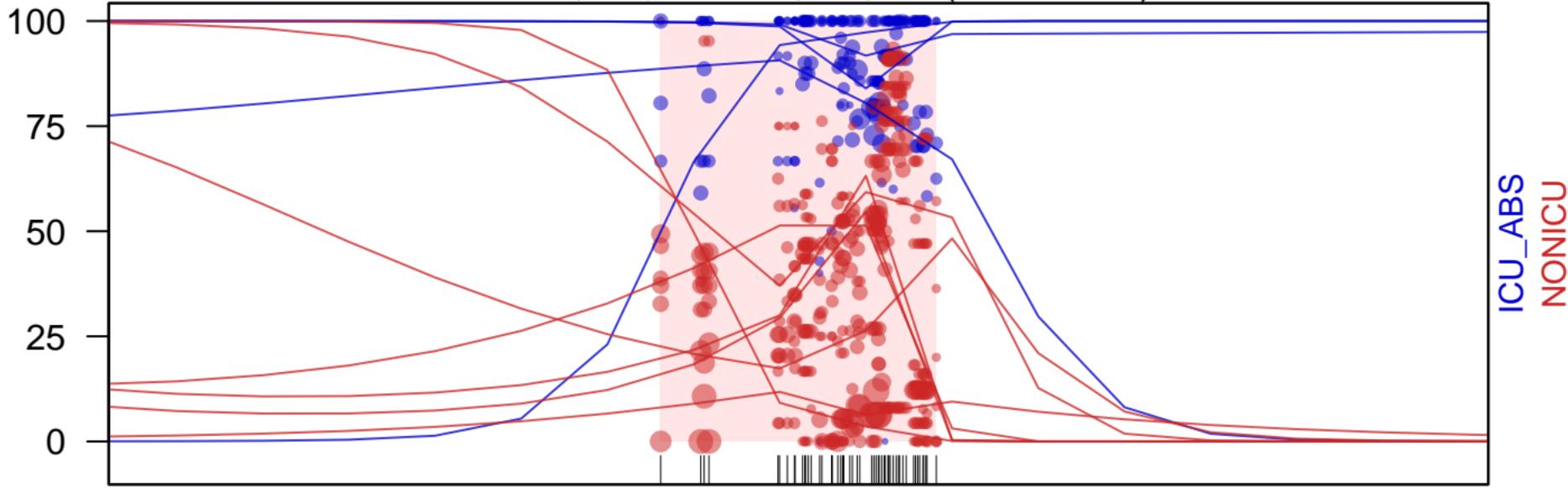
CpGs



Exons

chr2: 53,859,355 – 53,860,097 (width = 743)

Methylation

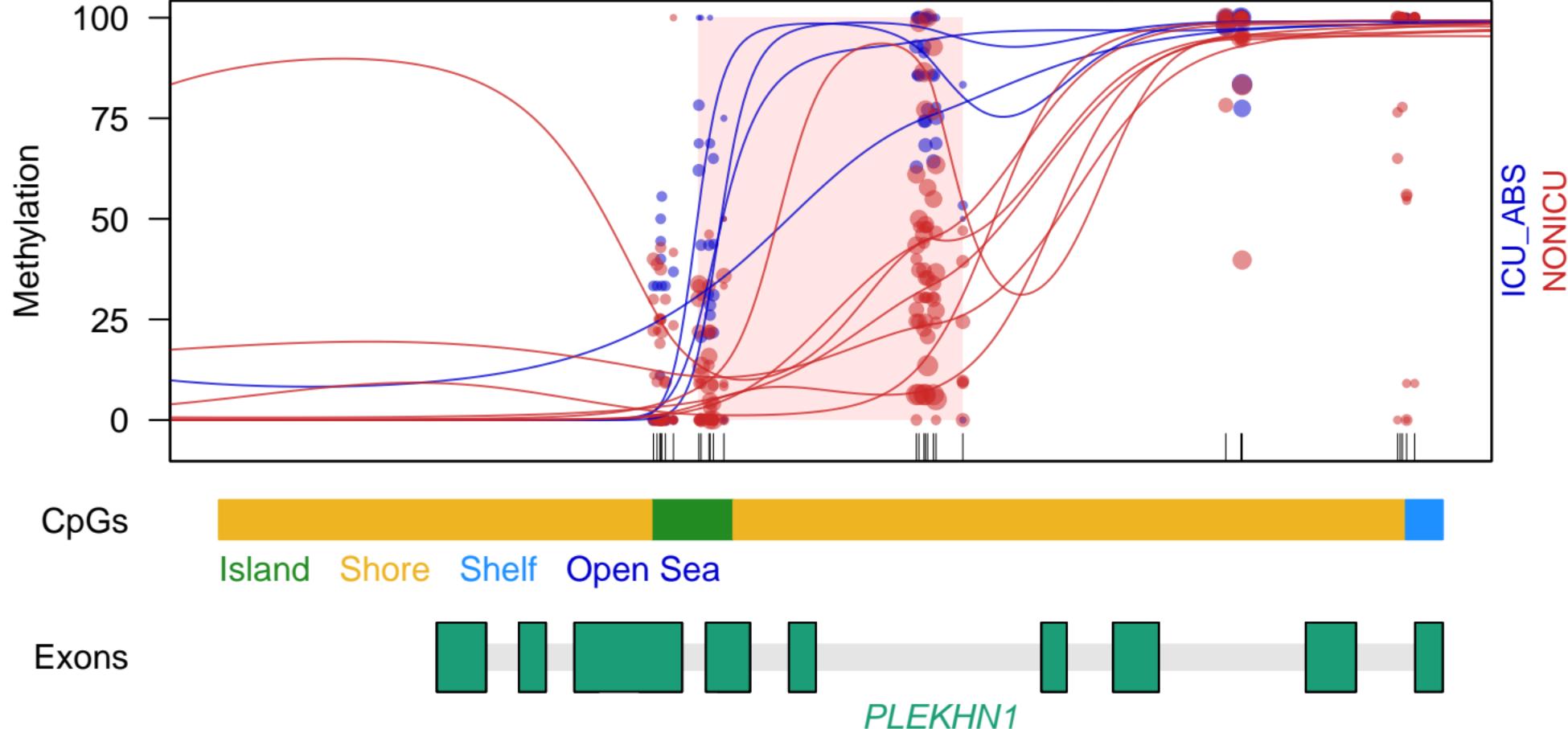


CpGs

Island Shore Shelf Open Sea

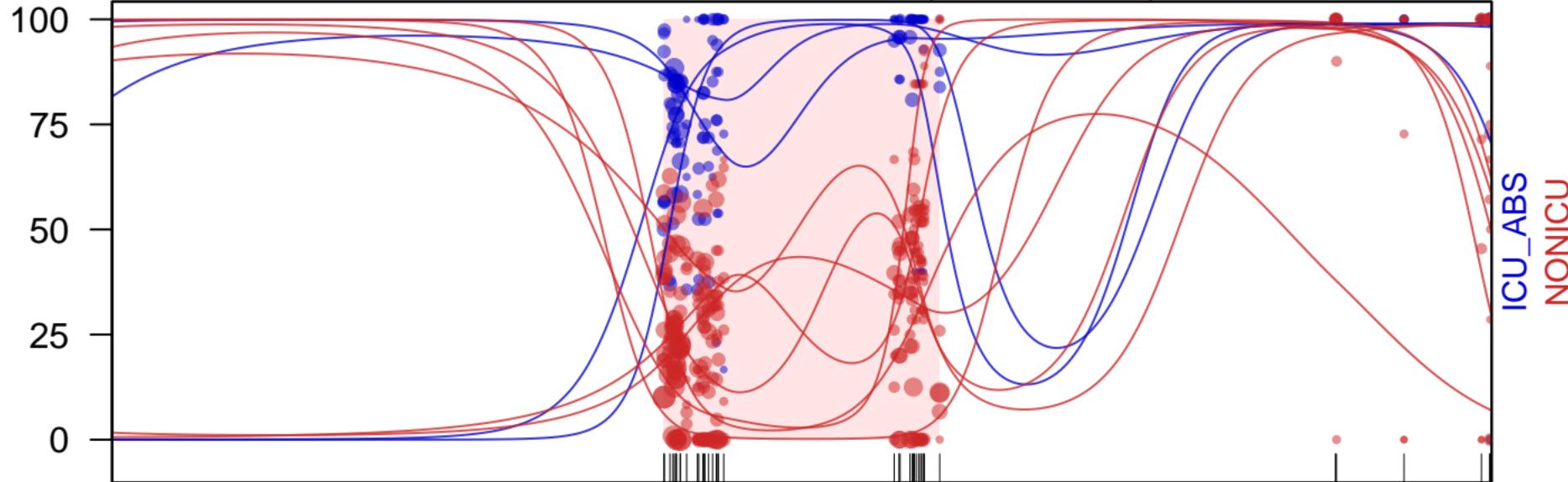
Exons

chr1: 971,085 – 971,812 (width = 728)



chr19: 3,403,682 – 3,405,117 (width = 1,436)

Methylation



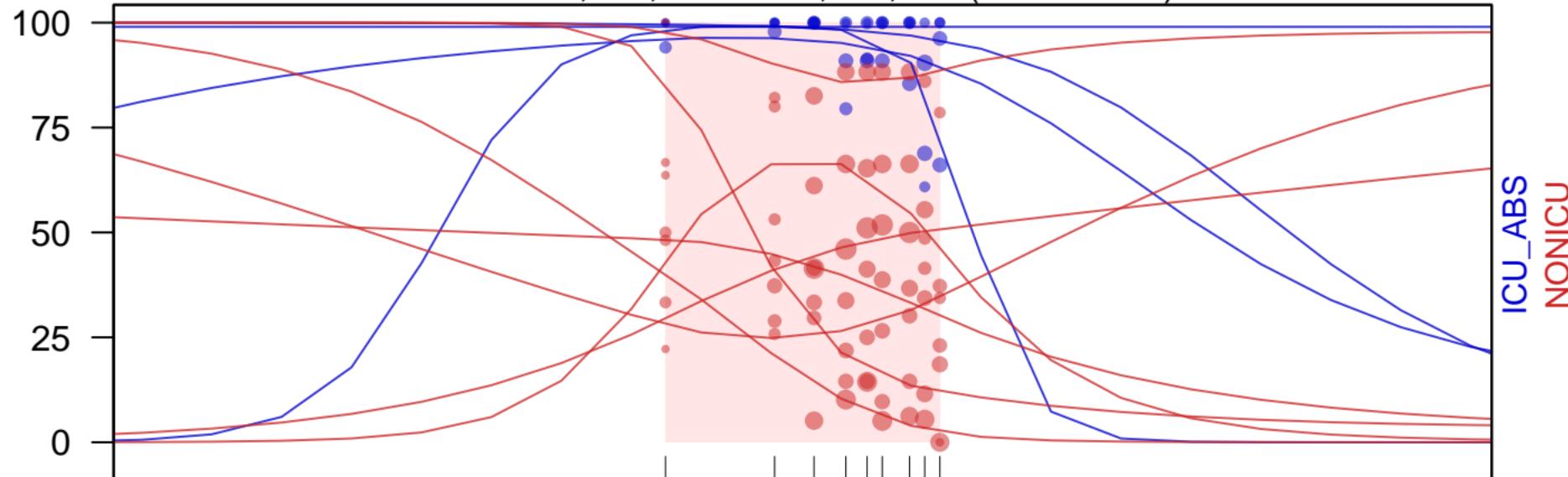
CpGs



Exons

chr6: 138,682,776 – 138,682,957 (width = 182)

Methylation



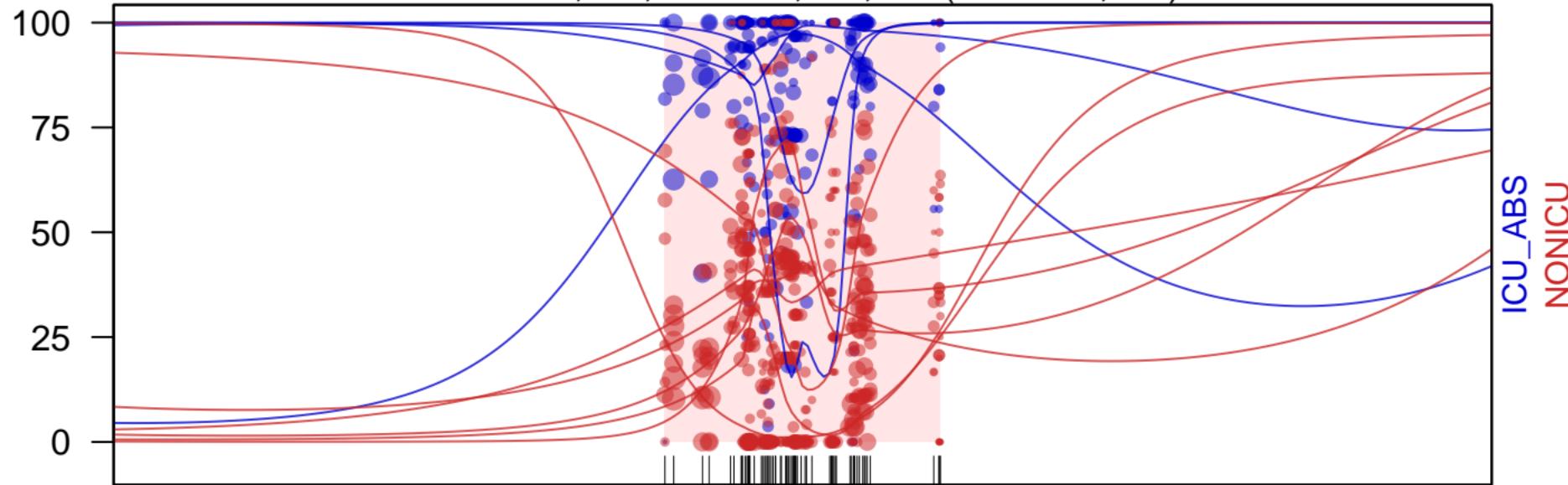
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 39,306,901 – 39,308,434 (width = 1,534)

Methylation



CpGs

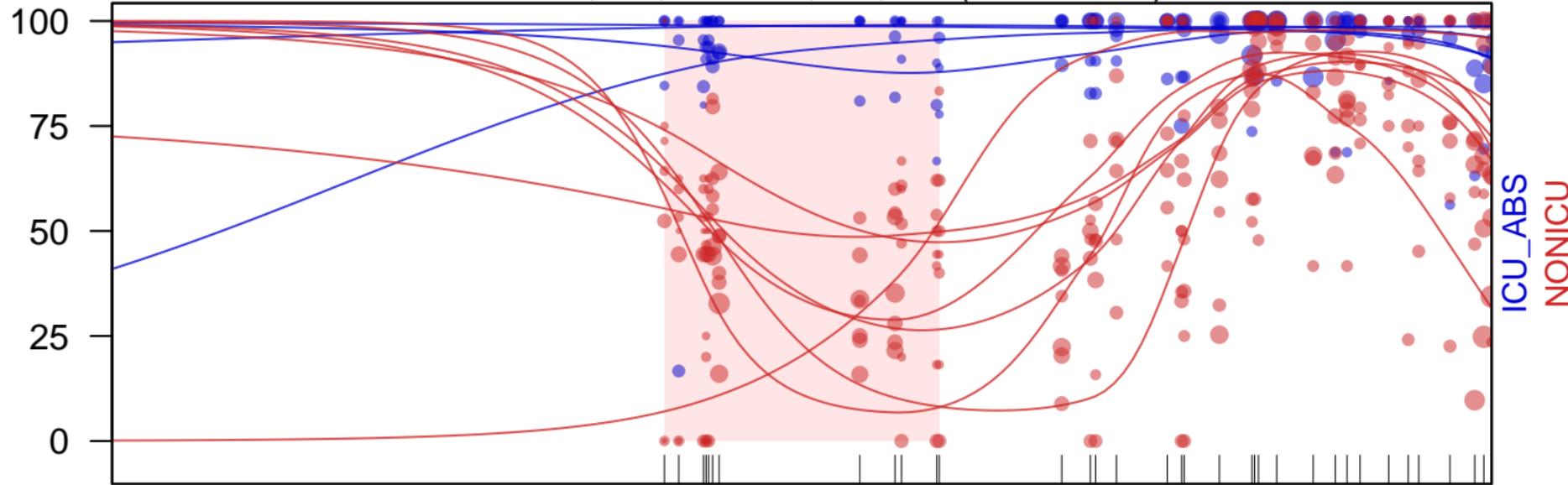


Exons



chr18: 77,087,502 – 77,087,713 (width = 212)

Methylation

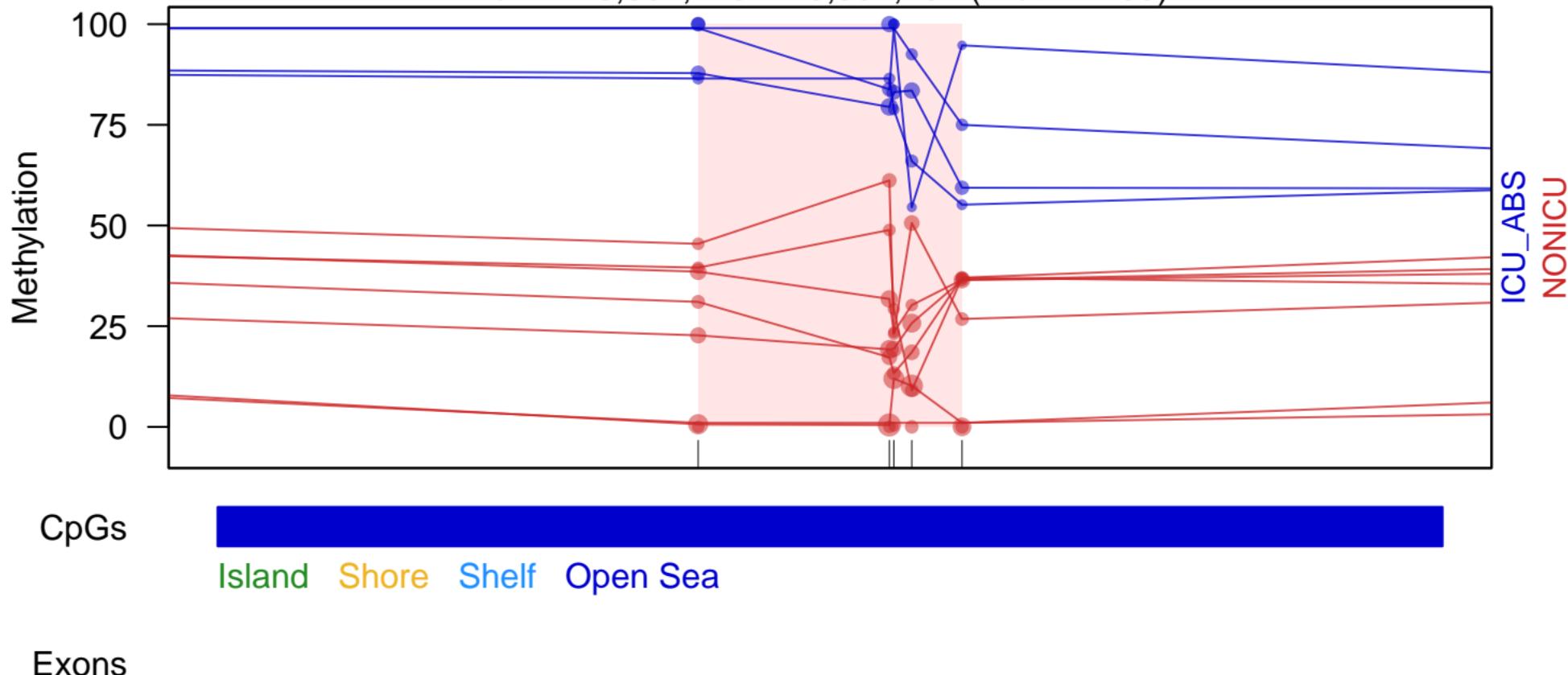


CpGs



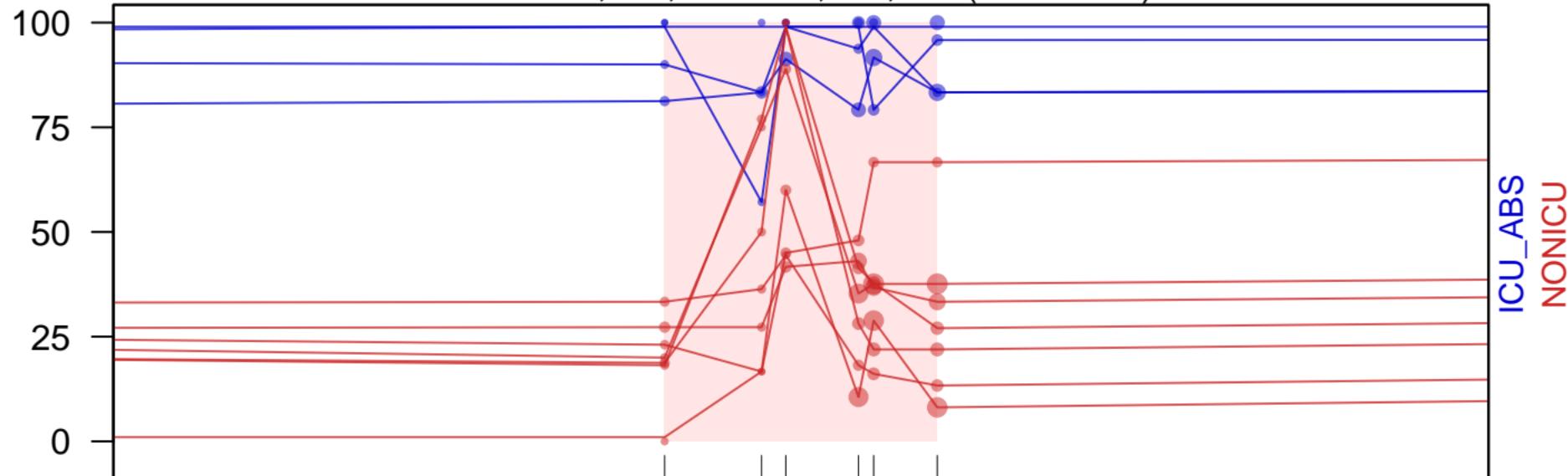
Exons

chr1: 29,802,113 – 29,802,407 (width = 295)



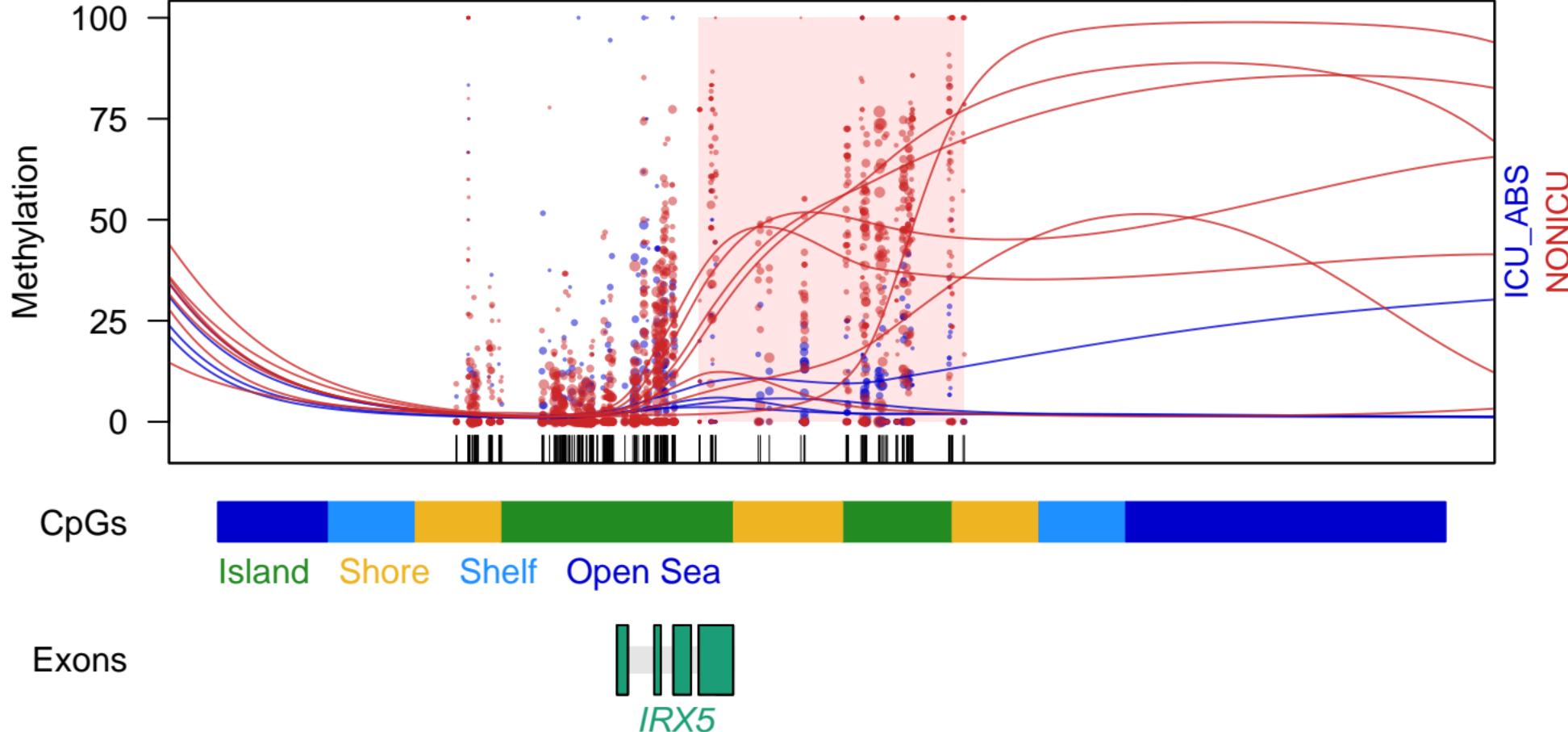
chr15: 60,620,813 – 60,620,903 (width = 91)

Methylation



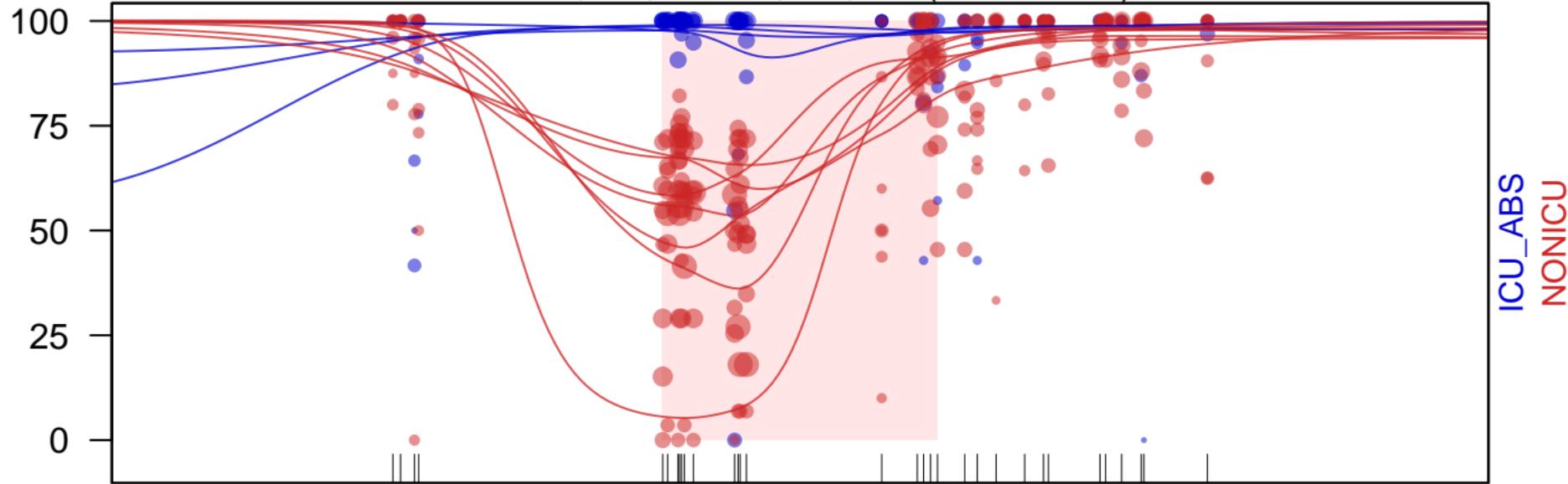
Exons

chr16: 54,933,320 – 54,938,978 (width = 5,659)



chr1: 3,240,946 – 3,241,340 (width = 395)

Methylation



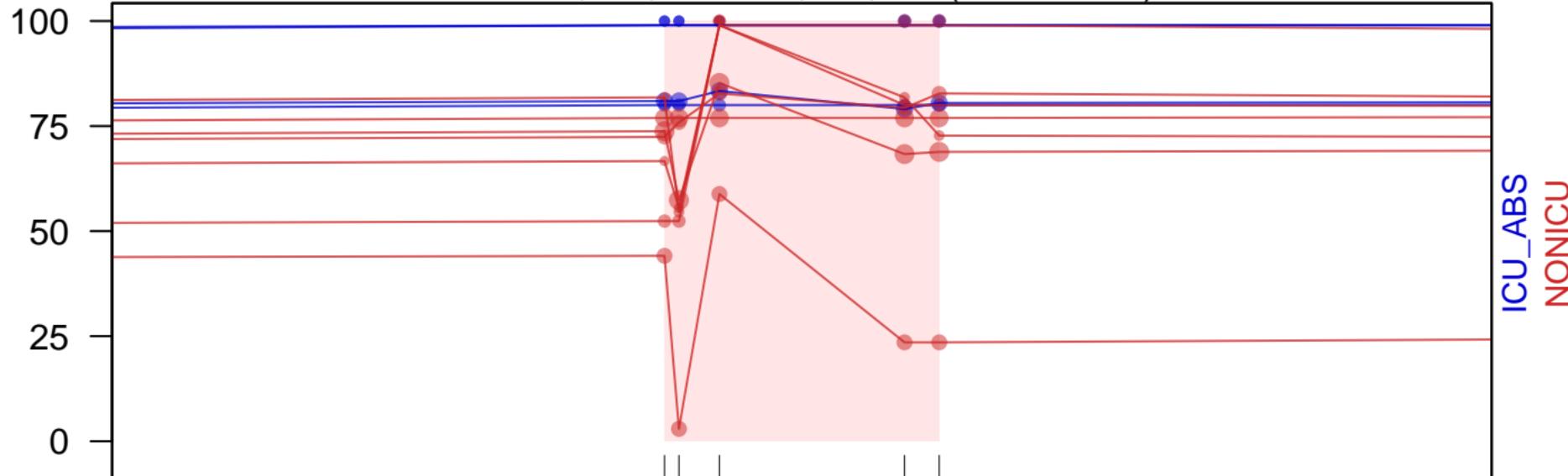
CpGs



Exons

chr7: 69,646,814 – 69,647,004 (width = 191)

Methylation



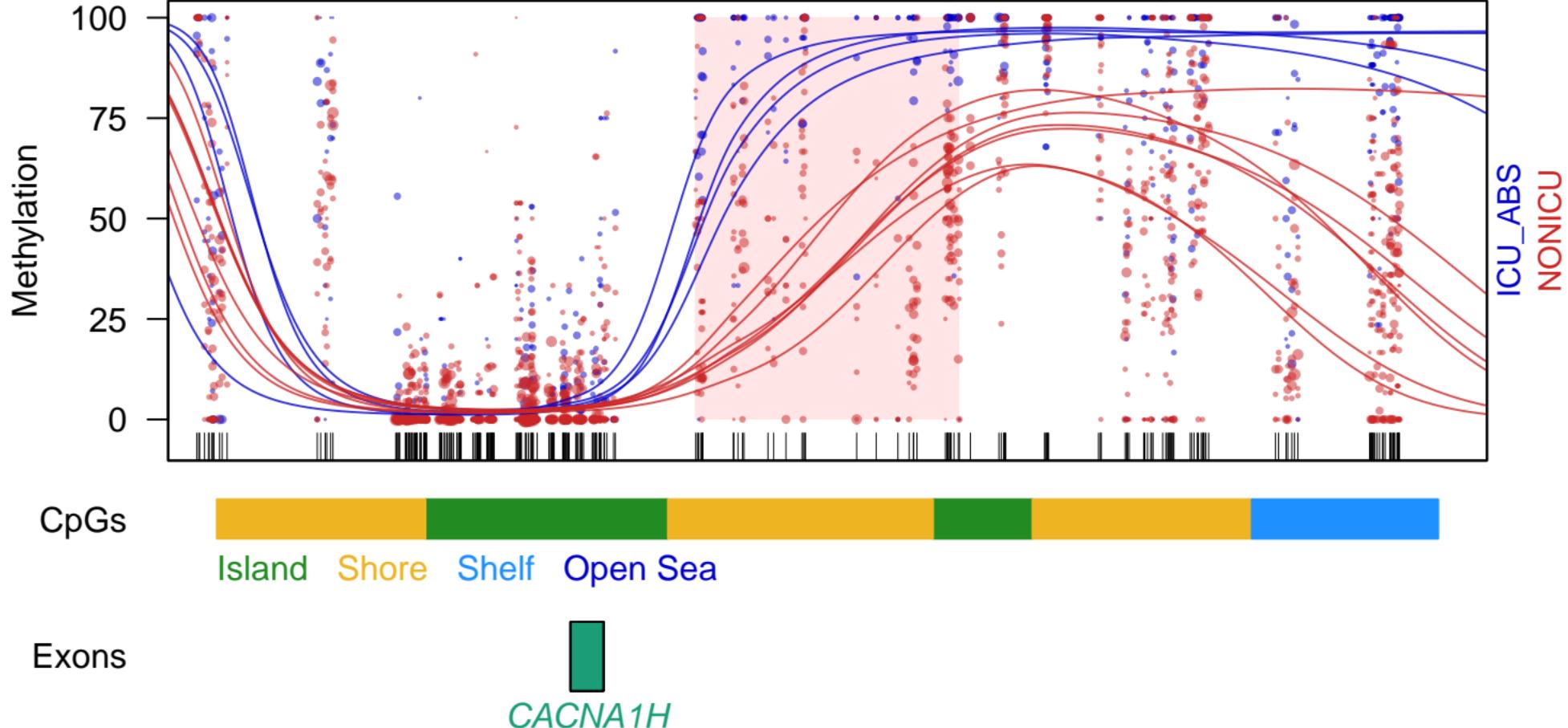
CpGs

Island Shore Shelf Open Sea

Exons

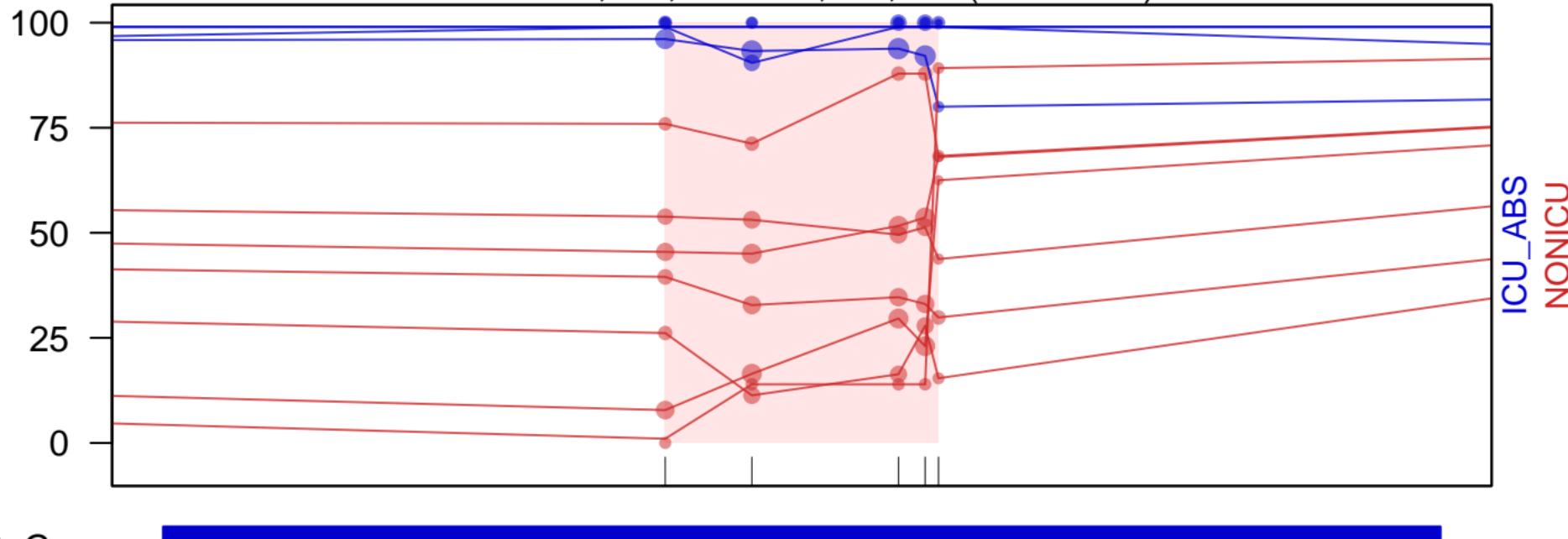
ICU_ABS
NONICU

chr16: 1,154,967 – 1,157,193 (width = 2,227)



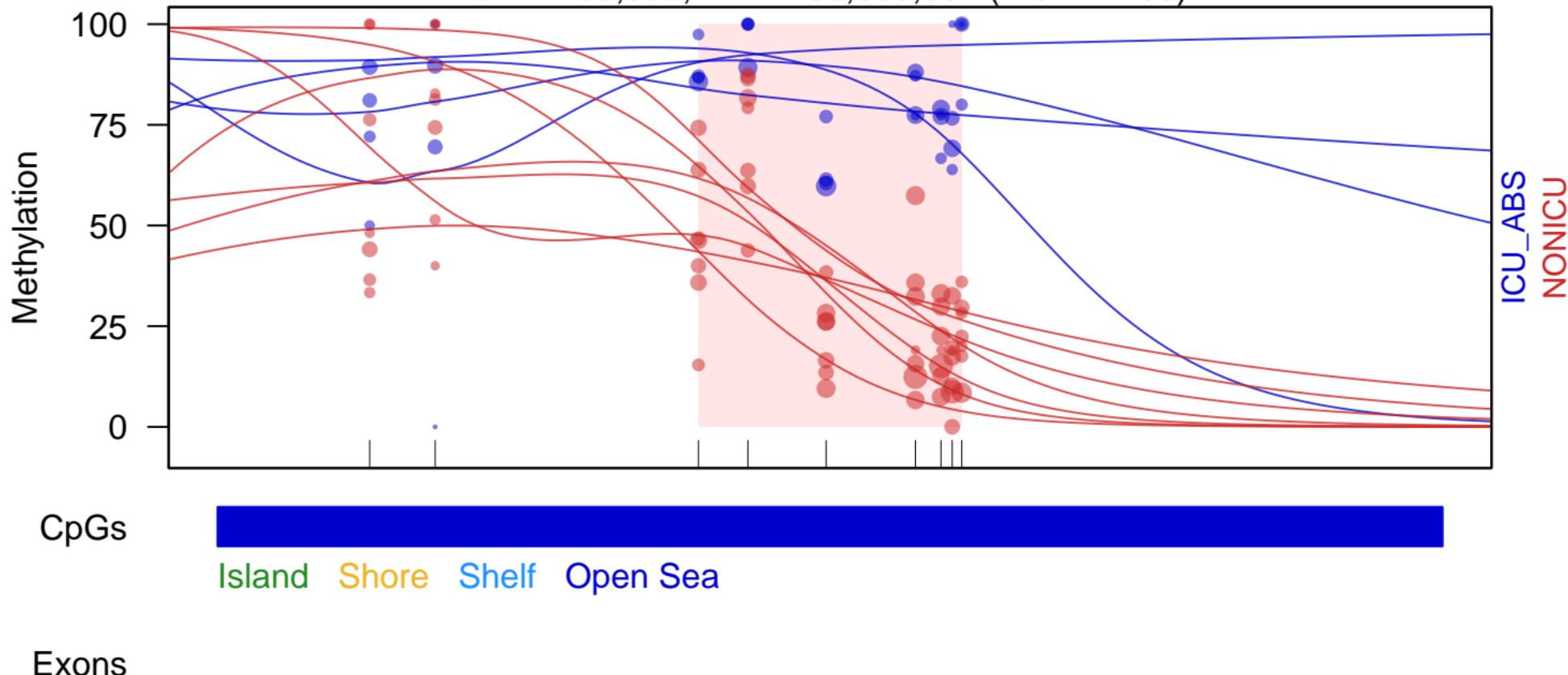
chr17: 82,310,010 – 82,310,092 (width = 83)

Methylation

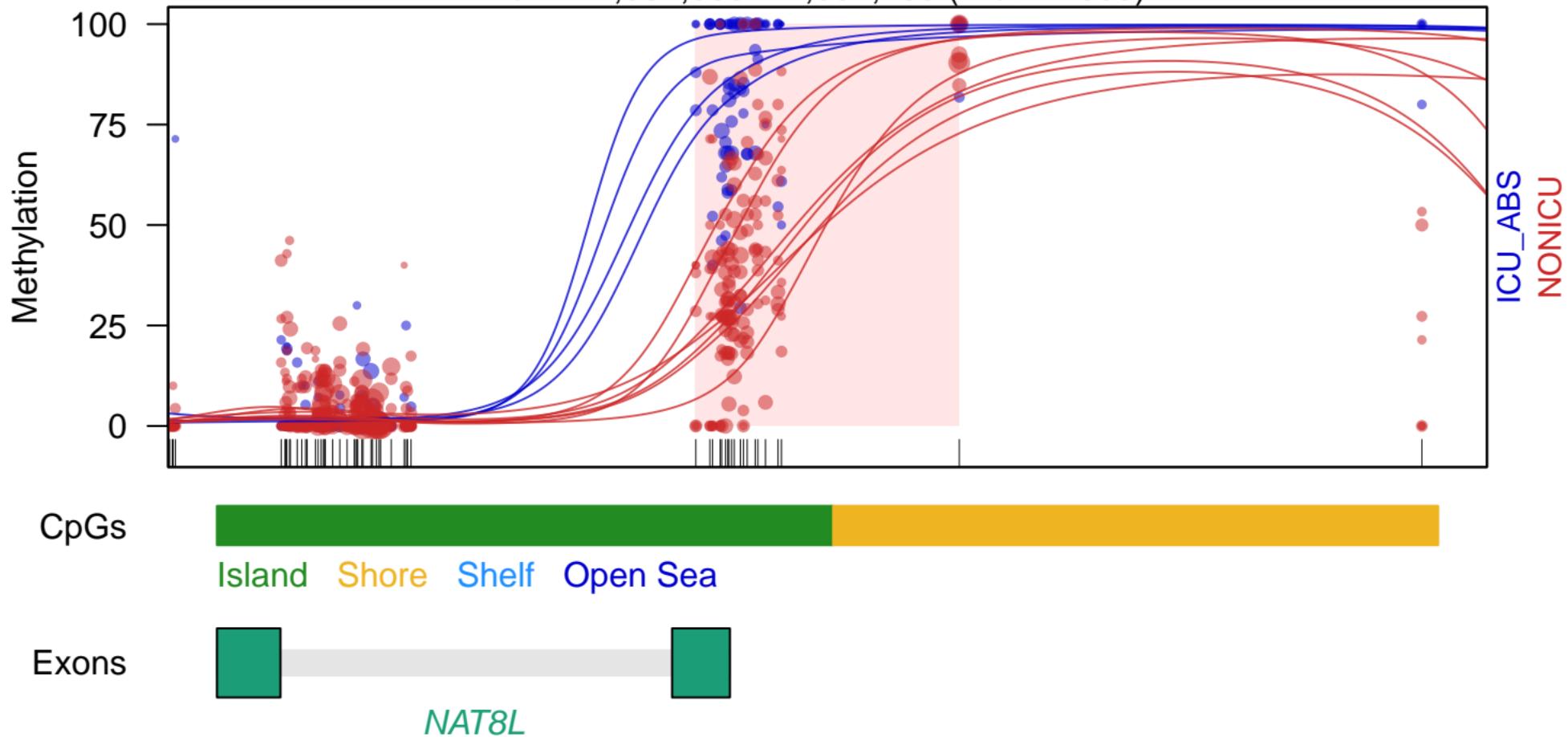


Exons

chr4: 139,633,727 – 139,633,892 (width = 166)

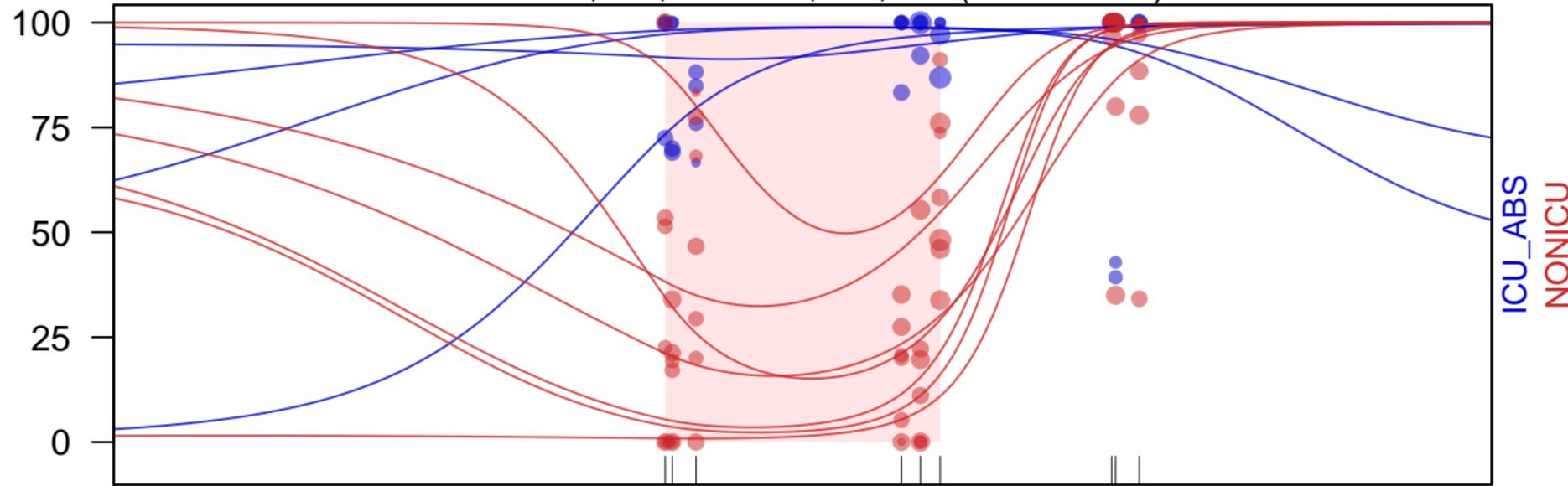


chr4: 2,061,093 – 2,061,785 (width = 693)



chr17: 78,624,740 – 78,625,088 (width = 349)

Methylation



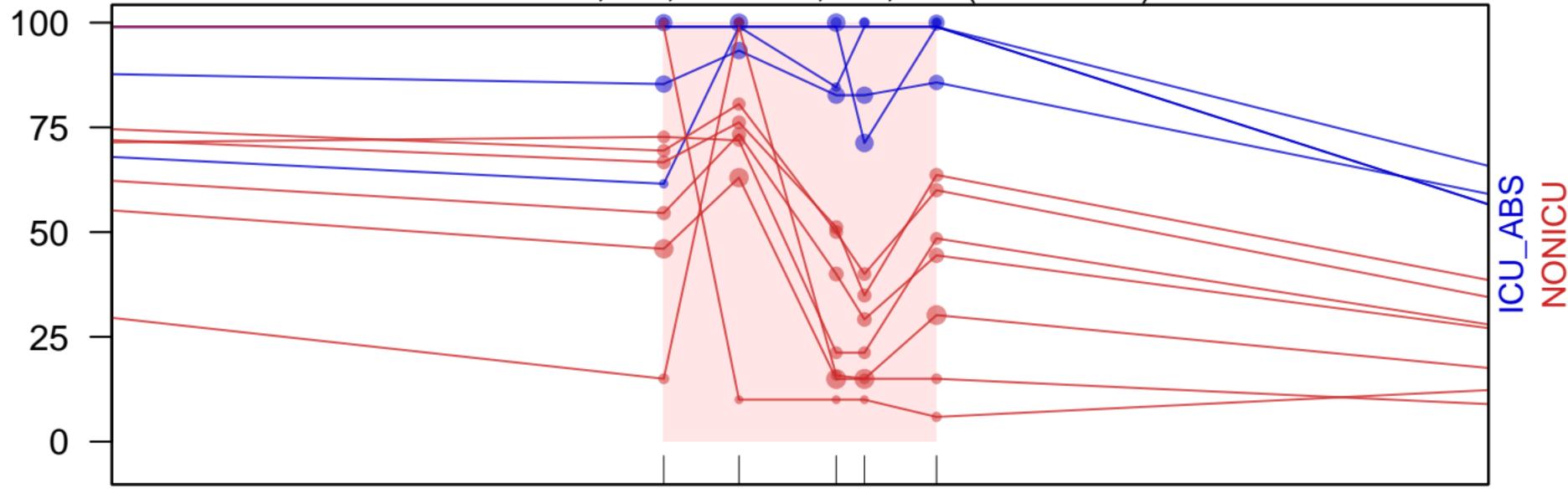
CpGs

Island Shore Shelf Open Sea

Exons

chr19: 57,915,426 – 57,915,513 (width = 88)

Methylation



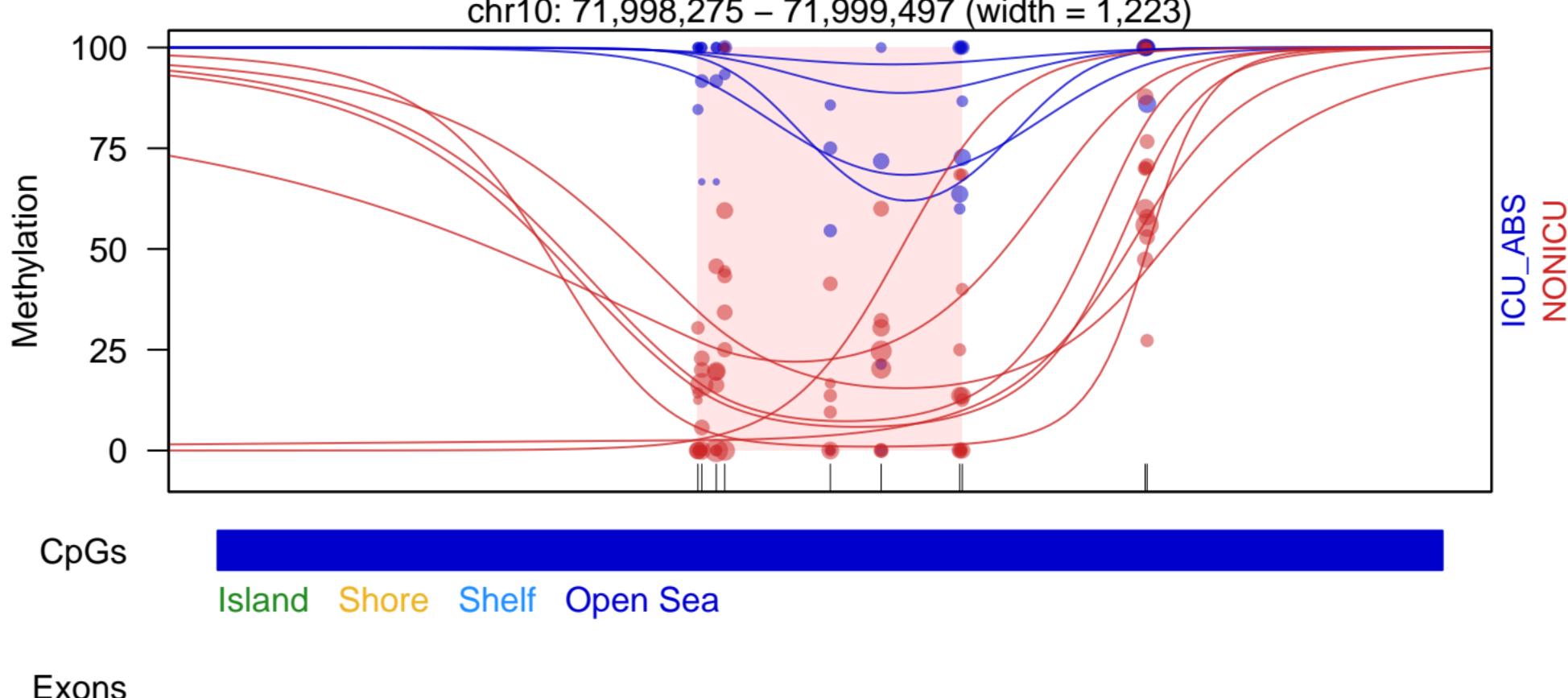
CpGs

Island Shore Shelf Open Sea

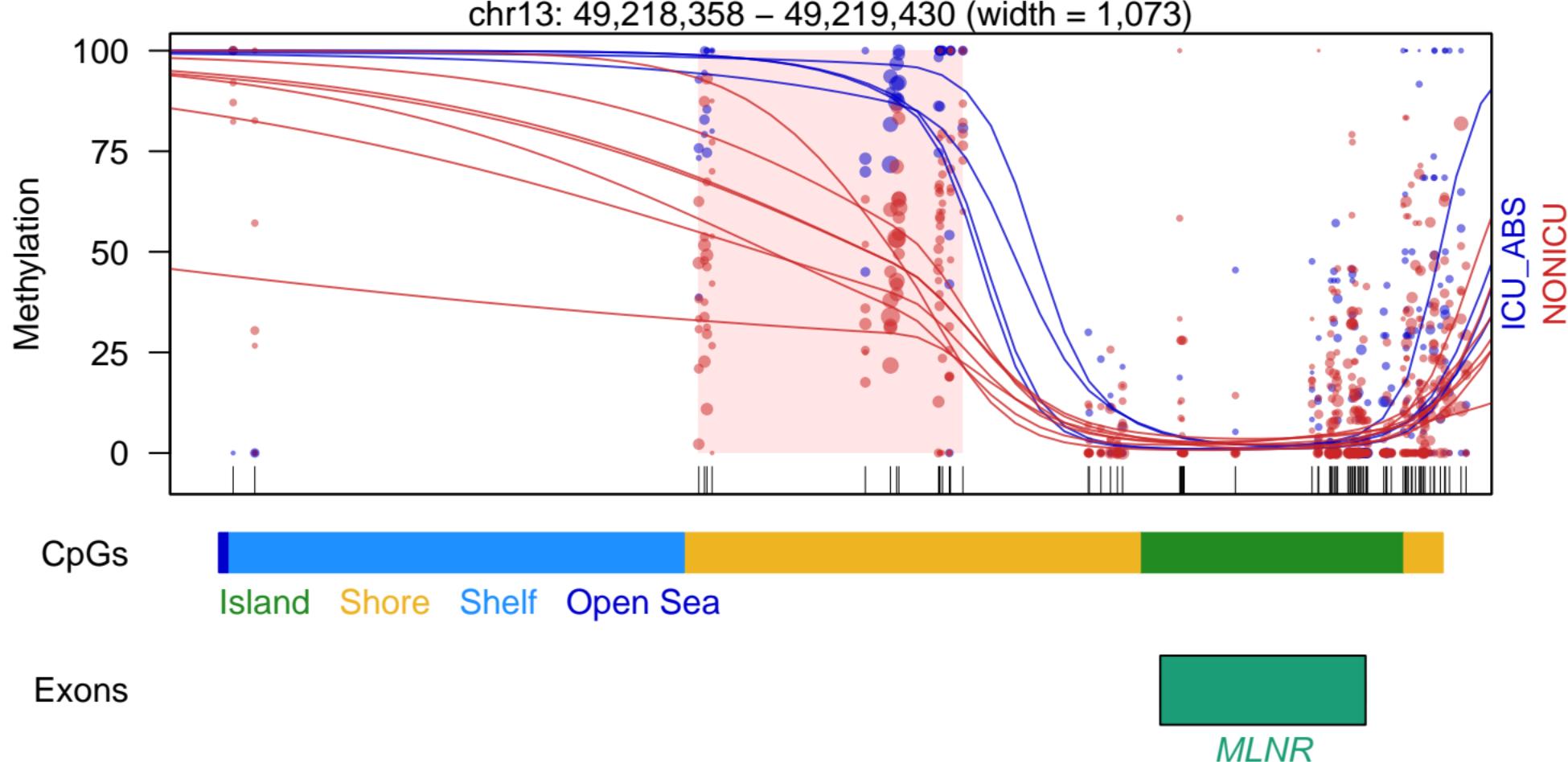
Exons

ICU_ABS
NONICU

chr10: 71,998,275 – 71,999,497 (width = 1,223)

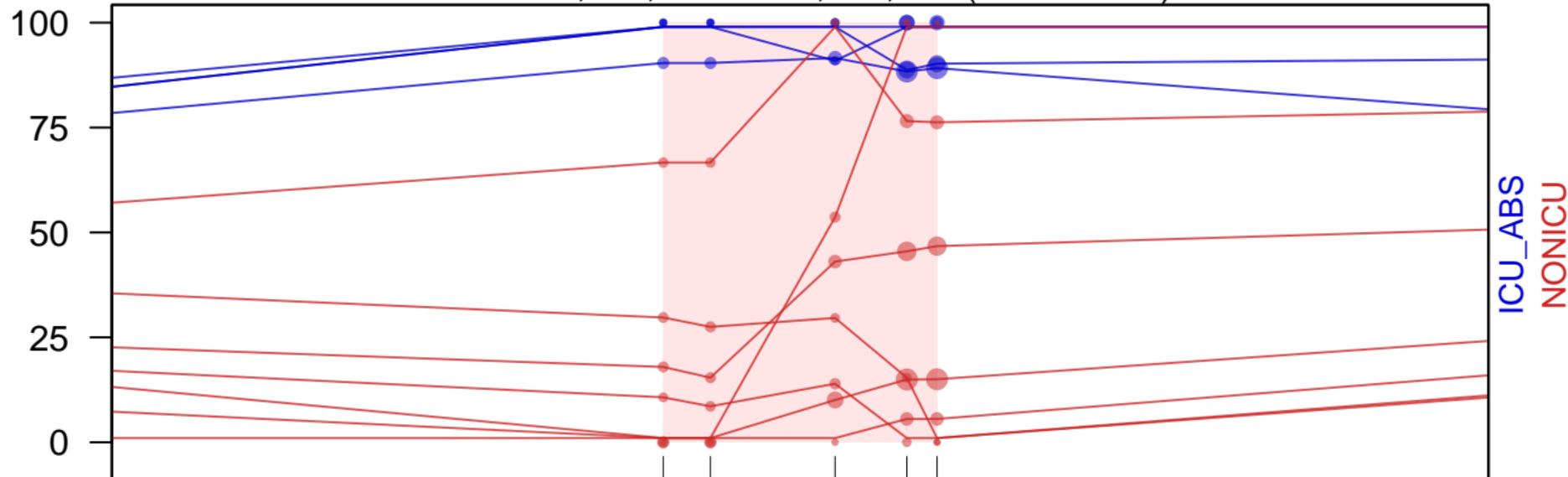


chr13: 49,218,358 – 49,219,430 (width = 1,073)



chr3: 196,672,745 – 196,672,890 (width = 146)

Methylation



CpGs

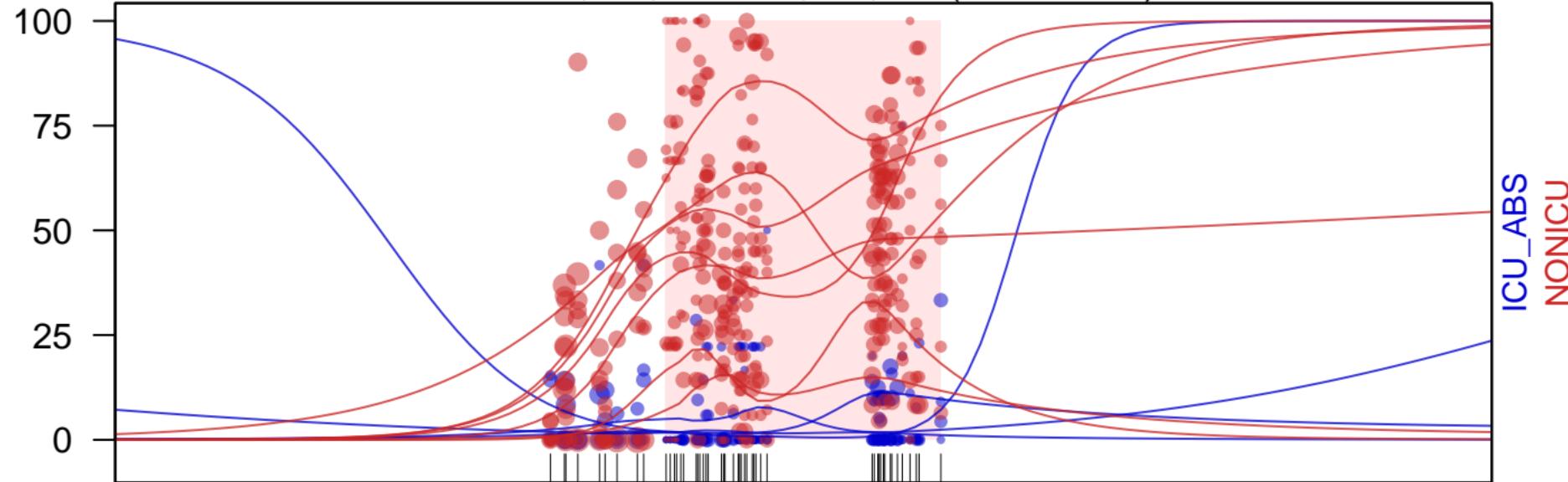
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr6: 42,104,479 – 42,104,871 (width = 393)

Methylation



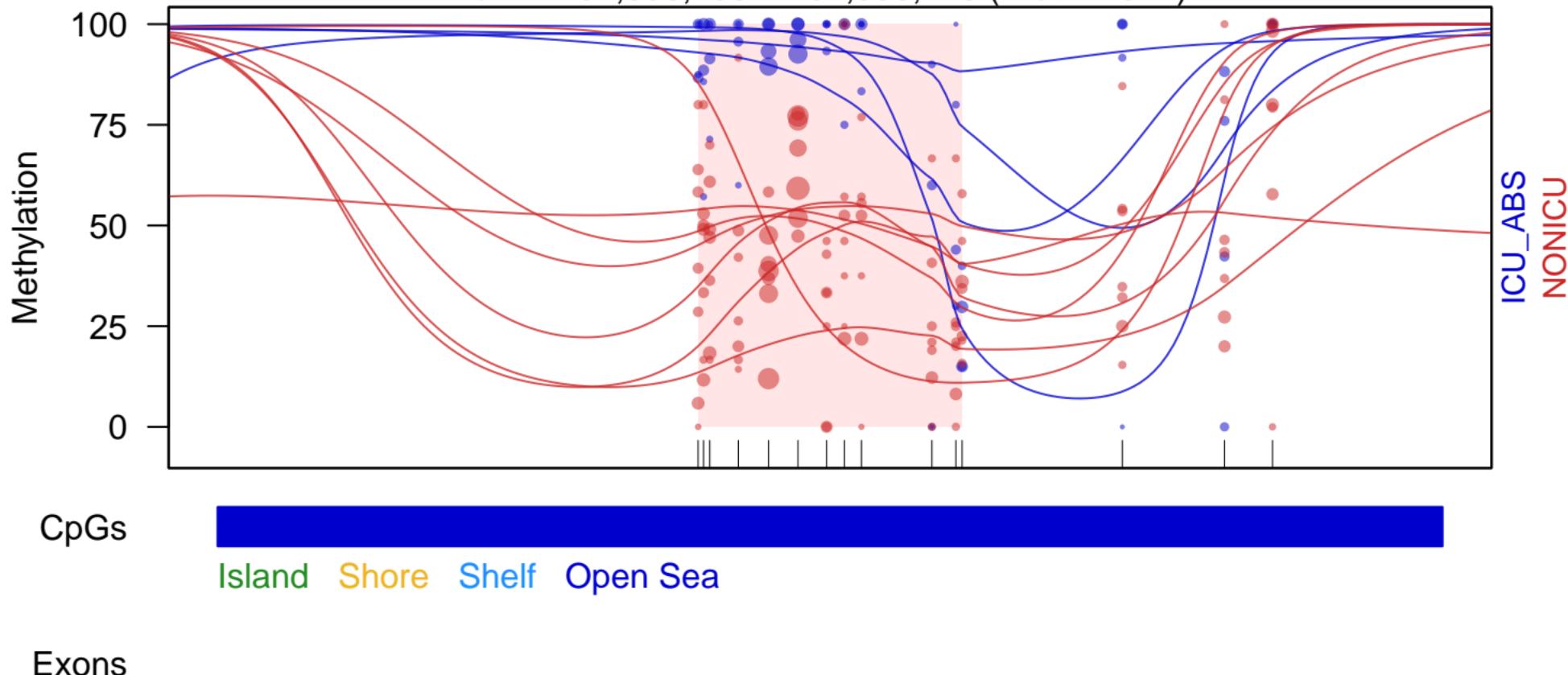
CpGs



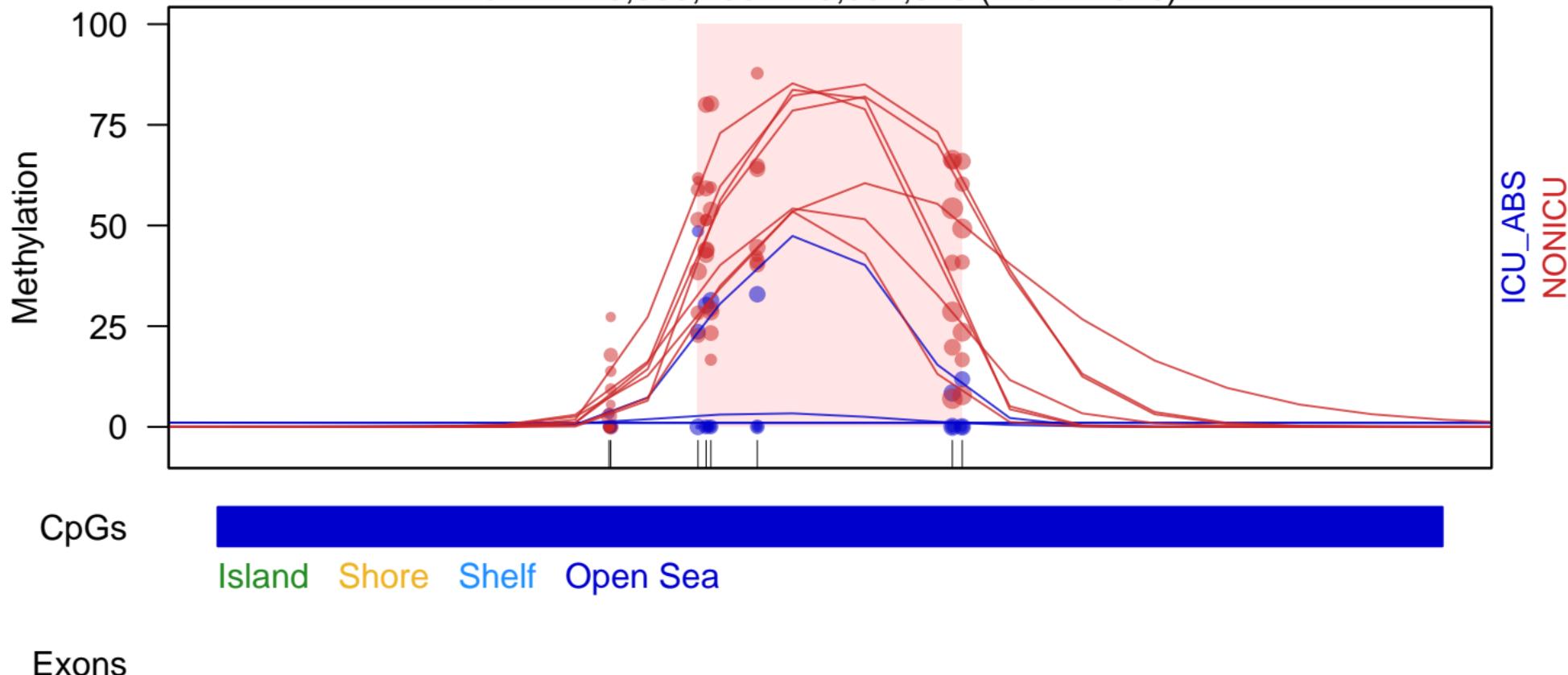
Exons



chr7: 101,936,438 – 101,936,779 (width = 342)

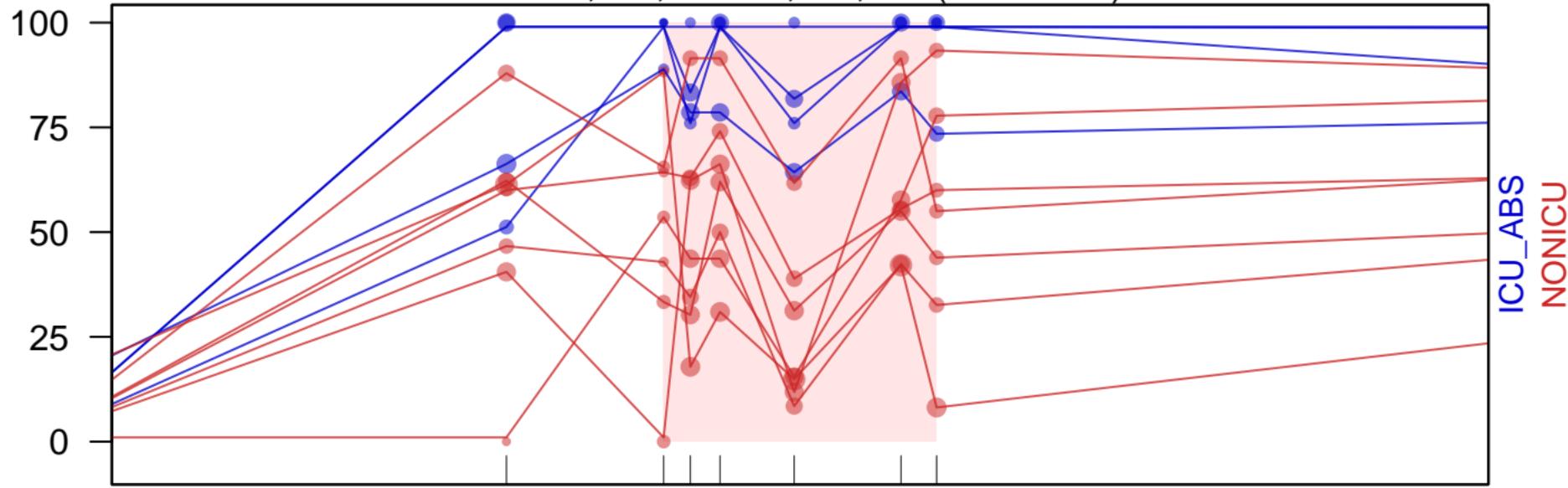


chr14: 75,333,758 – 75,334,373 (width = 616)



chr6: 1,524,436 – 1,524,528 (width = 93)

Methylation



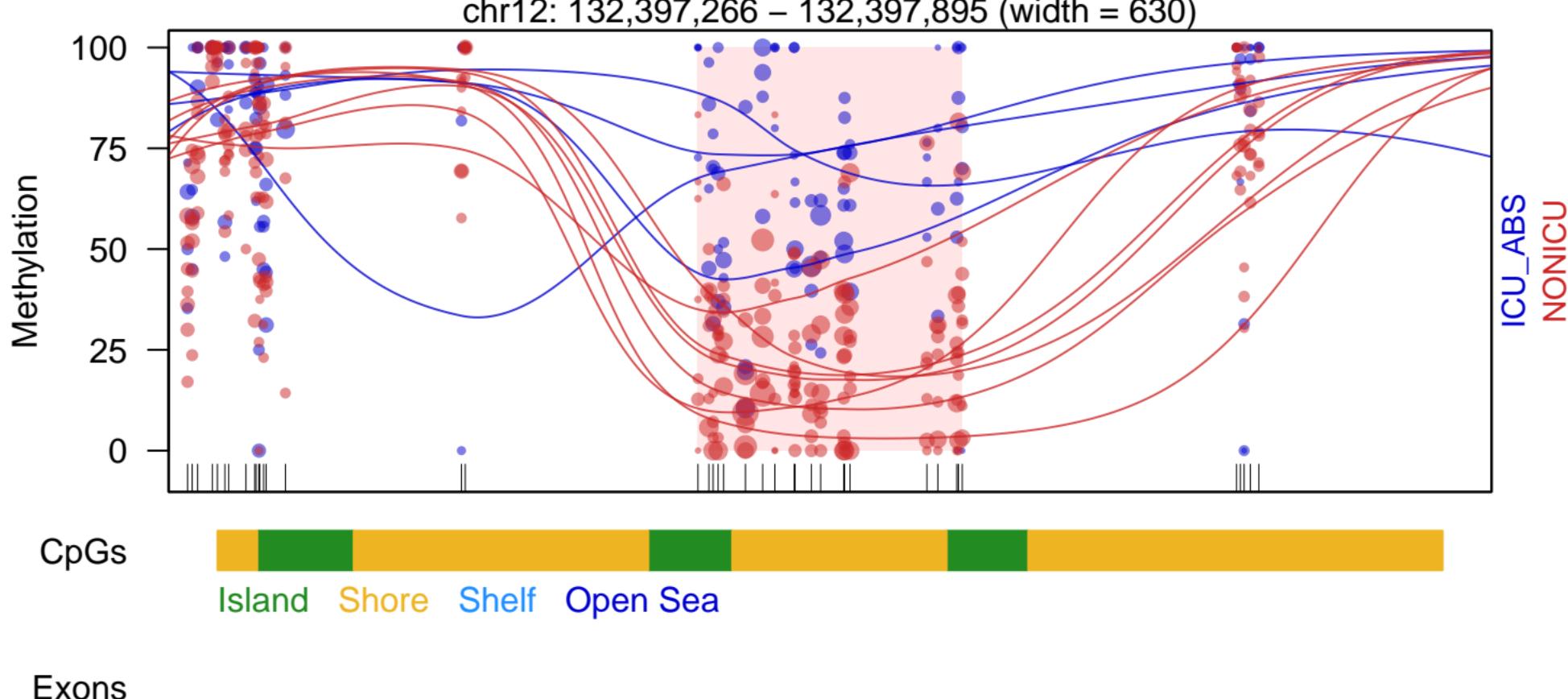
CpGs



Island Shore Shelf Open Sea

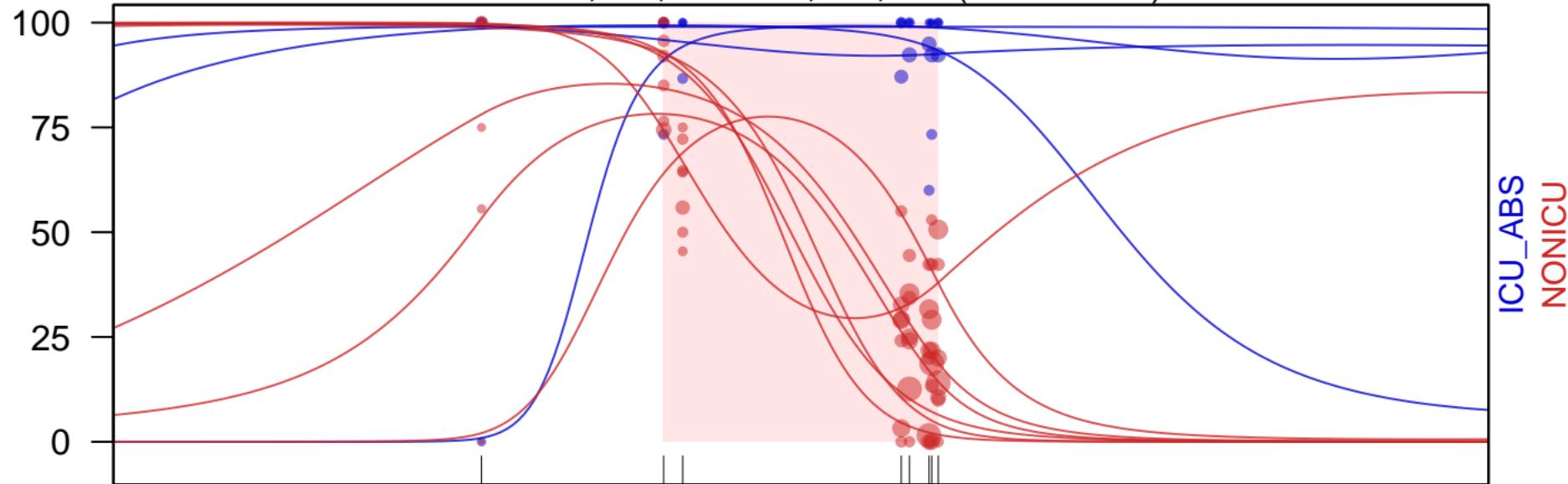
Exons

chr12: 132,397,266 – 132,397,895 (width = 630)



chr16: 57,759,311 – 57,759,816 (width = 506)

Methylation



CpGs



Exons



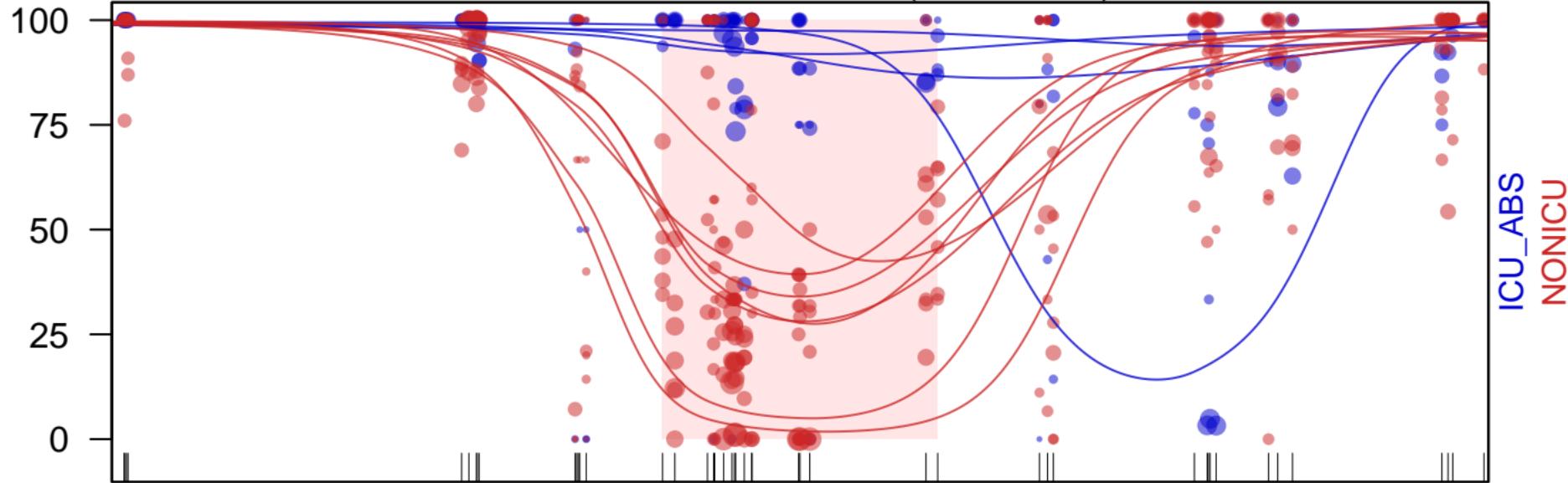
|

KIFC3



chr16: 554,686 – 555,673 (width = 988)

Methylation



CpGs

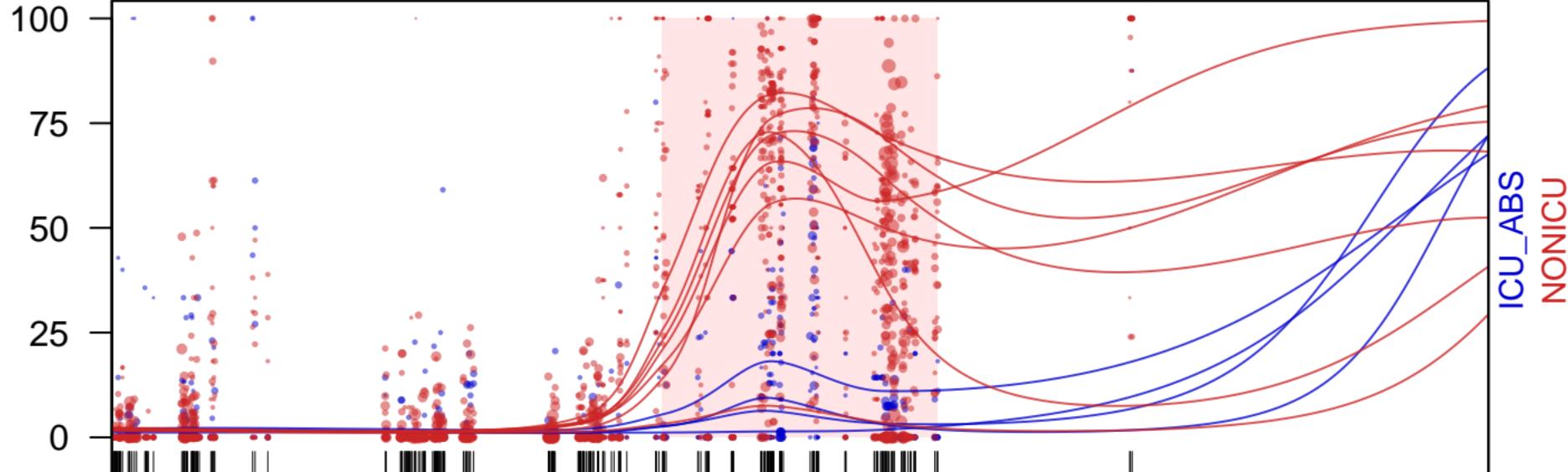


Exons



chr17: 2,056,528 – 2,059,501 (width = 2,974)

Methylation



CpGs

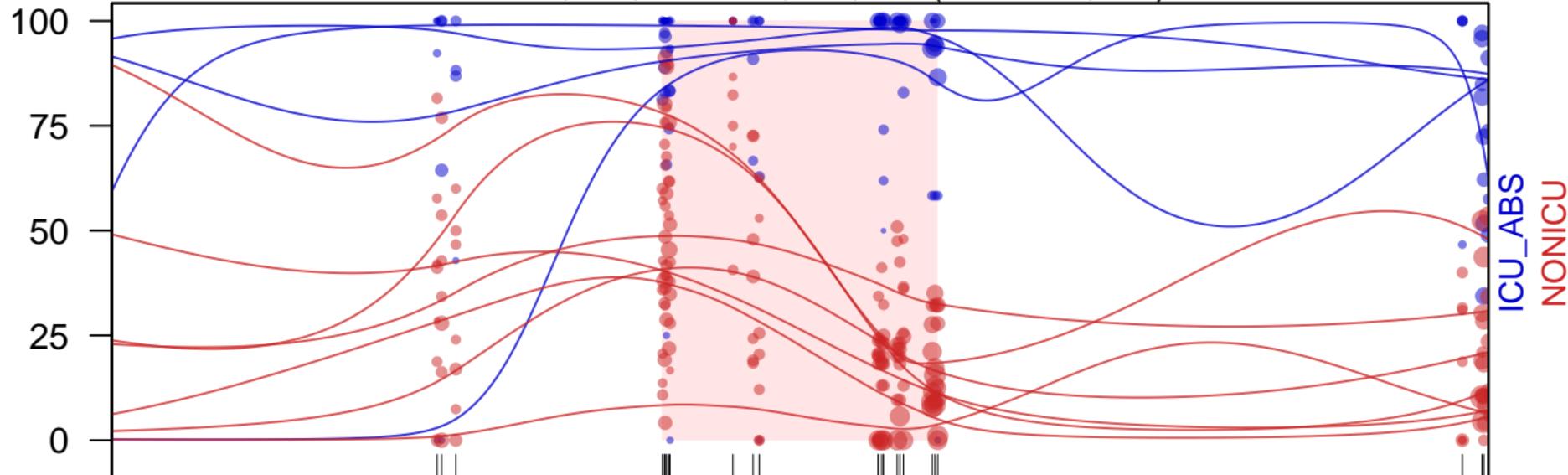


Exons



chr1: 10,773,499 – 10,775,474 (width = 1,976)

Methylation



CpGs

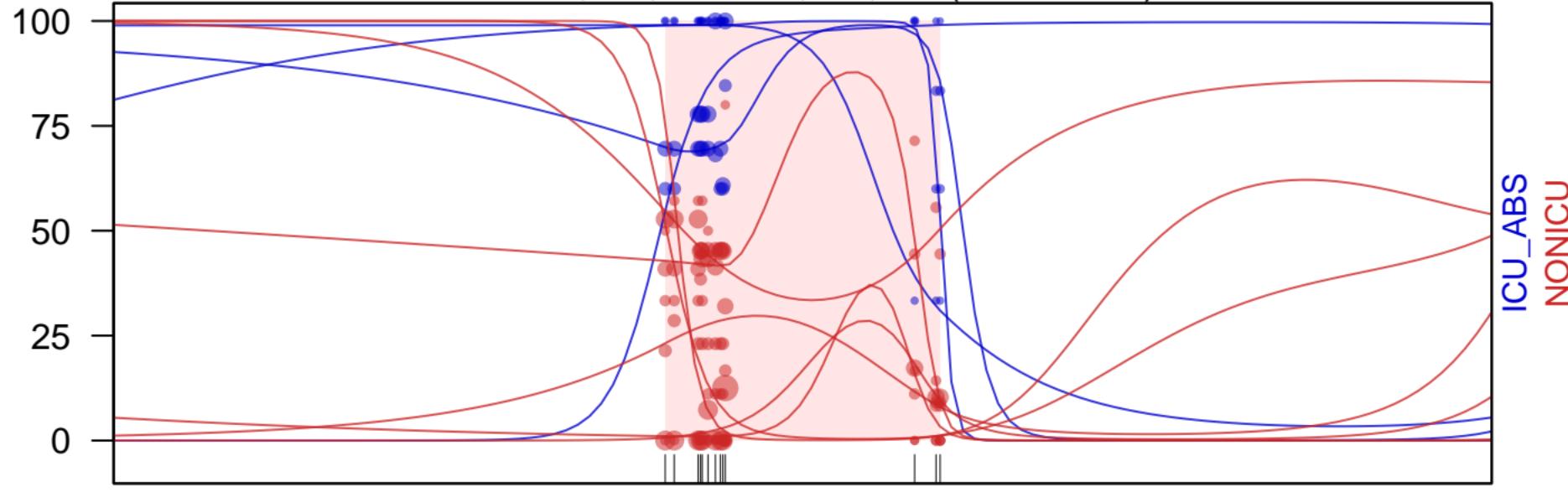
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr6: 35,318,201 – 35,318,535 (width = 335)

Methylation



CpGs

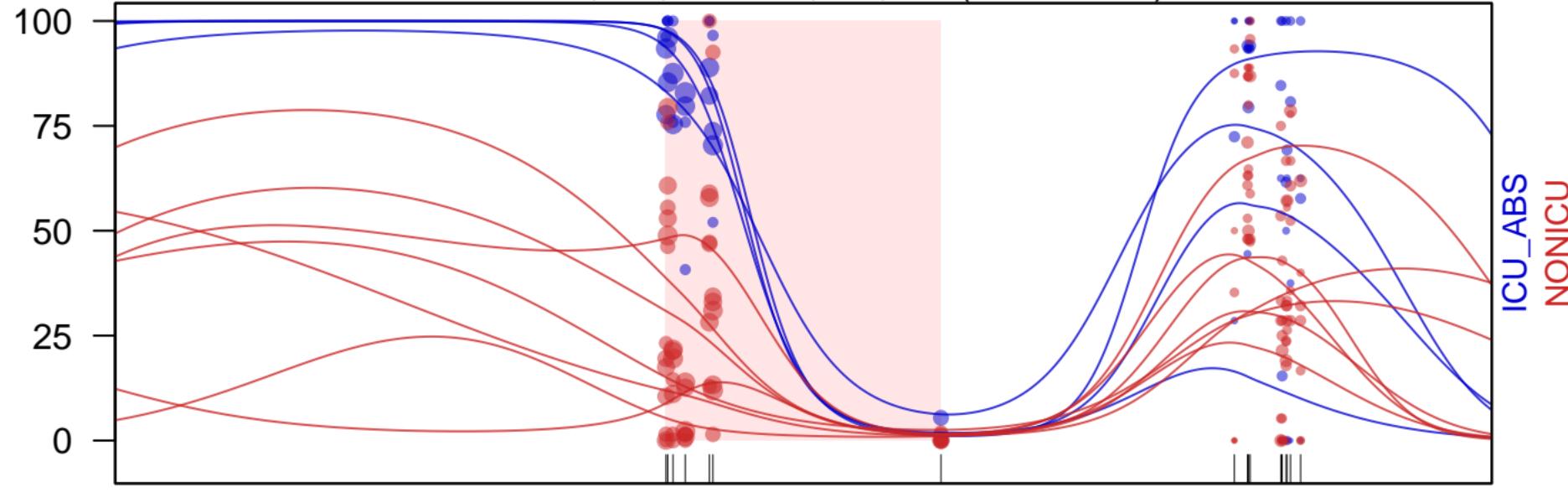


Exons



chr17: 78,139,611 – 78,140,238 (width = 628)

Methylation



CpGs



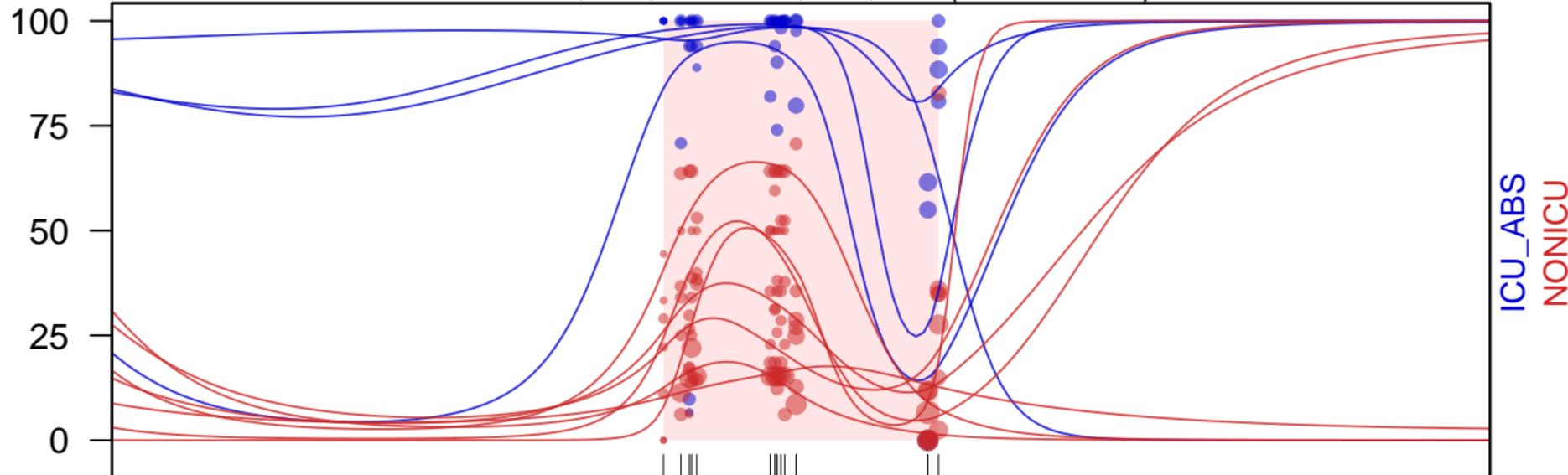
Exons



TMC8

chr2: 23,616,817 – 23,617,180 (width = 364)

Methylation



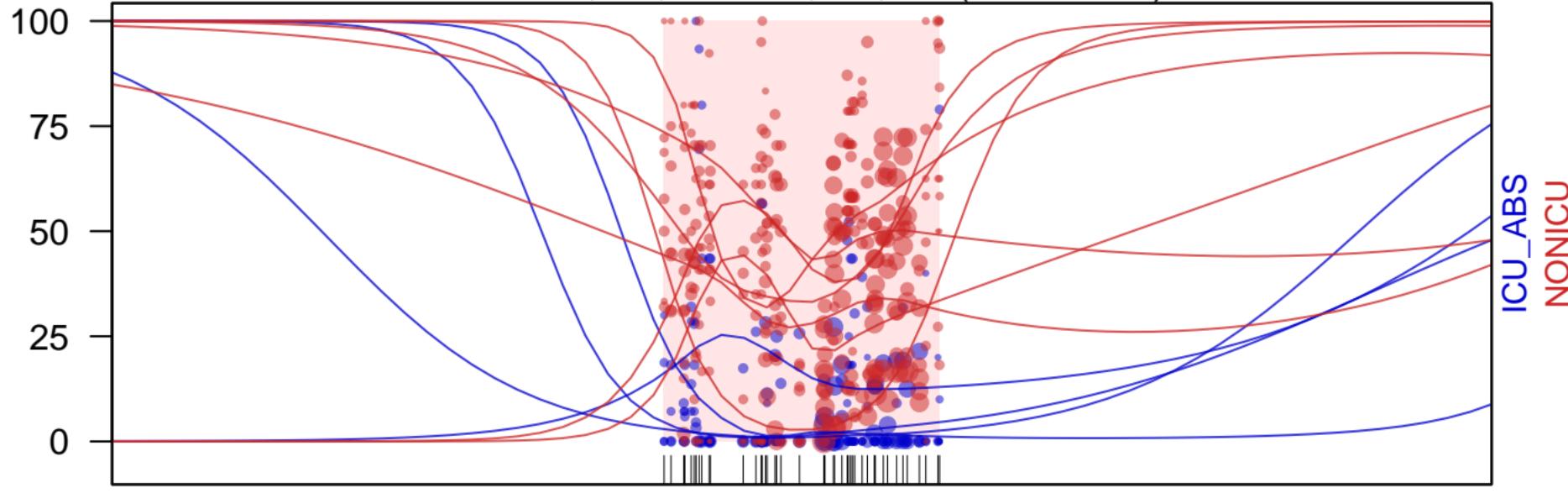
CpGs

Island Shore Shelf Open Sea

Exons

chr13: 20,301,431 – 20,301,950 (width = 520)

Methylation



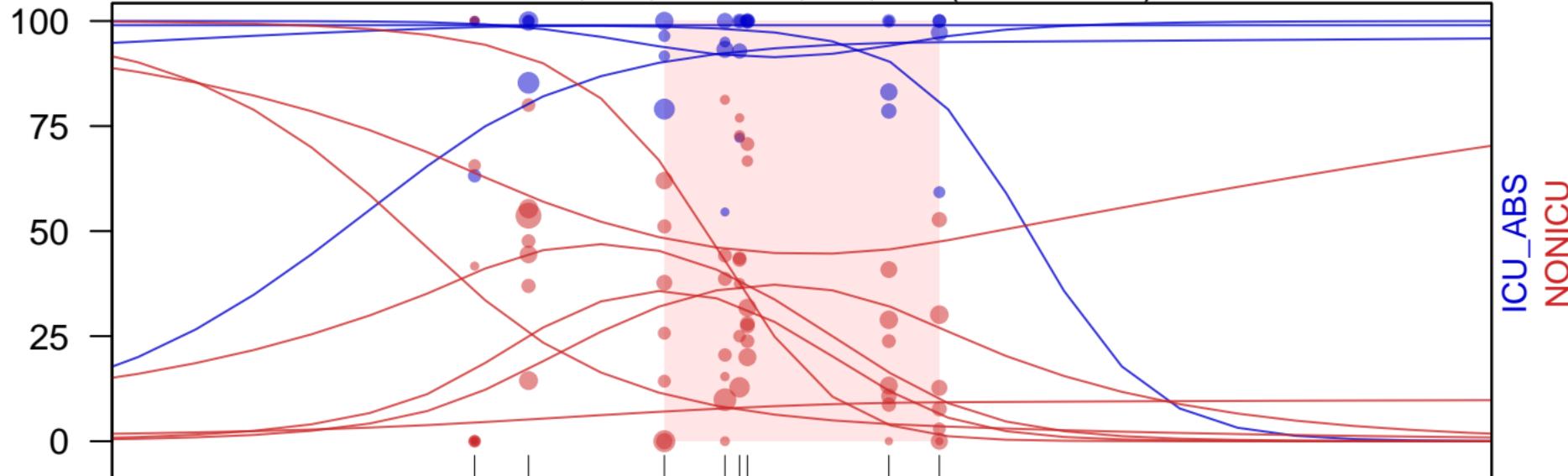
CpGs



Exons

chr6: 38,177,104 – 38,177,349 (width = 246)

Methylation



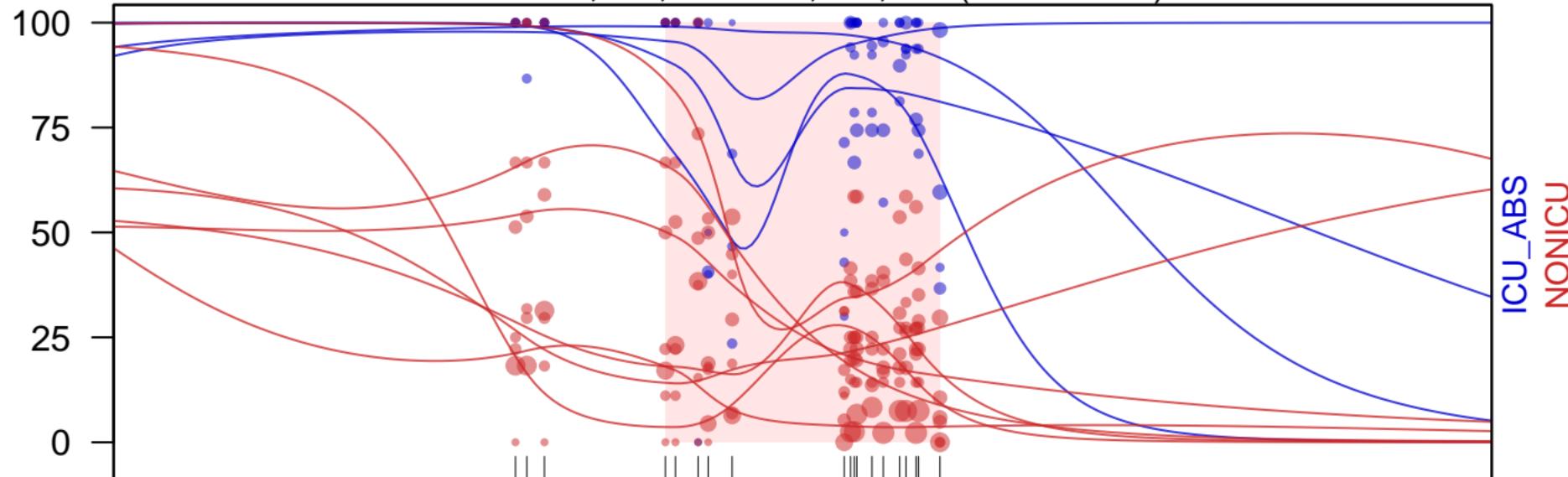
CpGs

Island Shore Shelf Open Sea

Exons

chr17: 42,672,170 – 42,672,388 (width = 219)

Methylation



CpGs

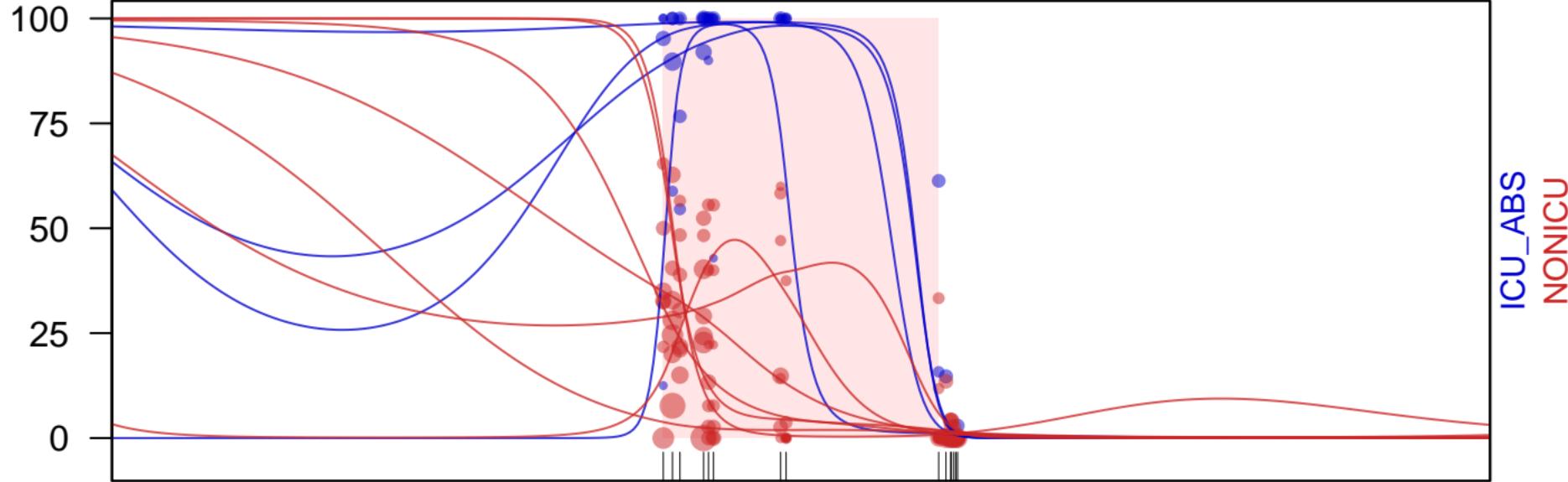
Island Shore Shelf Open Sea

Exons

PLEKHH3

chr15: 40,103,636 – 40,104,892 (width = 1,257)

Methylation



CpGs

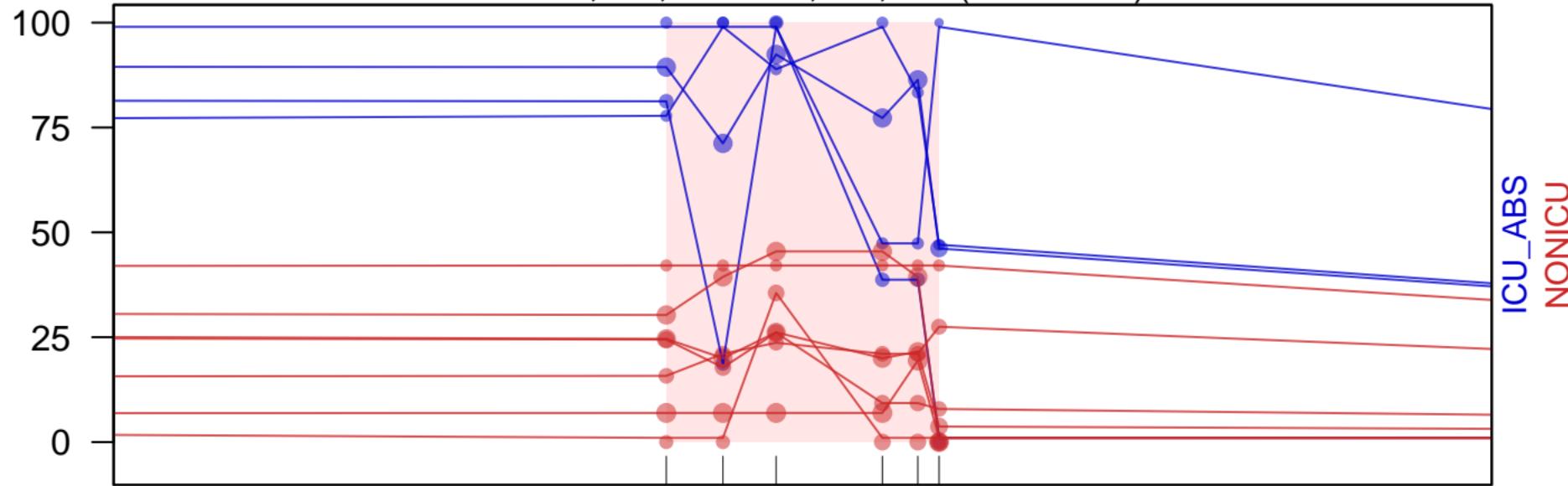


Exons



chr9: 69,120,425 – 69,120,502 (width = 78)

Methylation

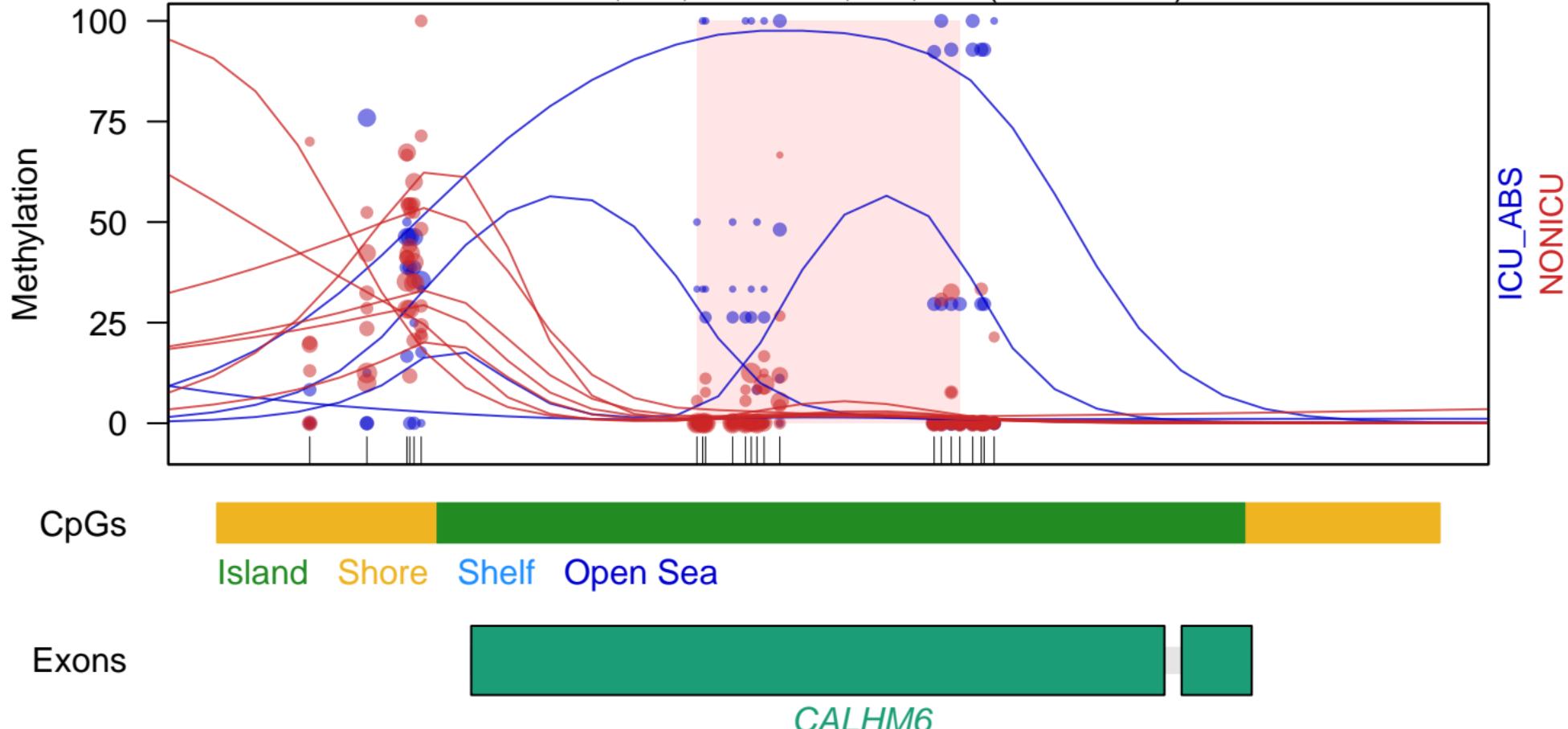


CpGs

Island Shore Shelf Open Sea

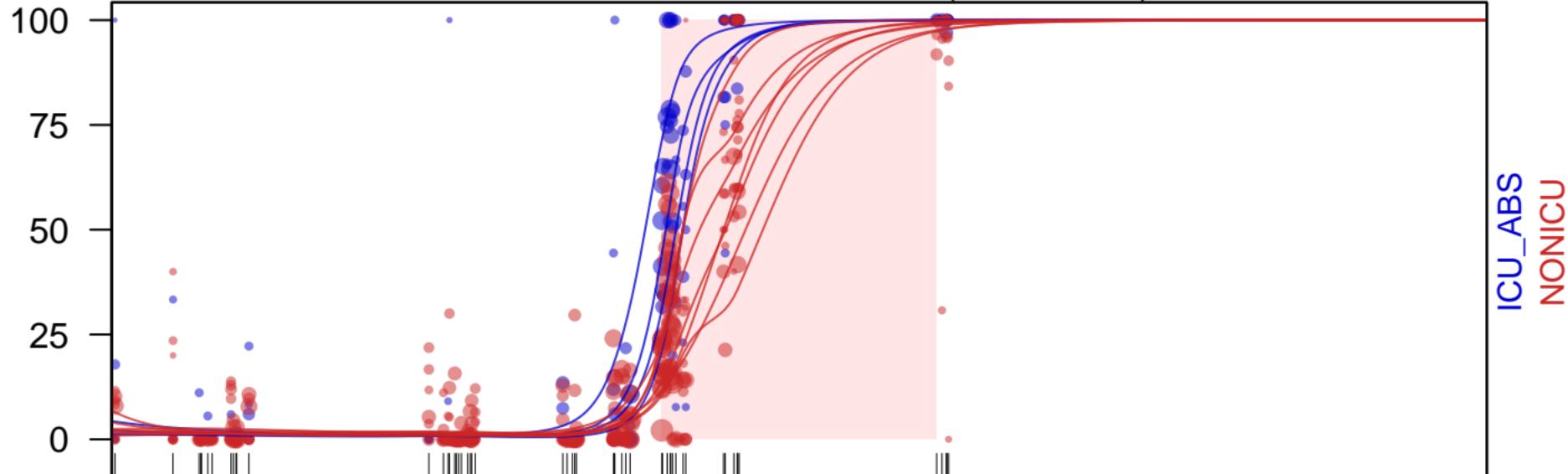
Exons

chr6: 116,462,108 – 116,462,292 (width = 185)



chr2: 47,784,523 – 47,785,352 (width = 830)

Methylation



CpGs

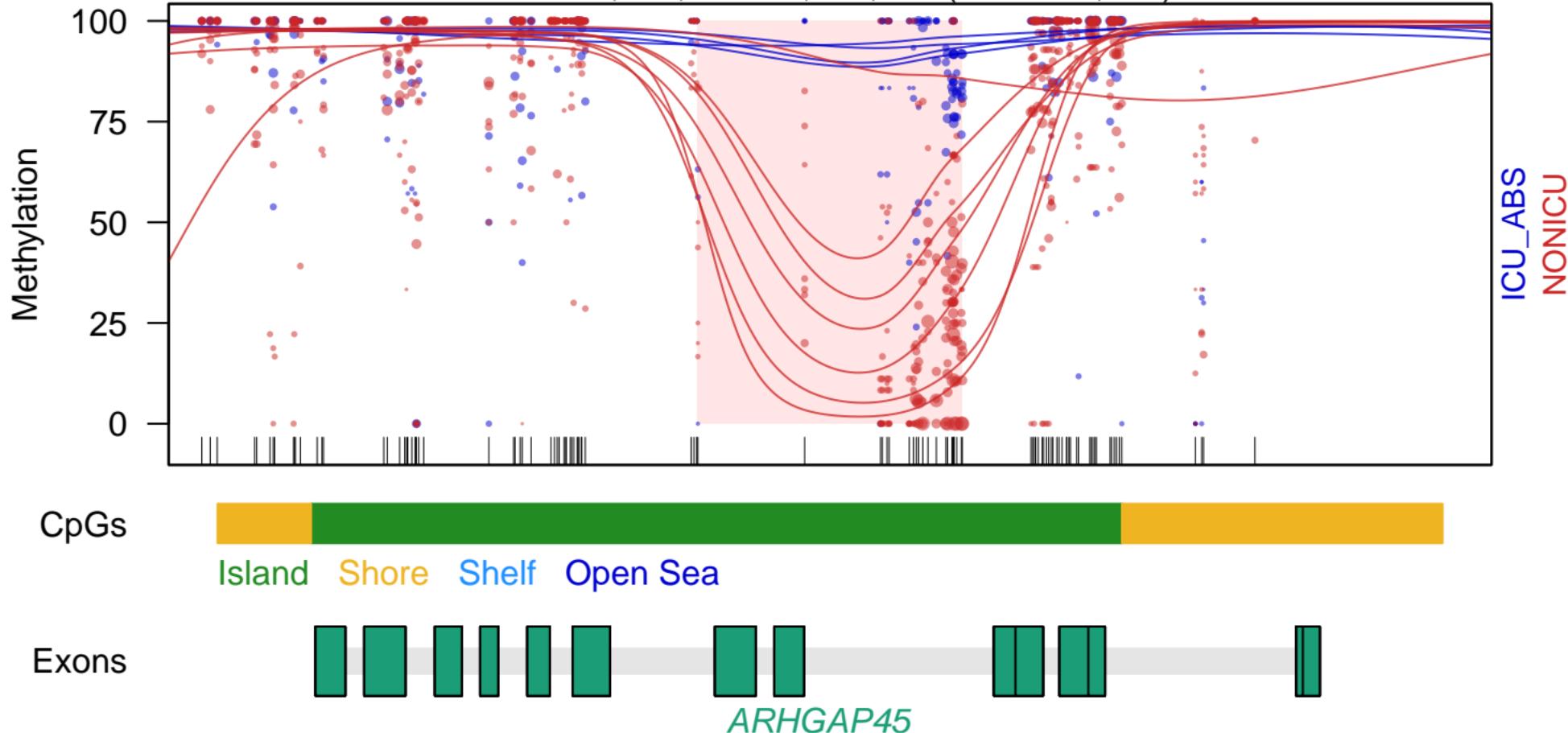


Exons



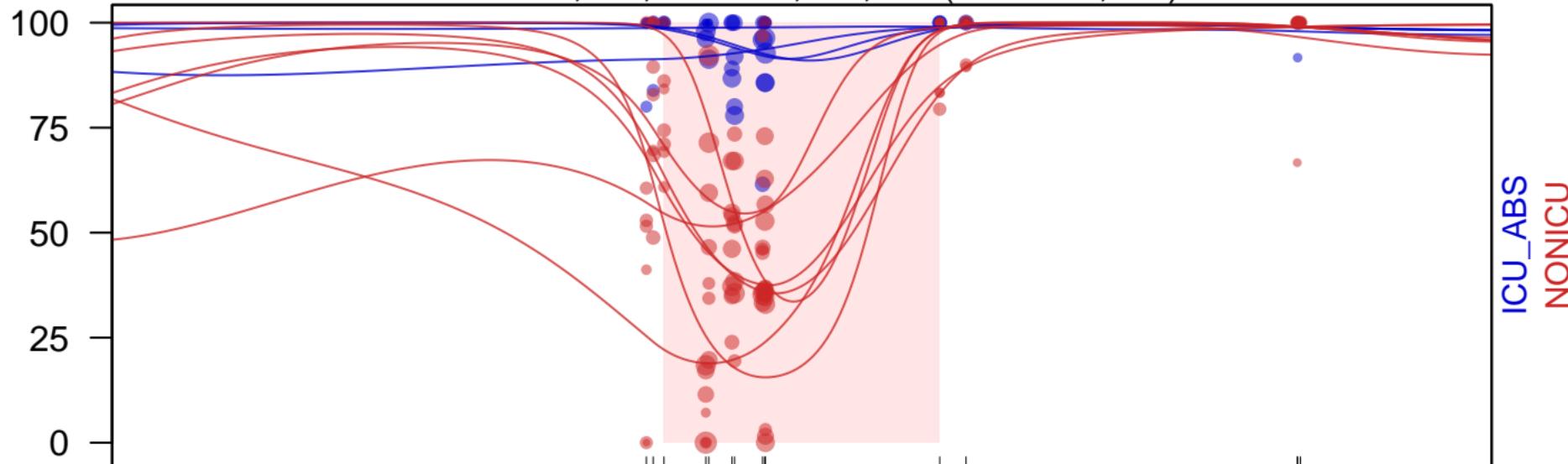
MSH6

chr19: 1,081,516 – 1,082,648 (width = 1,133)



chr16: 30,114,738 – 30,116,195 (width = 1,458)

Methylation



CpGs

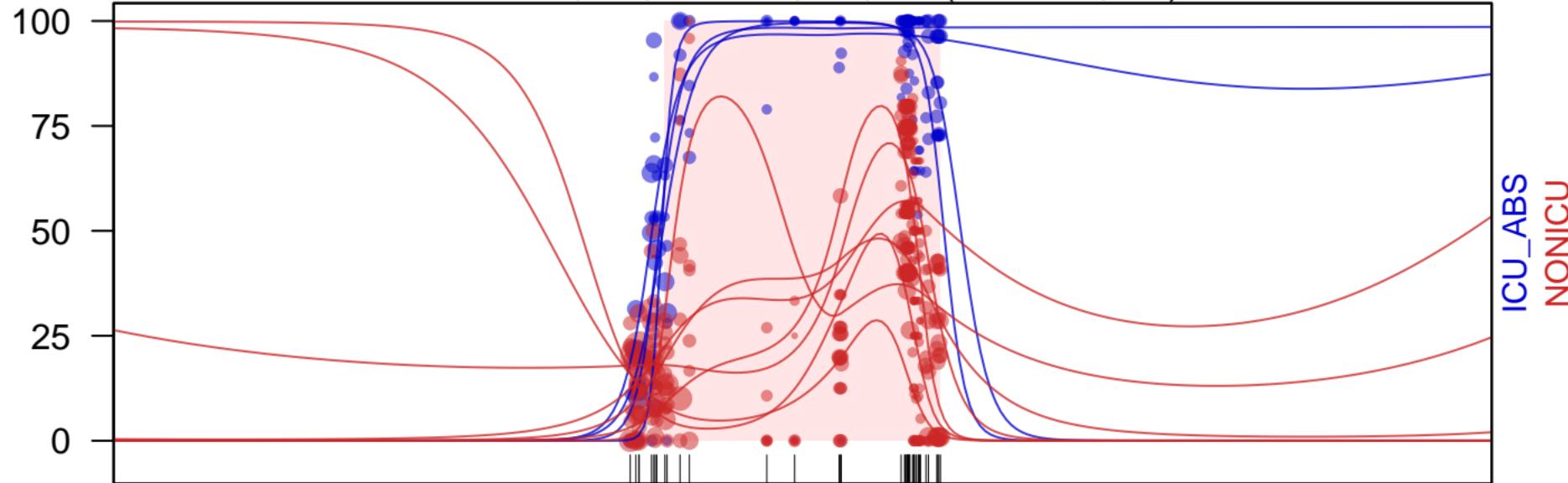


Exons



chr10: 48,465,530 – 48,466,847 (width = 1,318)

Methylation



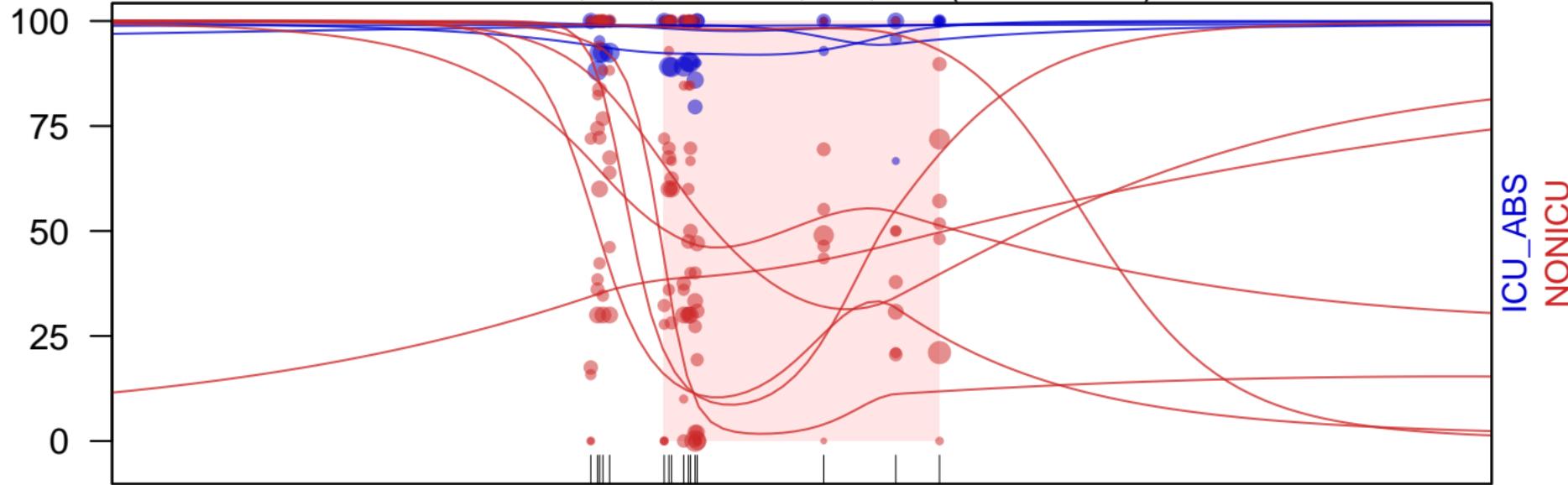
CpGs



Exons

chr1: 32,765,752 – 32,766,161 (width = 410)

Methylation



CpGs

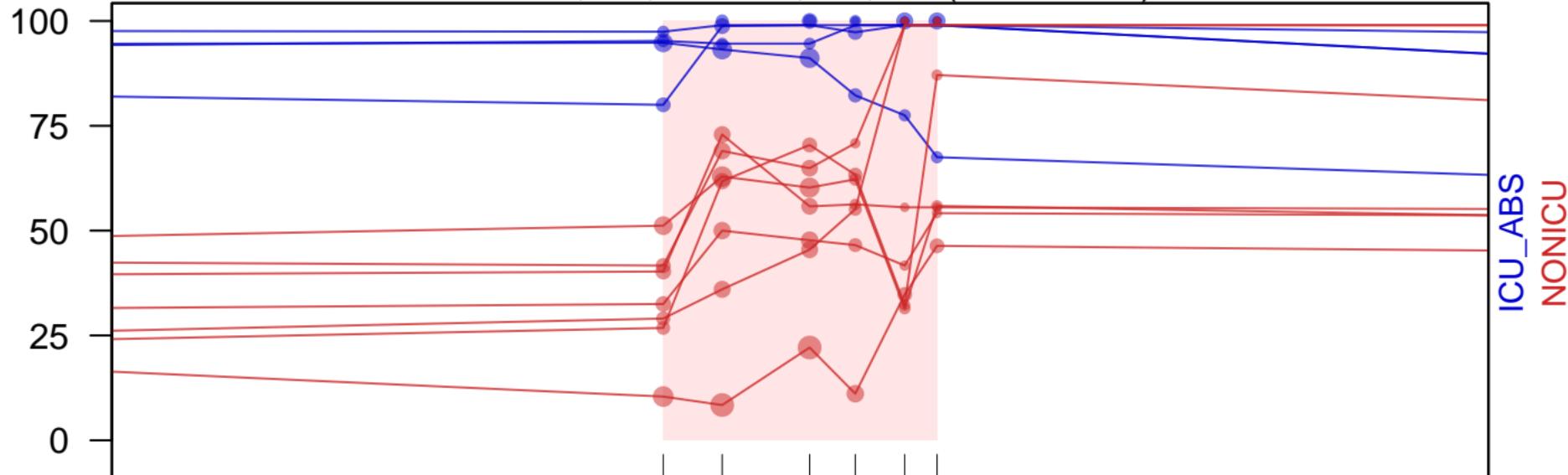
Island Shore Shelf Open Sea

Exons



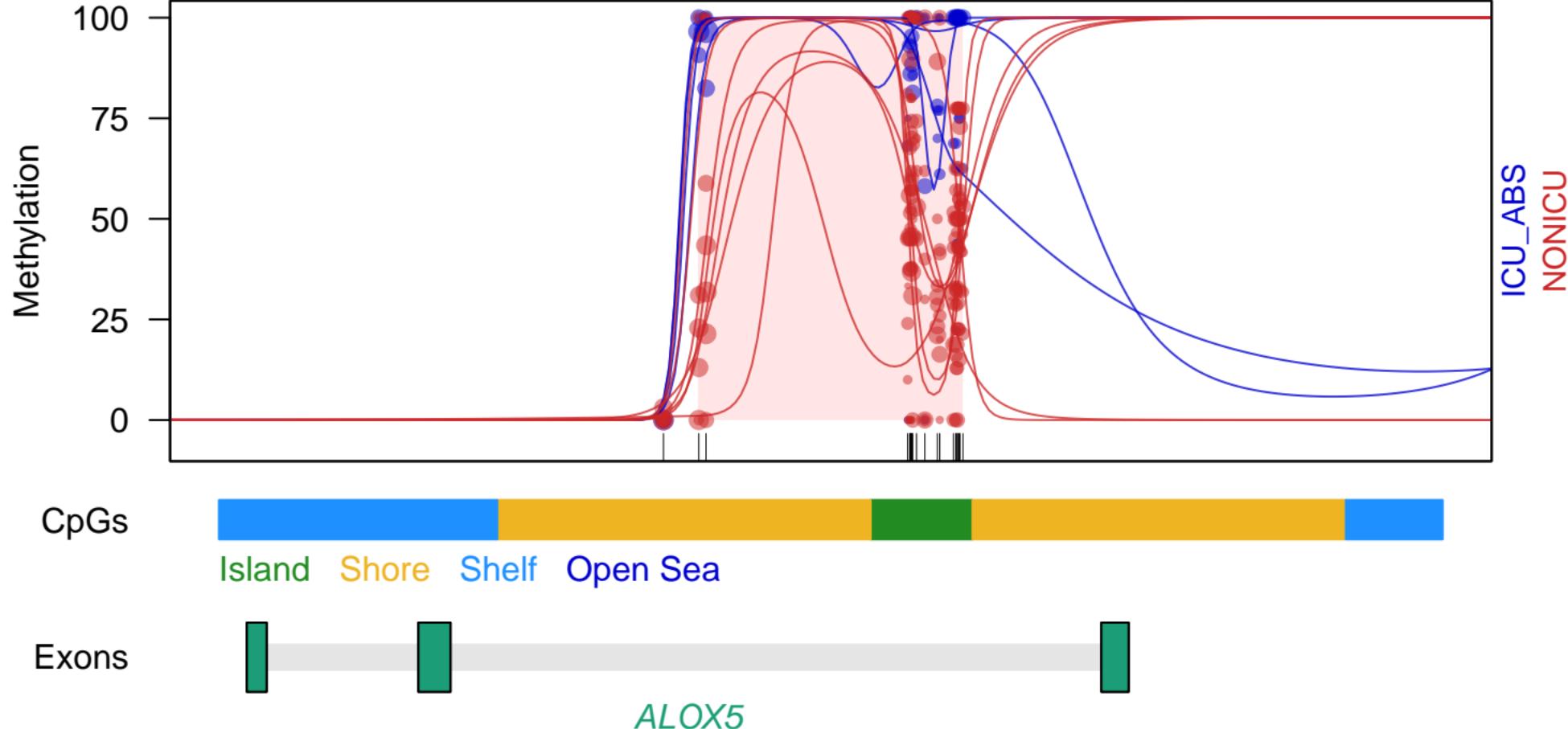
chr1: 19,077,269 – 19,077,413 (width = 145)

Methylation



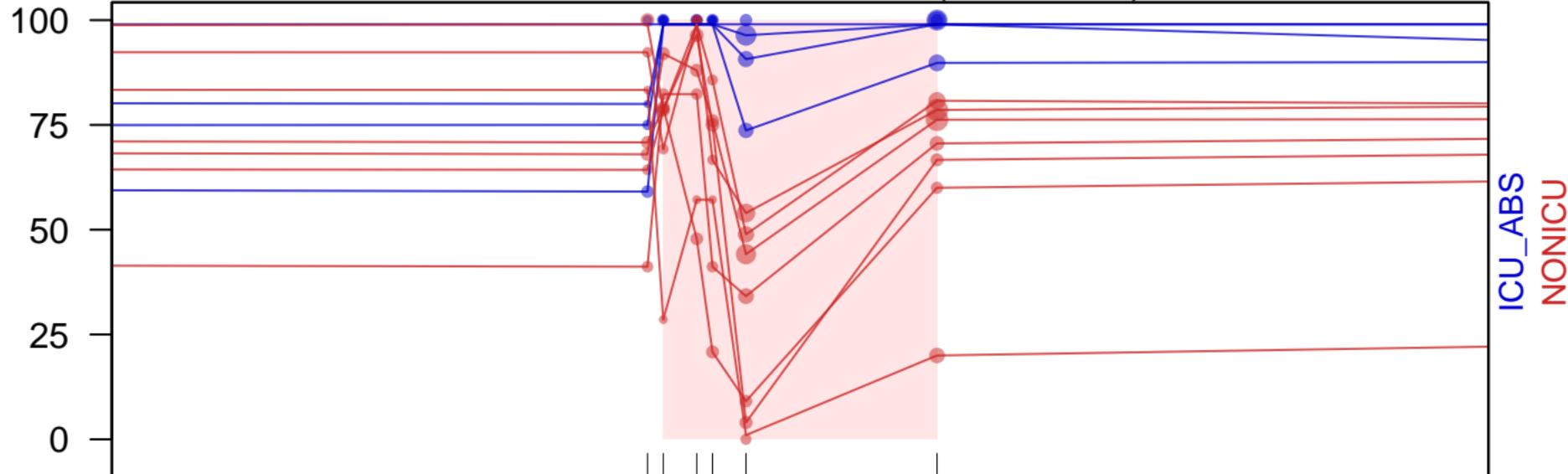
Exons

chr10: 45,426,514 – 45,427,824 (width = 1,311)



chr10: 6,036,859 – 6,036,998 (width = 140)

Methylation



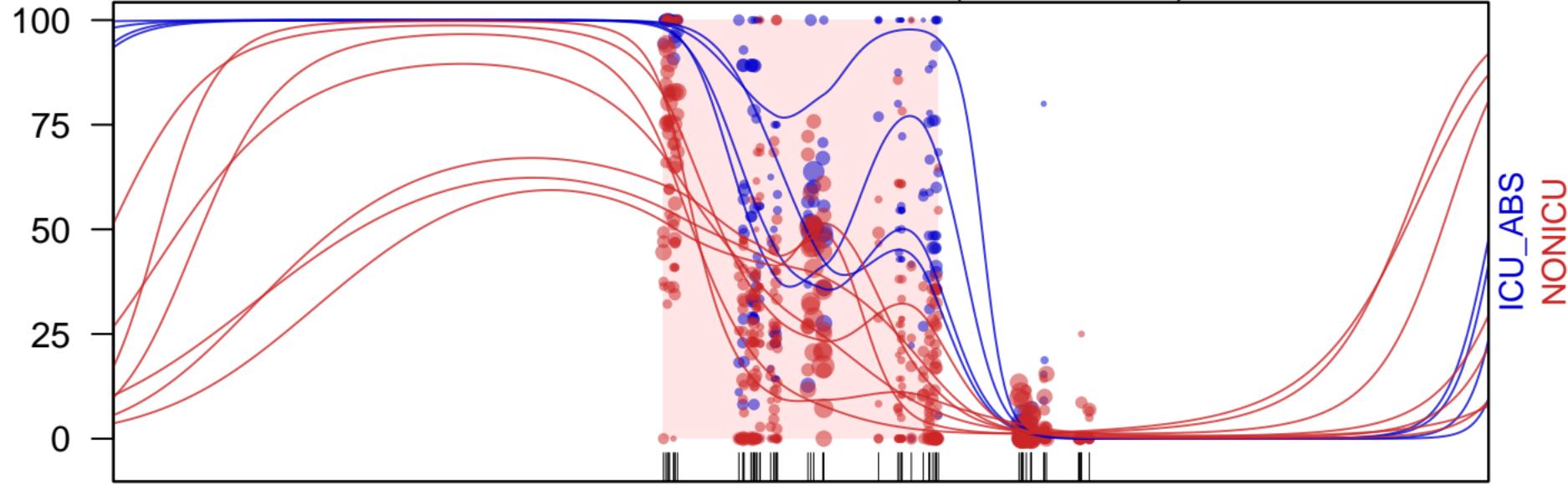
CpGs

Island Shore Shelf Open Sea

Exons

chr9: 122,225,446 – 122,227,576 (width = 2,131)

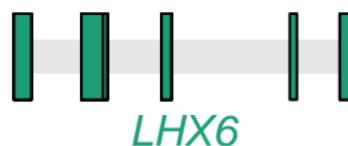
Methylation



CpGs

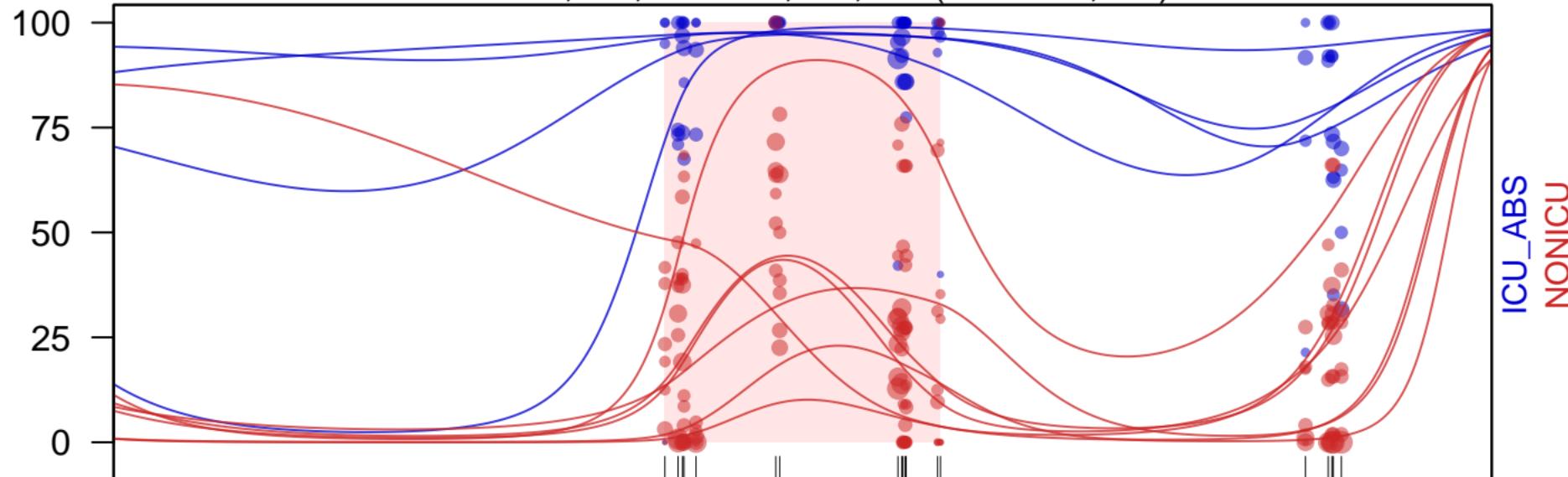


Exons



chr1: 25,568,398 – 25,570,577 (width = 2,180)

Methylation



CpGs

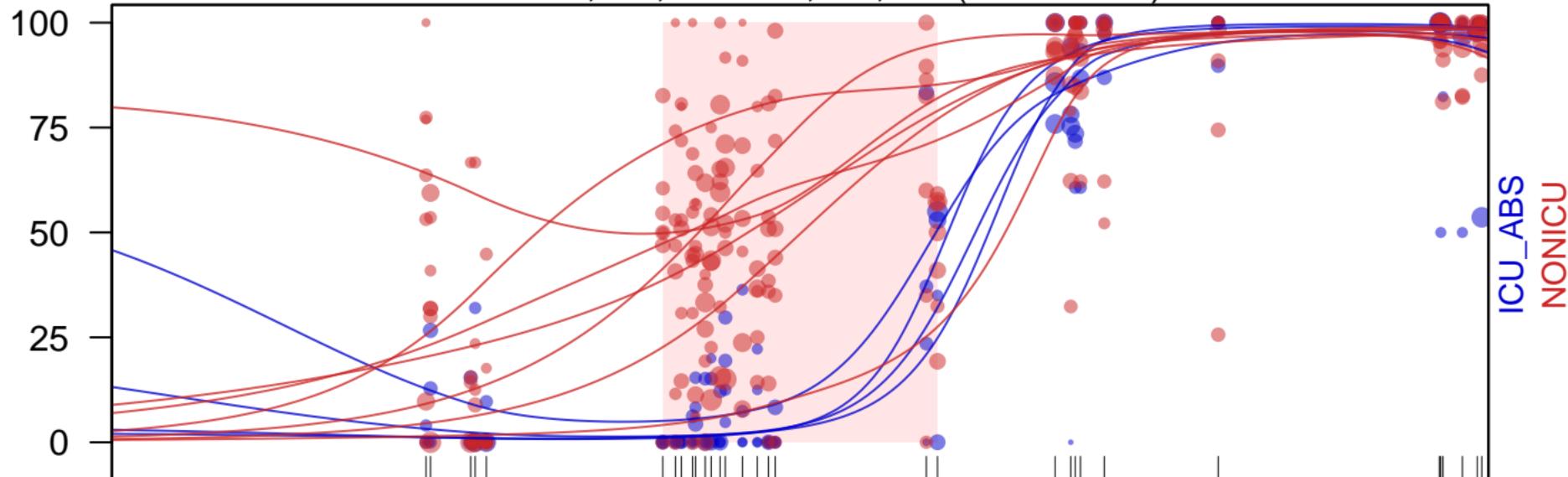
Island Shore Shelf Open Sea

Exons

LDLRAP1

chr22: 17,777,601 – 17,777,970 (width = 370)

Methylation



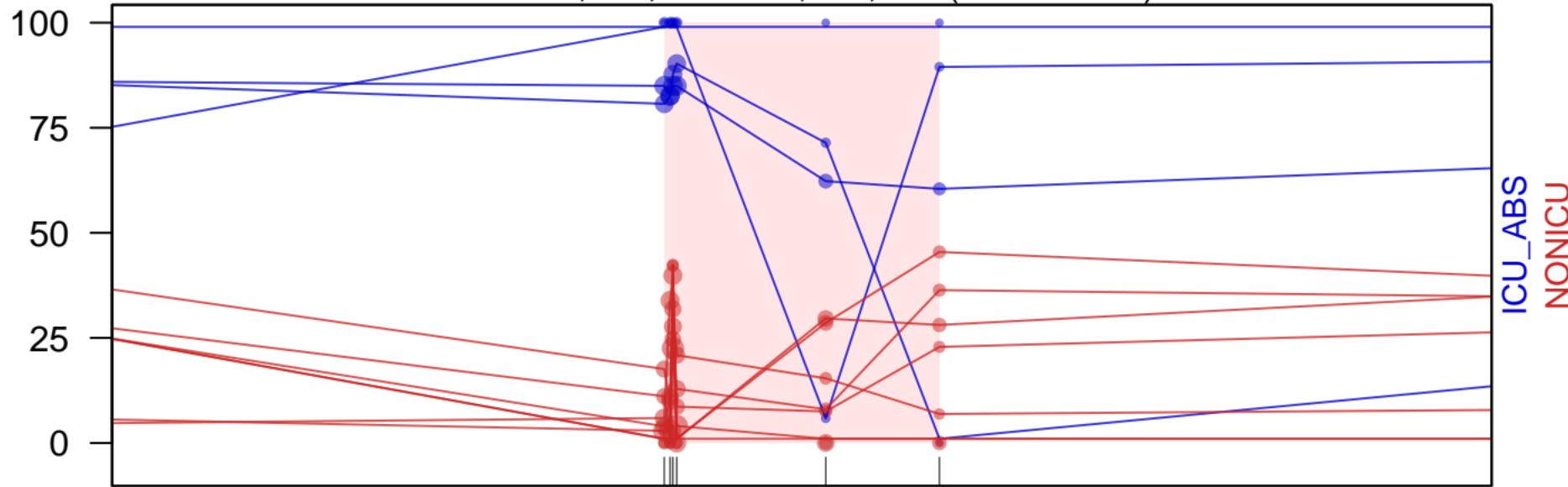
CpGs



Exons

chr1: 10,761,769 – 10,762,057 (width = 289)

Methylation

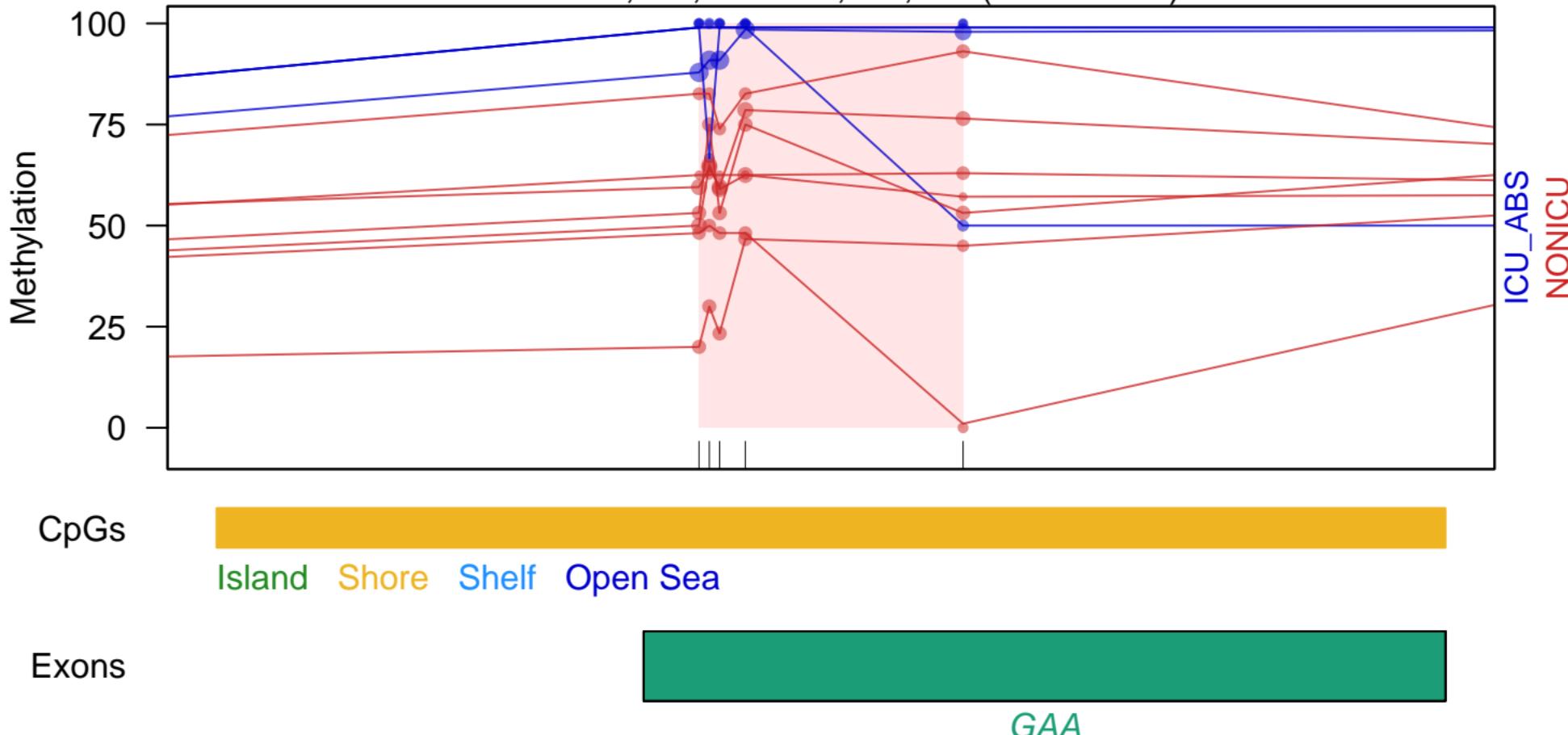


CpGs

Island Shore Shelf Open Sea

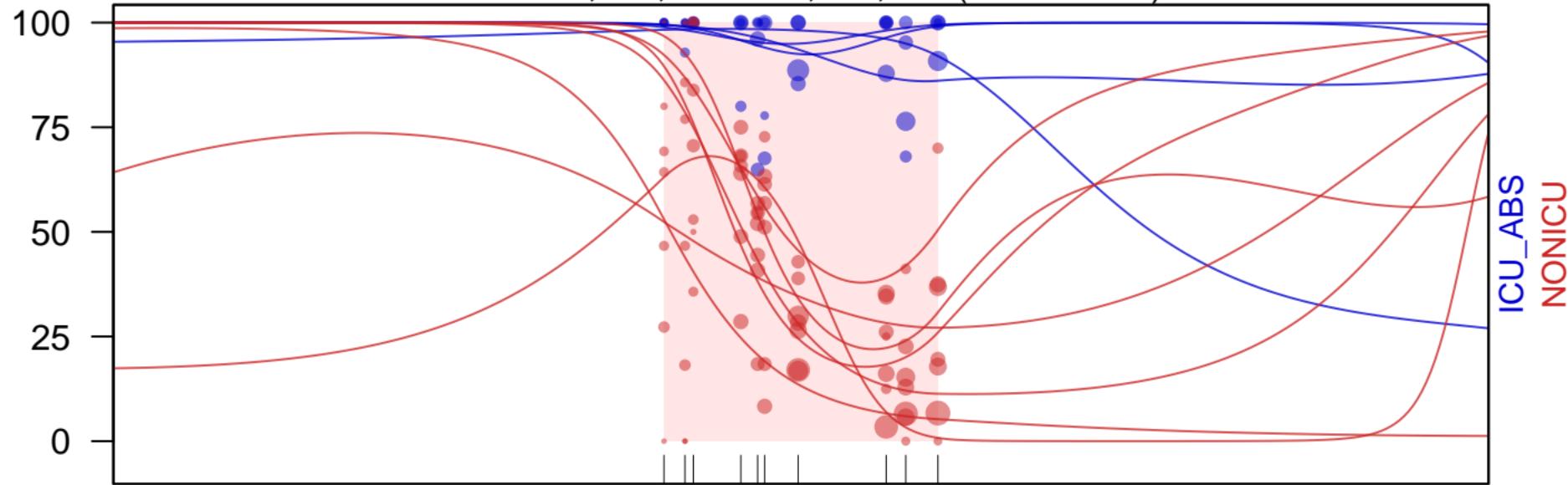
Exons

chr17: 80,104,628 – 80,104,782 (width = 155)



chr17: 81,330,828 – 81,331,024 (width = 197)

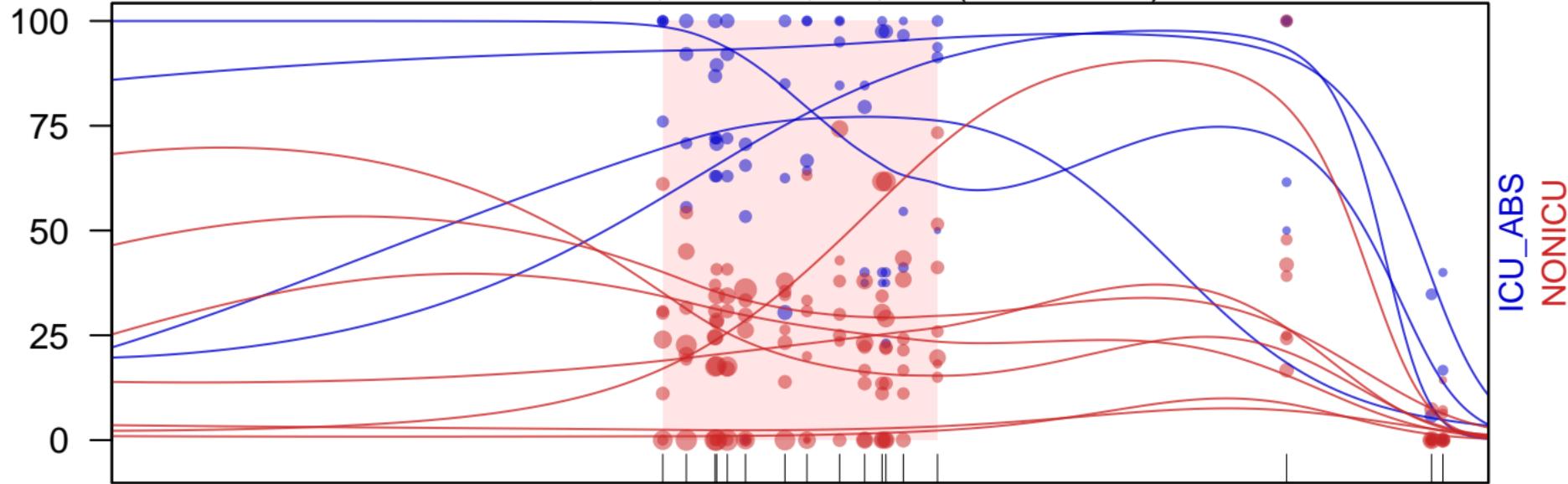
Methylation



CpGs
Exons

chr20: 63,536,428 – 63,536,790 (width = 363)

Methylation



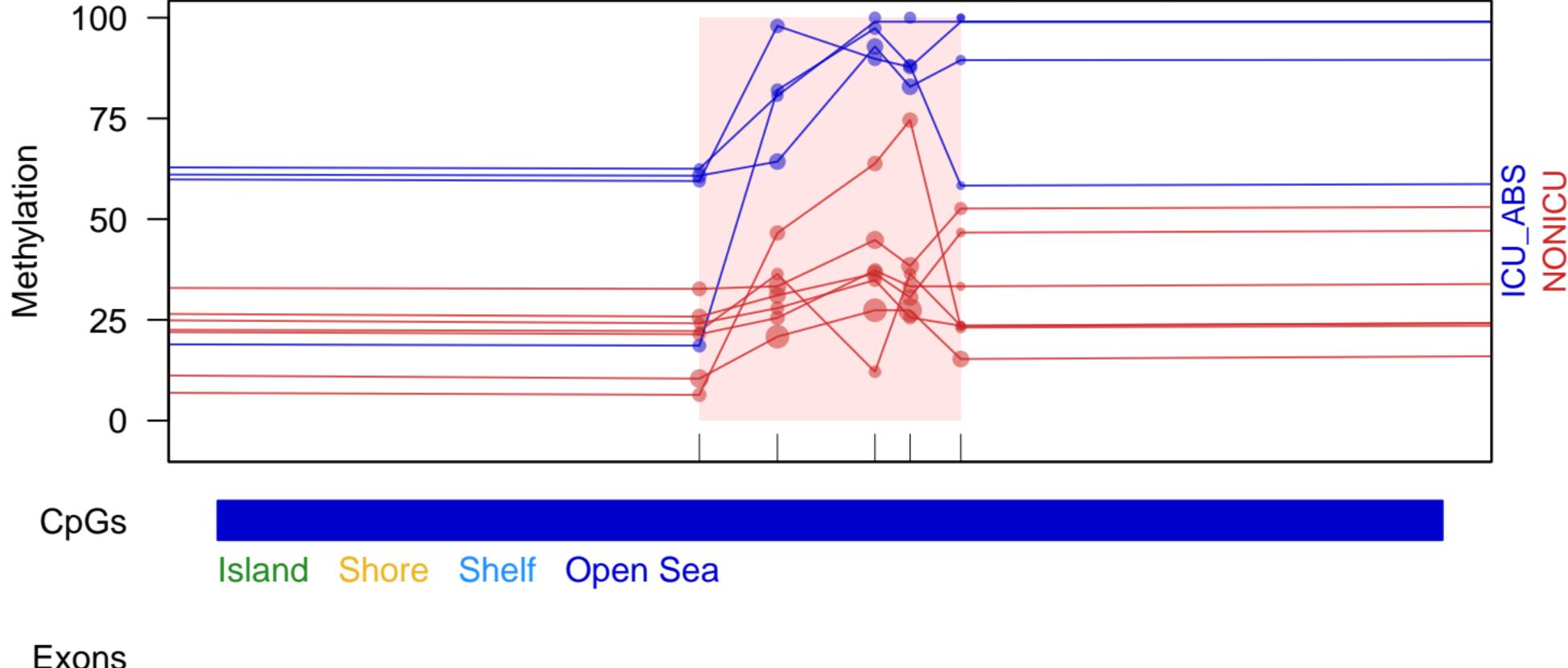
CpGs



Exons

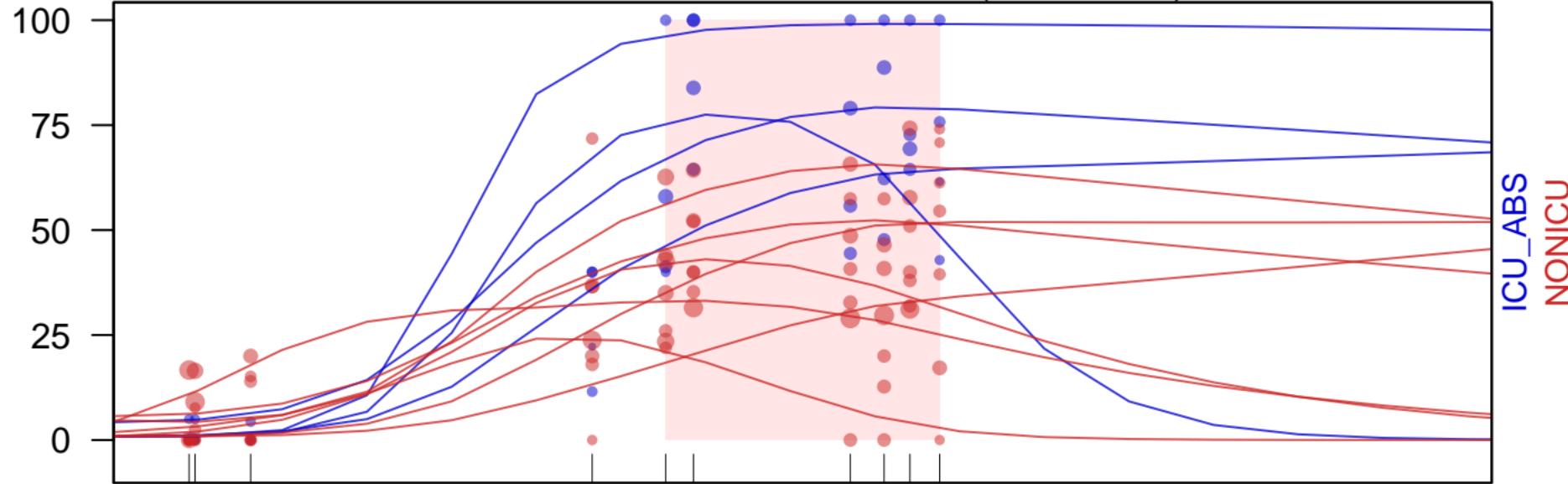


chr7: 159,211,716 – 159,211,783 (width = 68)



chr10: 104,275,250 – 104,275,388 (width = 139)

Methylation



CpGs

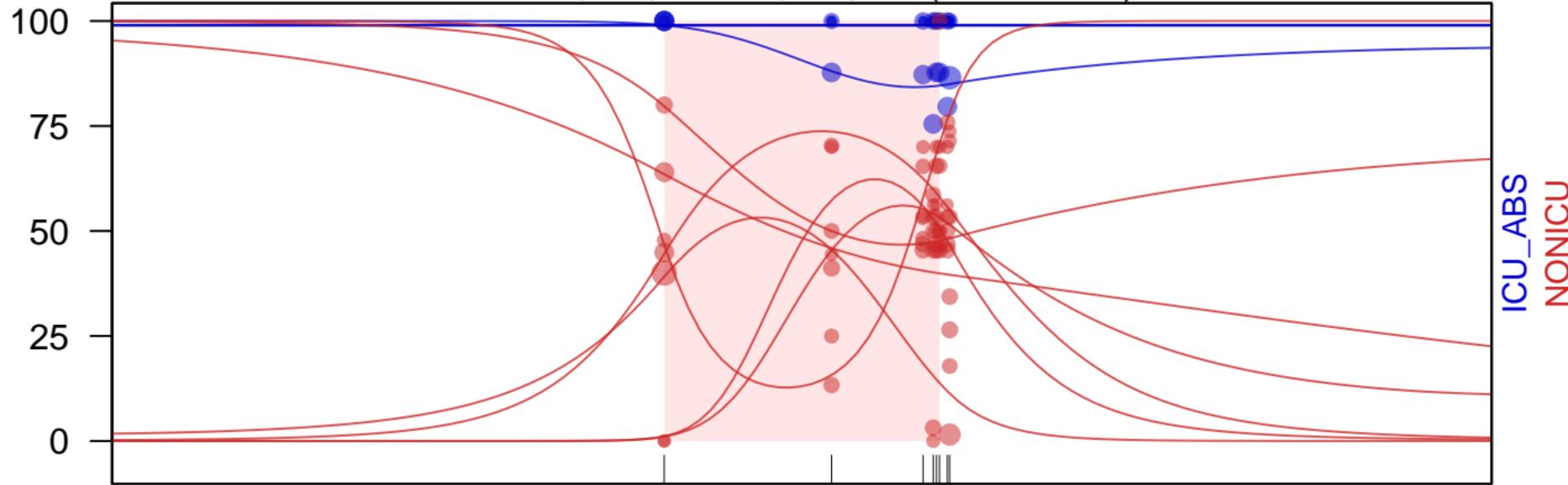


Exons



chr2: 3,282,223 – 3,282,575 (width = 353)

Methylation



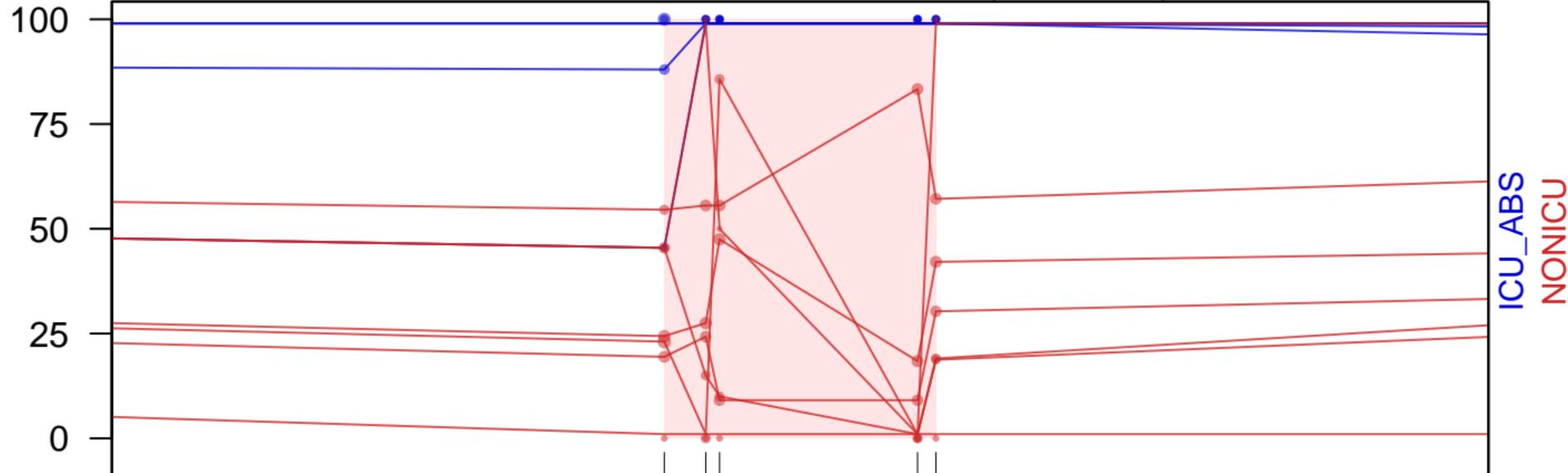
CpGs

Island Shore Shelf Open Sea

Exons

chr12: 124,423,511 – 124,423,570 (width = 60)

Methylation



CpGs

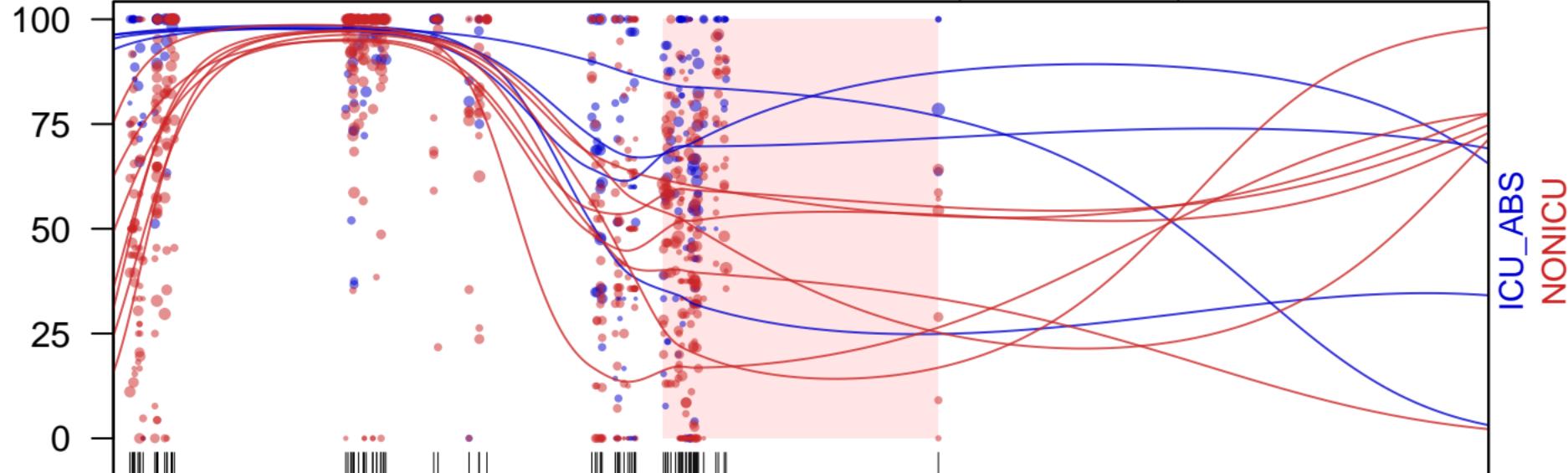
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr9: 137,281,160 – 137,282,391 (width = 1,232)

Methylation



CpGs



Island Shore Shelf Open Sea

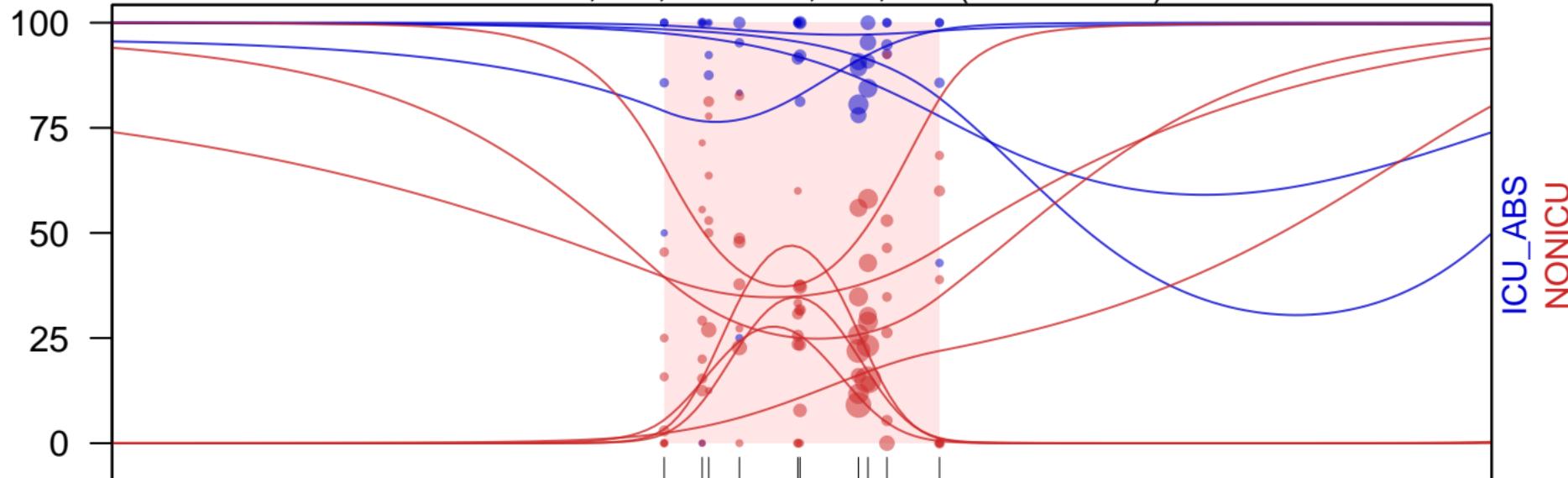
Exons



TOR4A

chr22: 49,523,840 – 49,524,217 (width = 378)

Methylation

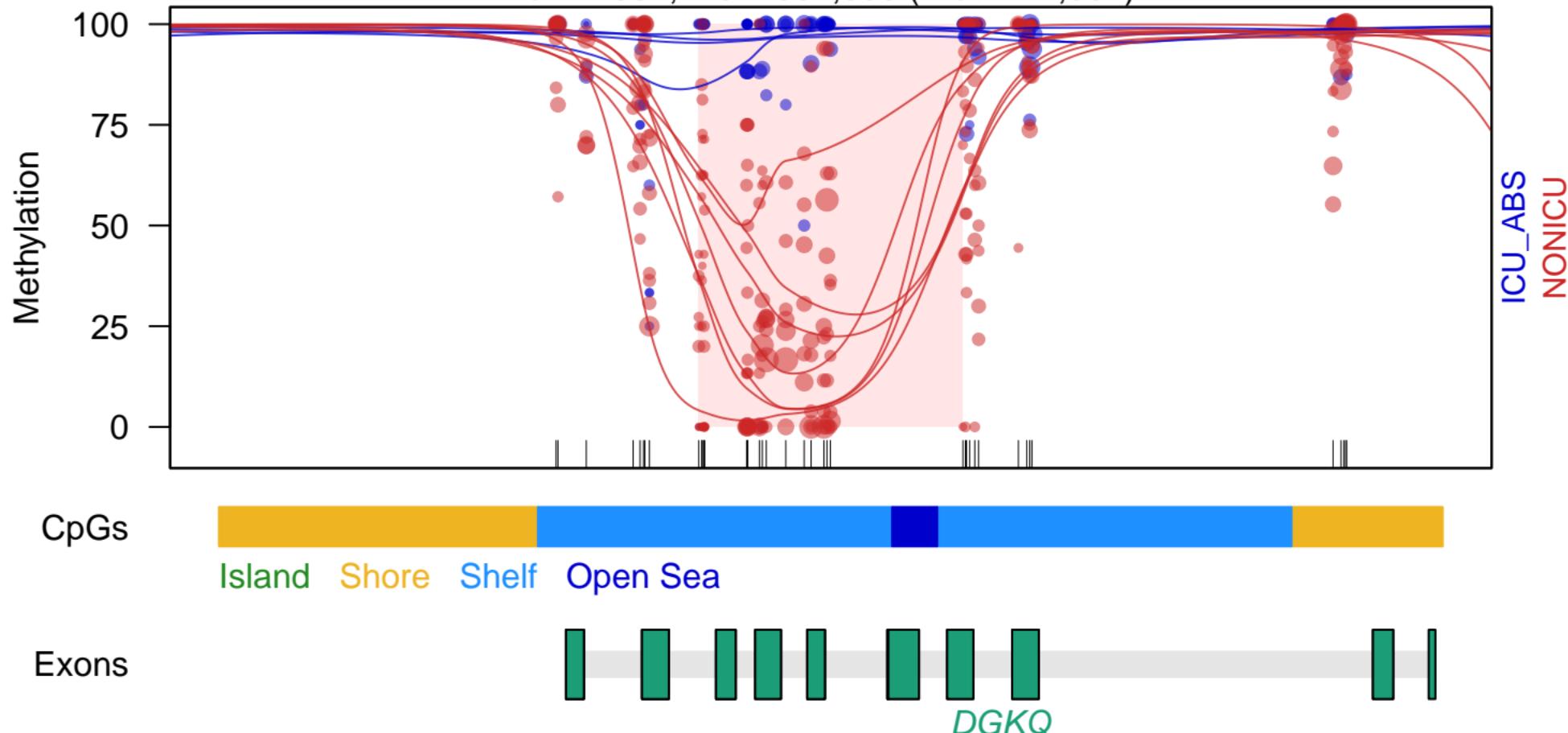


CpGs

Island Shore Shelf Open Sea

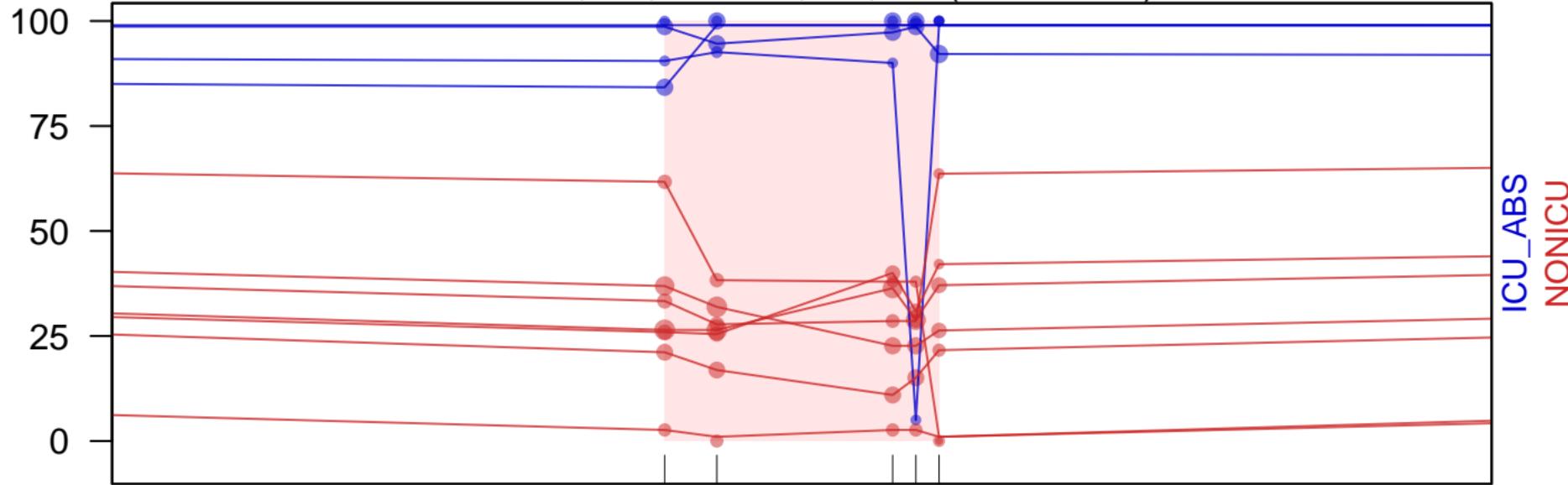
Exons

chr4: 961,425 – 962,806 (width = 1,382)



chr1: 13,798,971 – 13,799,113 (width = 143)

Methylation



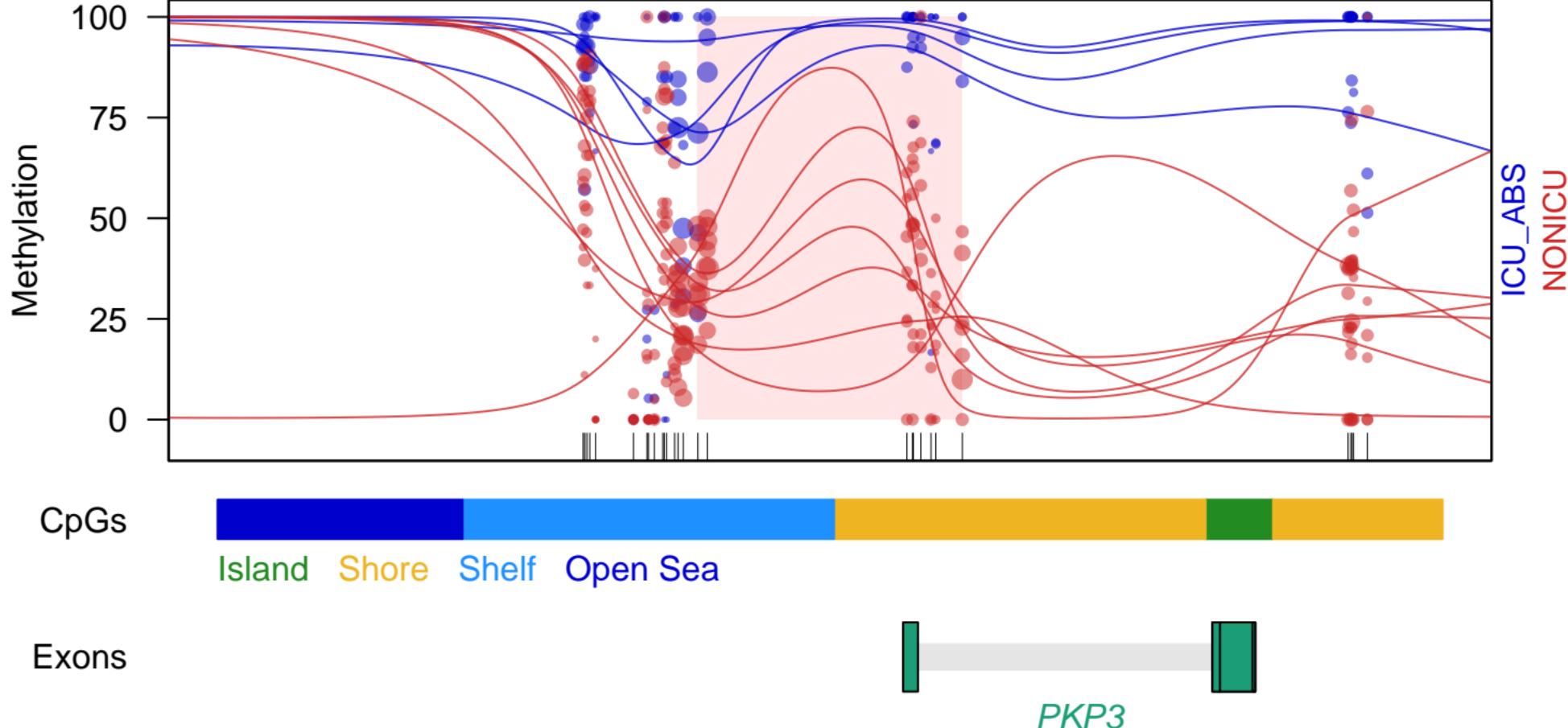
CpGs

Island Shore Shelf Open Sea

Exons

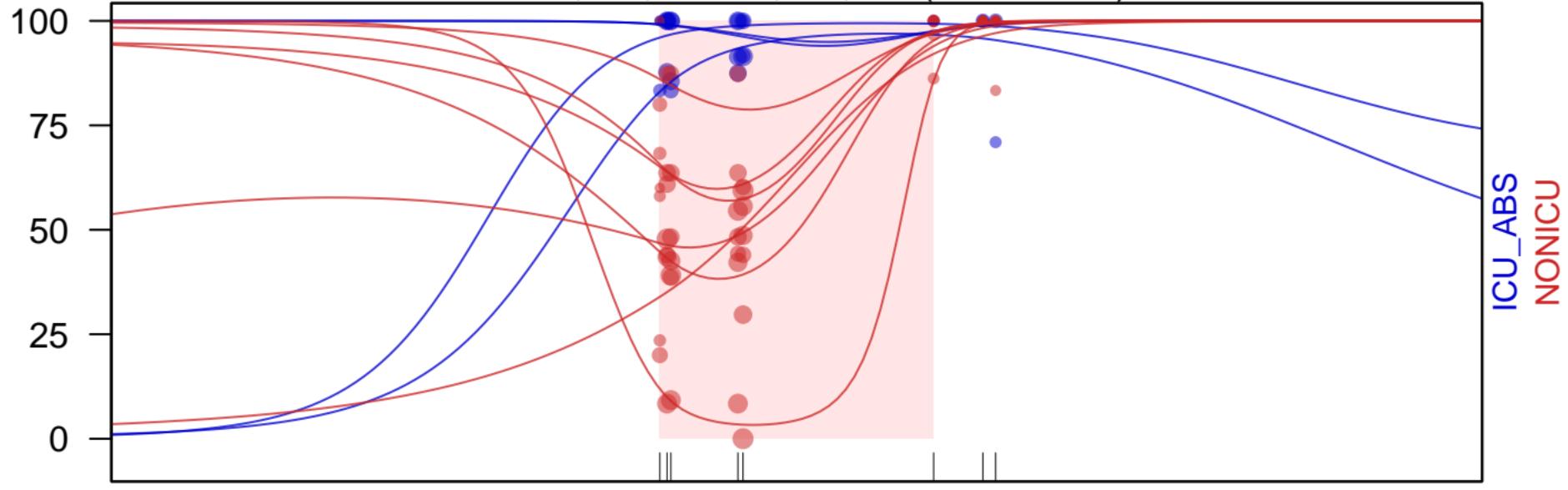
ICU_ABS
NONICU

chr11: 391,576 – 392,894 (width = 1,319)



chr7: 1,575,514 – 1,576,159 (width = 646)

Methylation



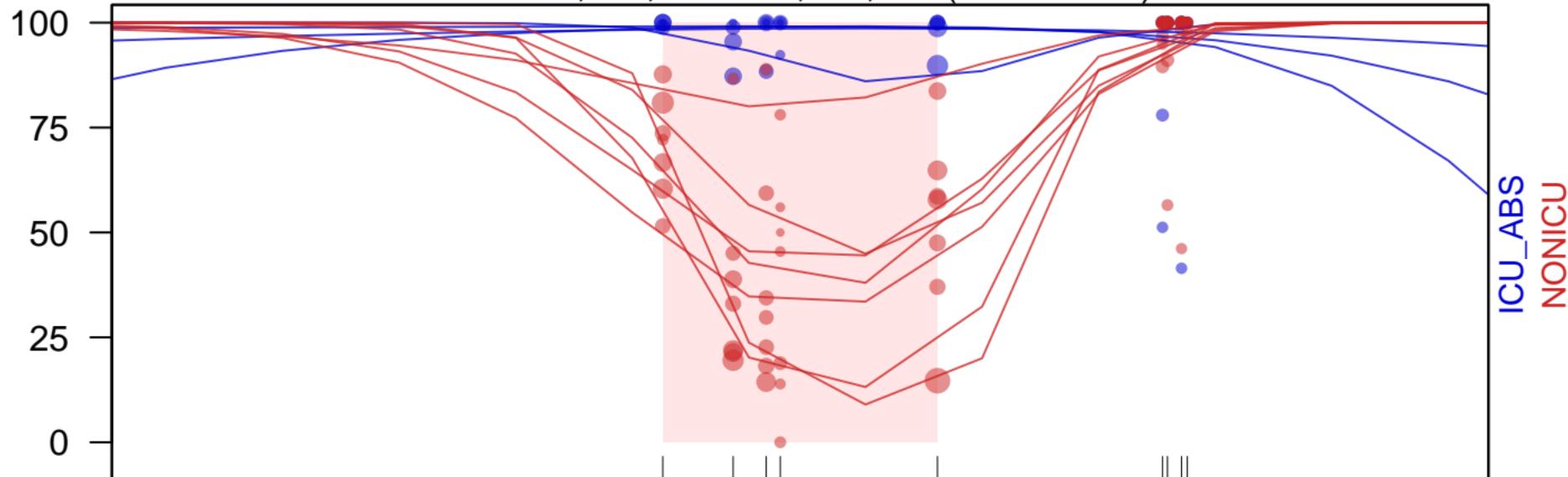
CpGs



Exons

chr1: 91,226,746 – 91,227,078 (width = 333)

Methylation

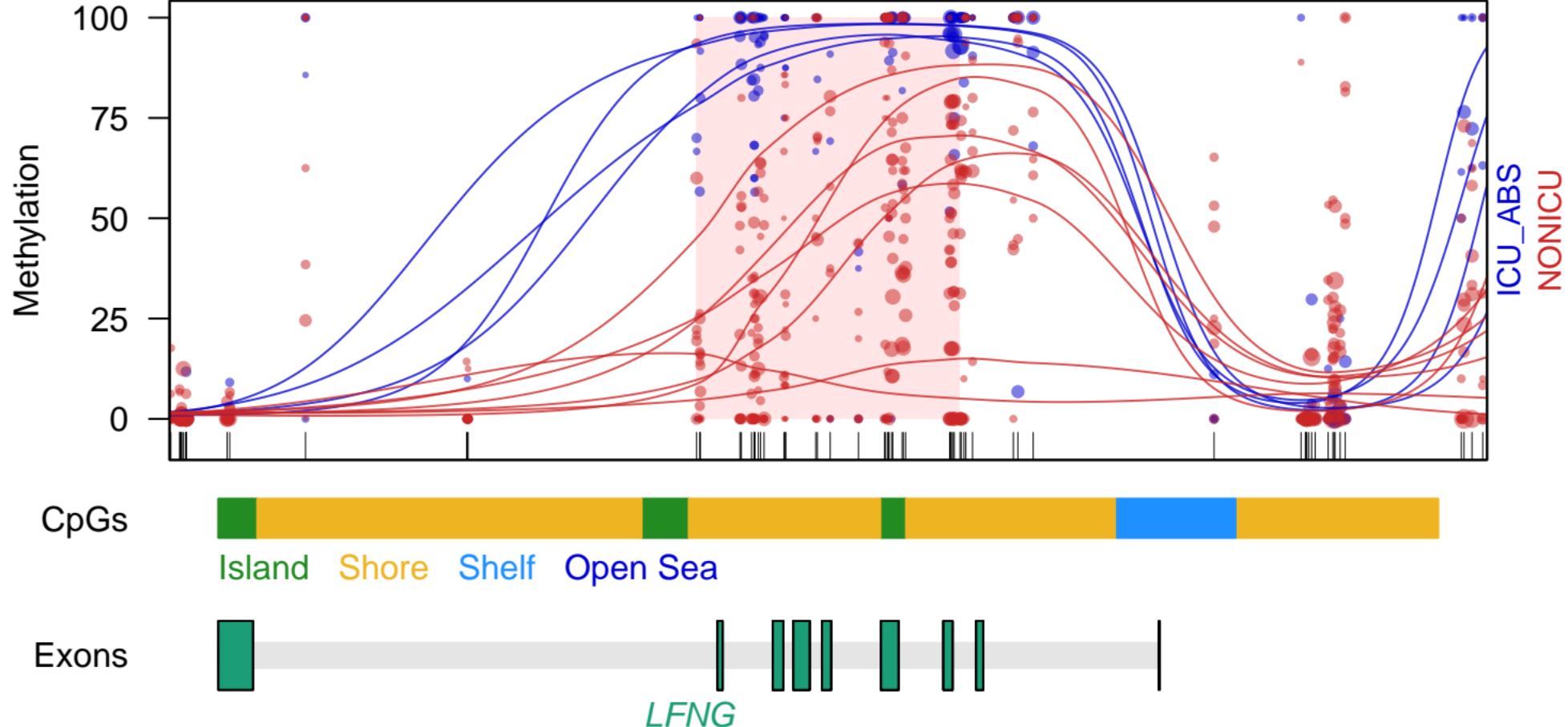


CpGs

Island Shore Shelf Open Sea

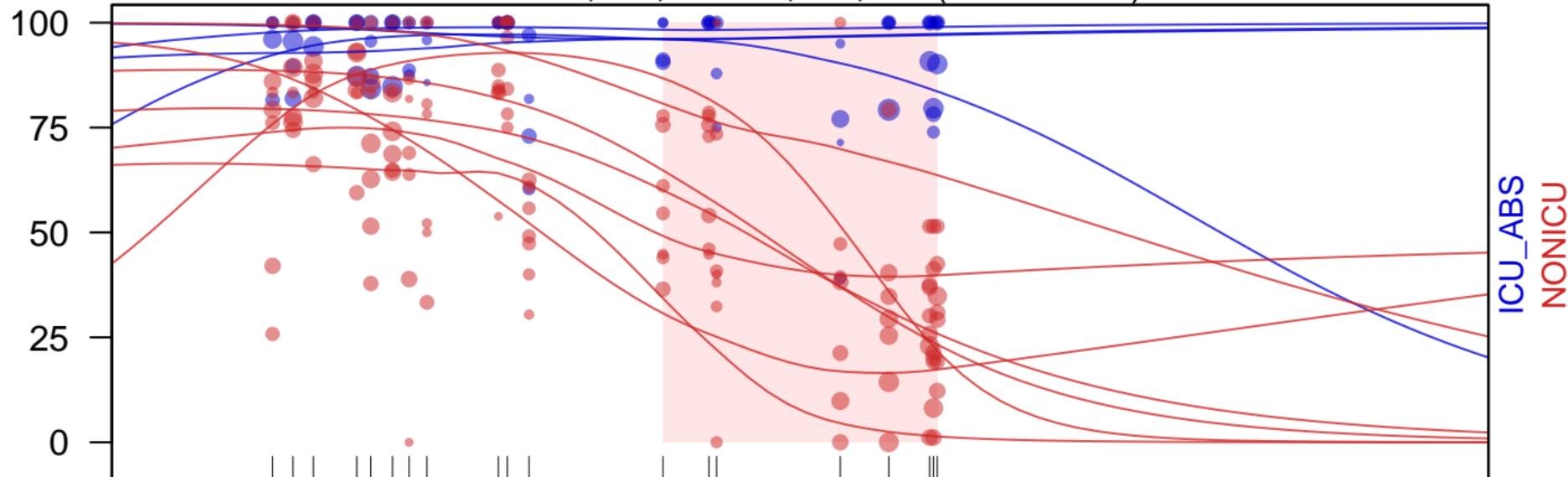
Exons

chr7: 2,524,589 – 2,526,900 (width = 2,312)



chr16: 1,680,112 – 1,680,327 (width = 216)

Methylation



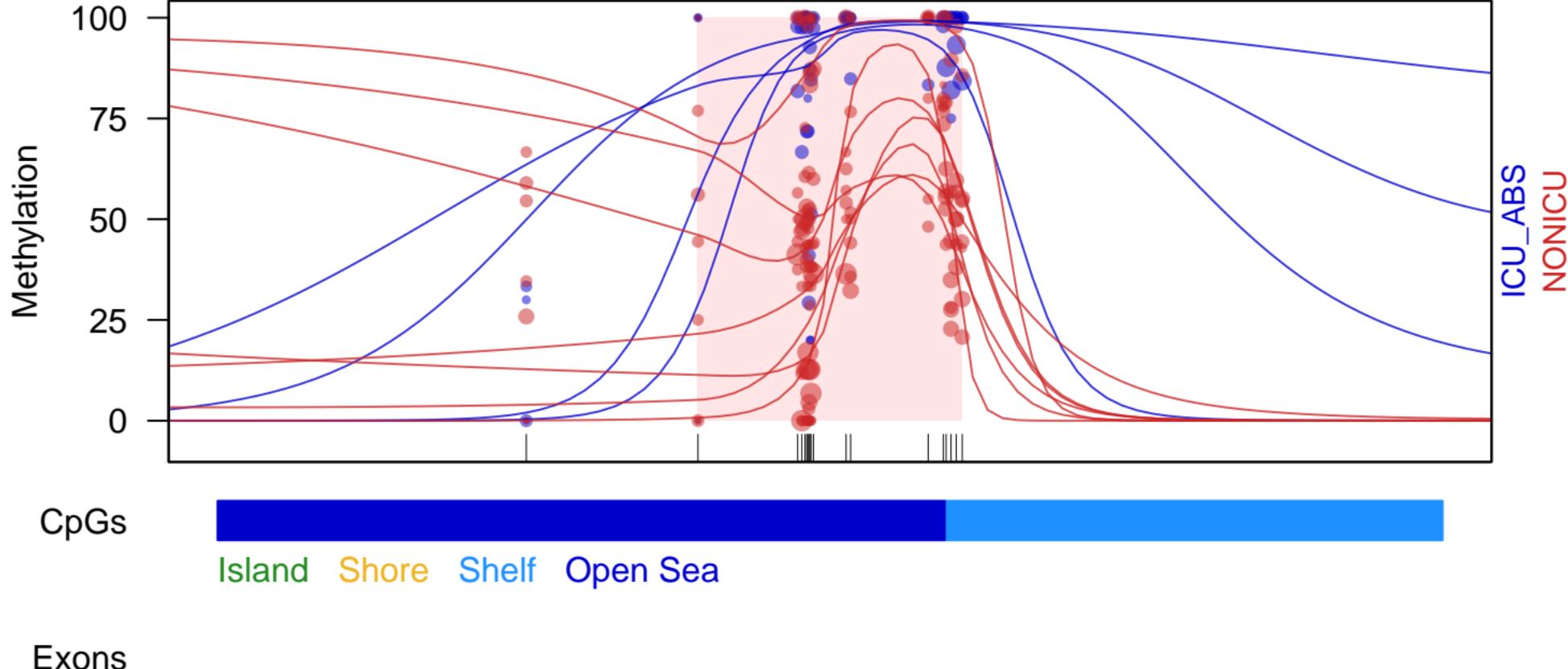
CpGs

Island Shore Shelf Open Sea

Exons

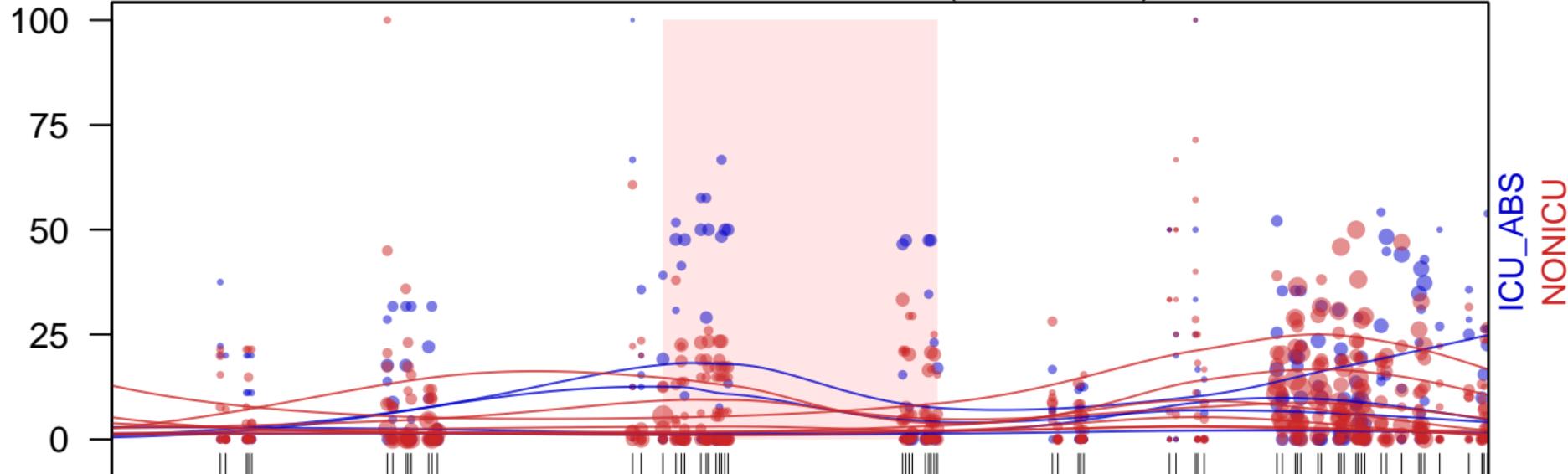
JPT2

chr17: 76,943,933 – 76,944,686 (width = 754)



chr2: 90,325,255 – 90,325,508 (width = 254)

Methylation



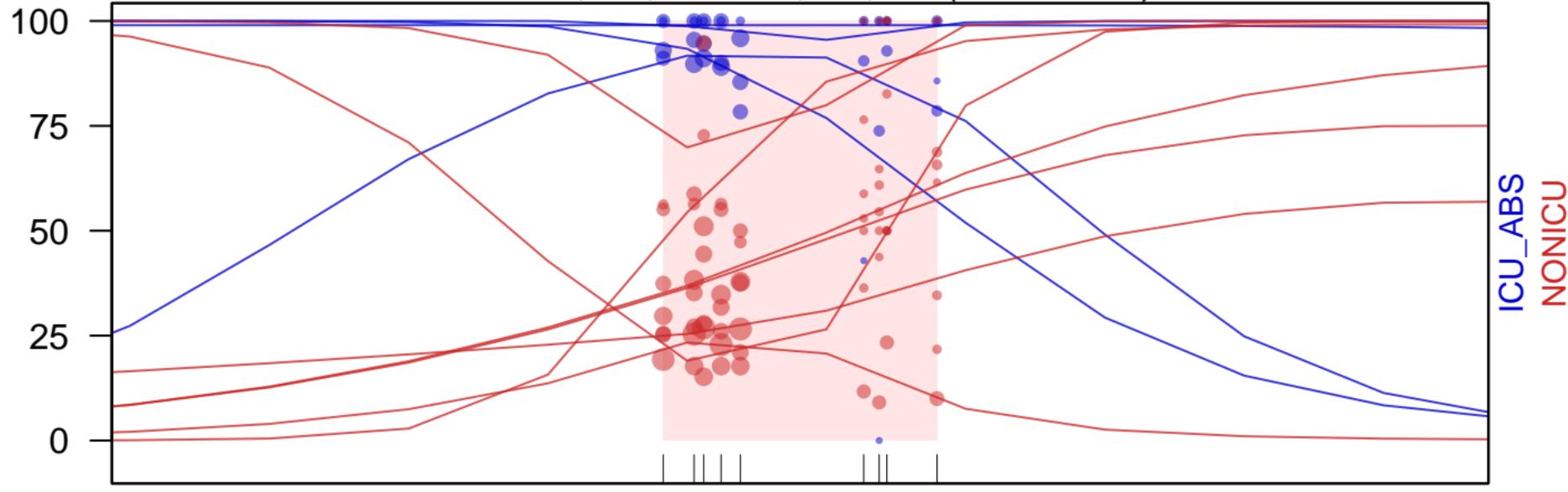
CpGs

Island Shore Shelf Open Sea

Exons

chr2: 20,348,679 – 20,348,821 (width = 143)

Methylation



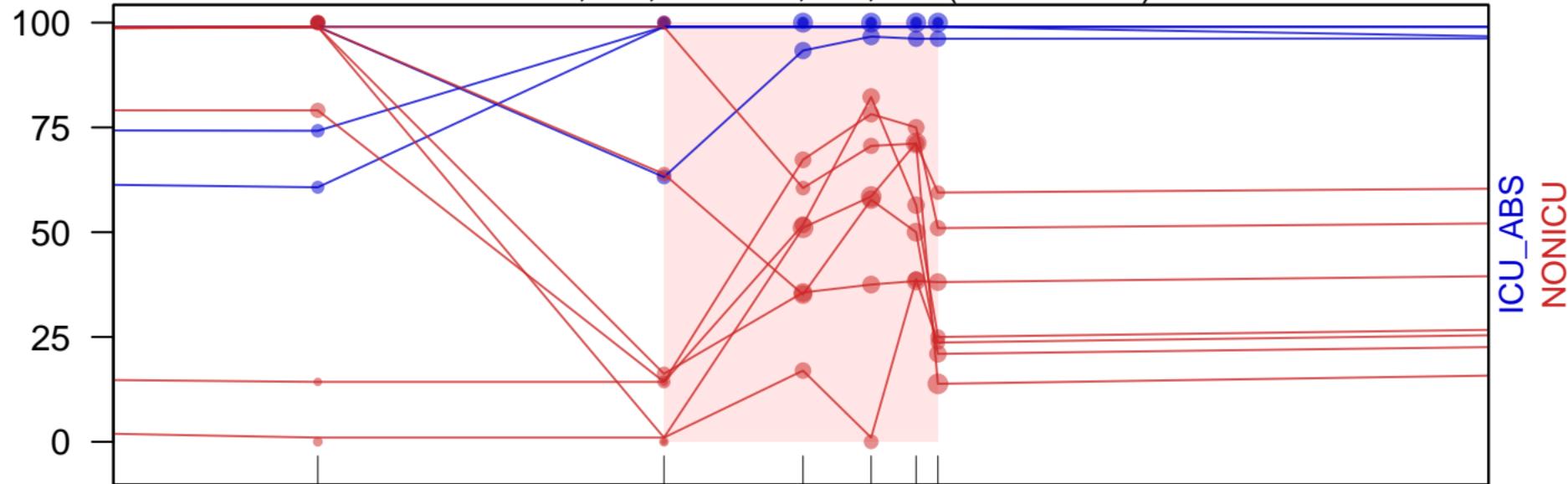
CpGs

Island Shore Shelf Open Sea

Exons

chr4: 26,500,737 – 26,500,938 (width = 202)

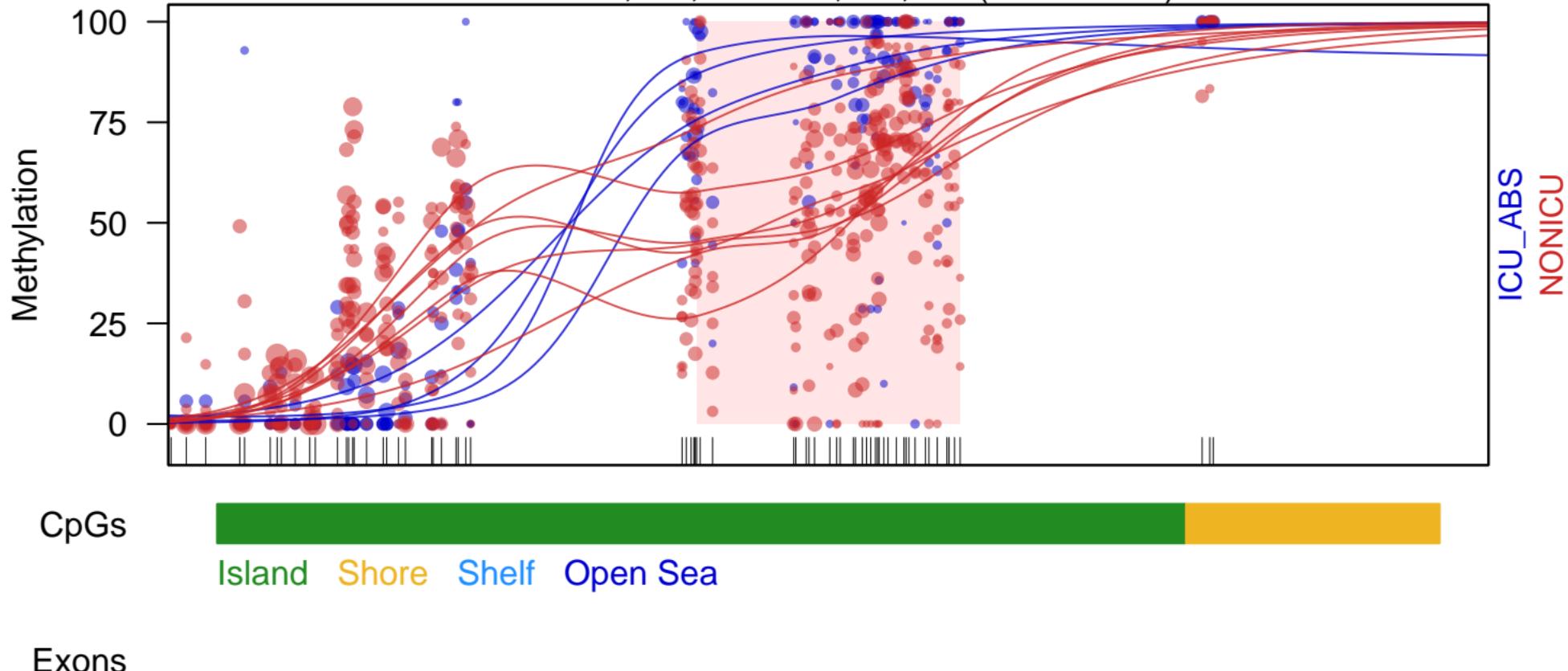
Methylation



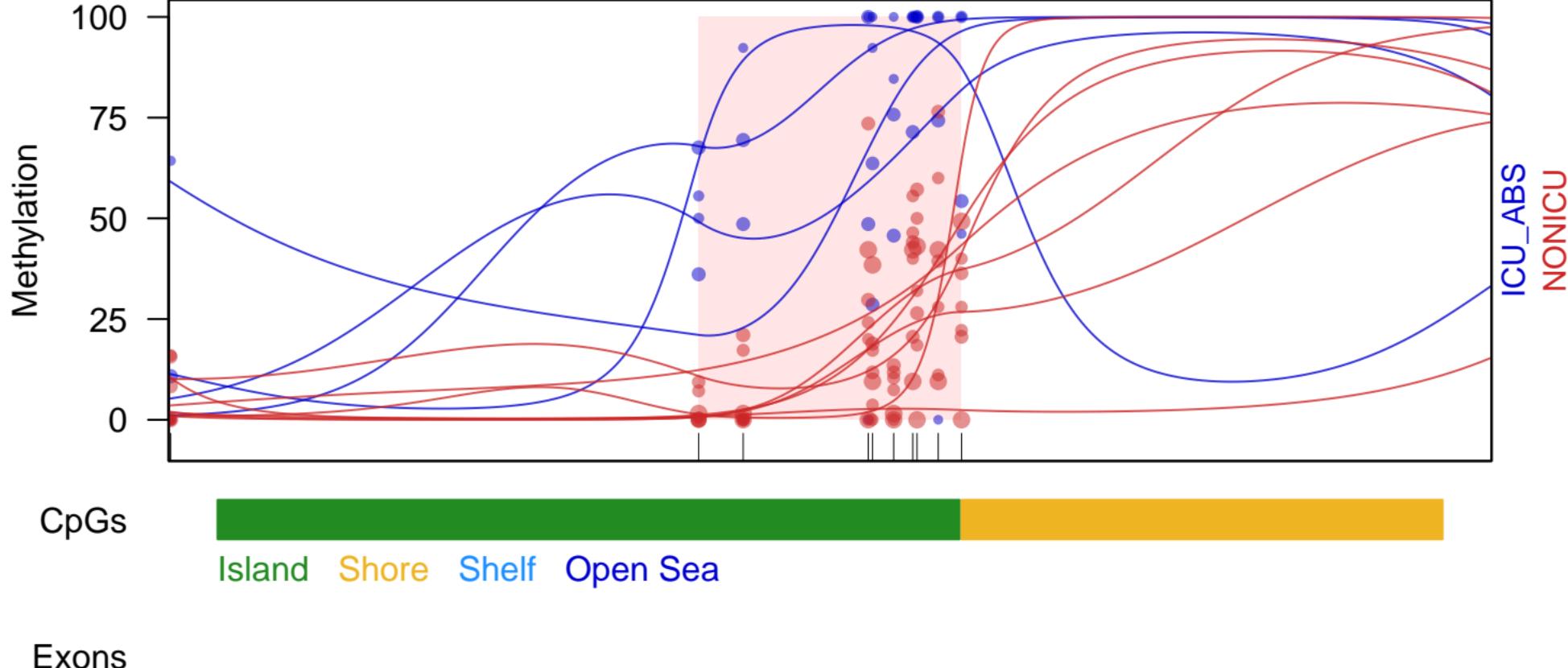
Exons

Island Shore Shelf Open Sea

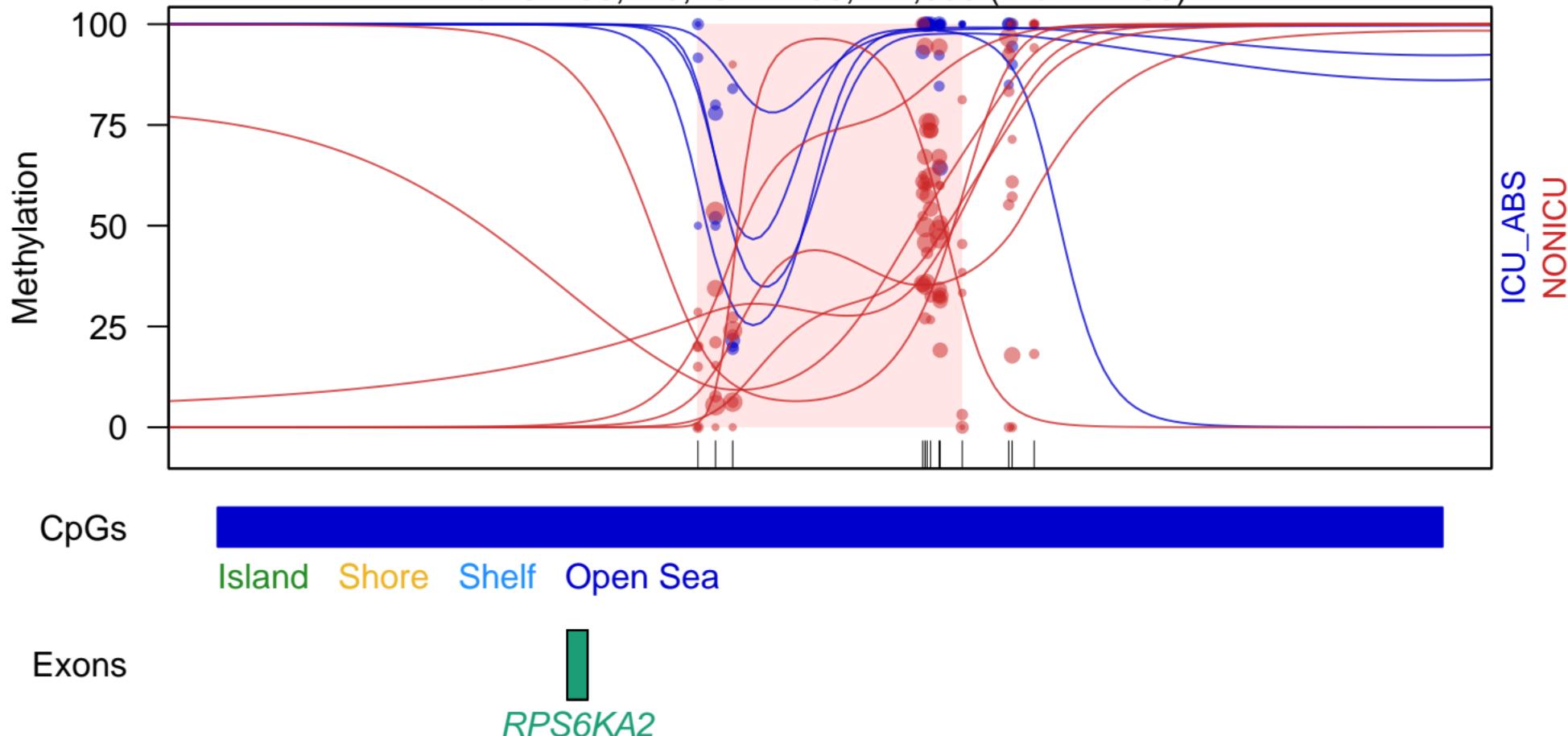
chr18: 12,911,959 – 12,912,339 (width = 381)



chr17: 81,400,814 – 81,400,938 (width = 125)

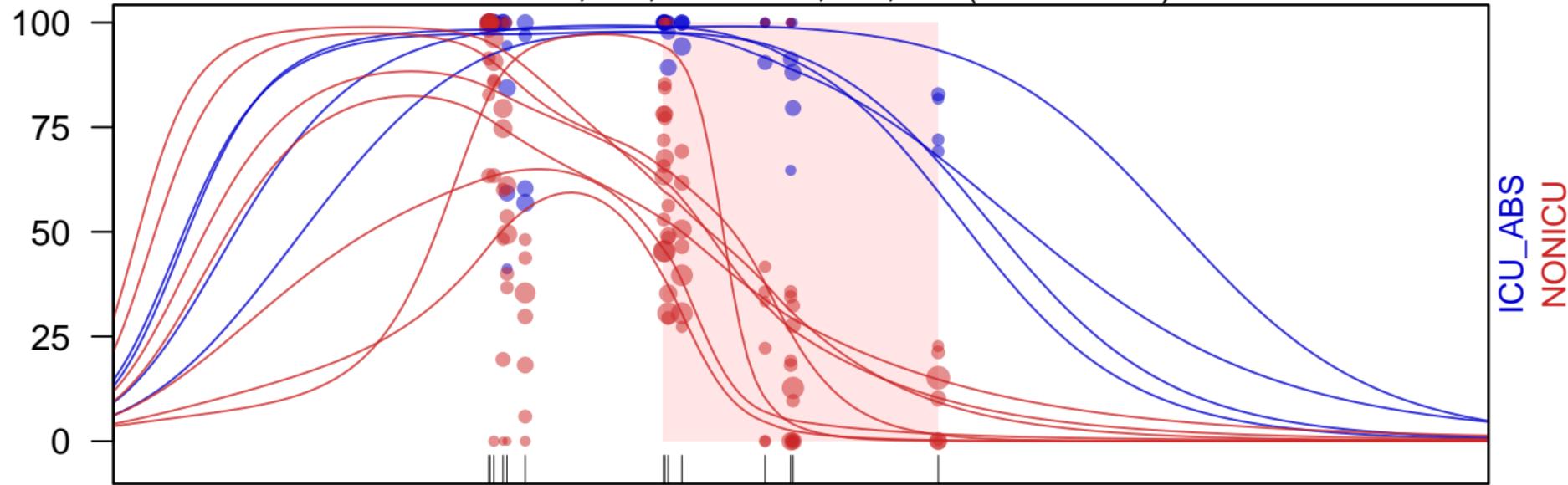


chr6: 166,470,282 – 166,471,050 (width = 769)



chr9: 124,863,215 – 124,863,697 (width = 483)

Methylation



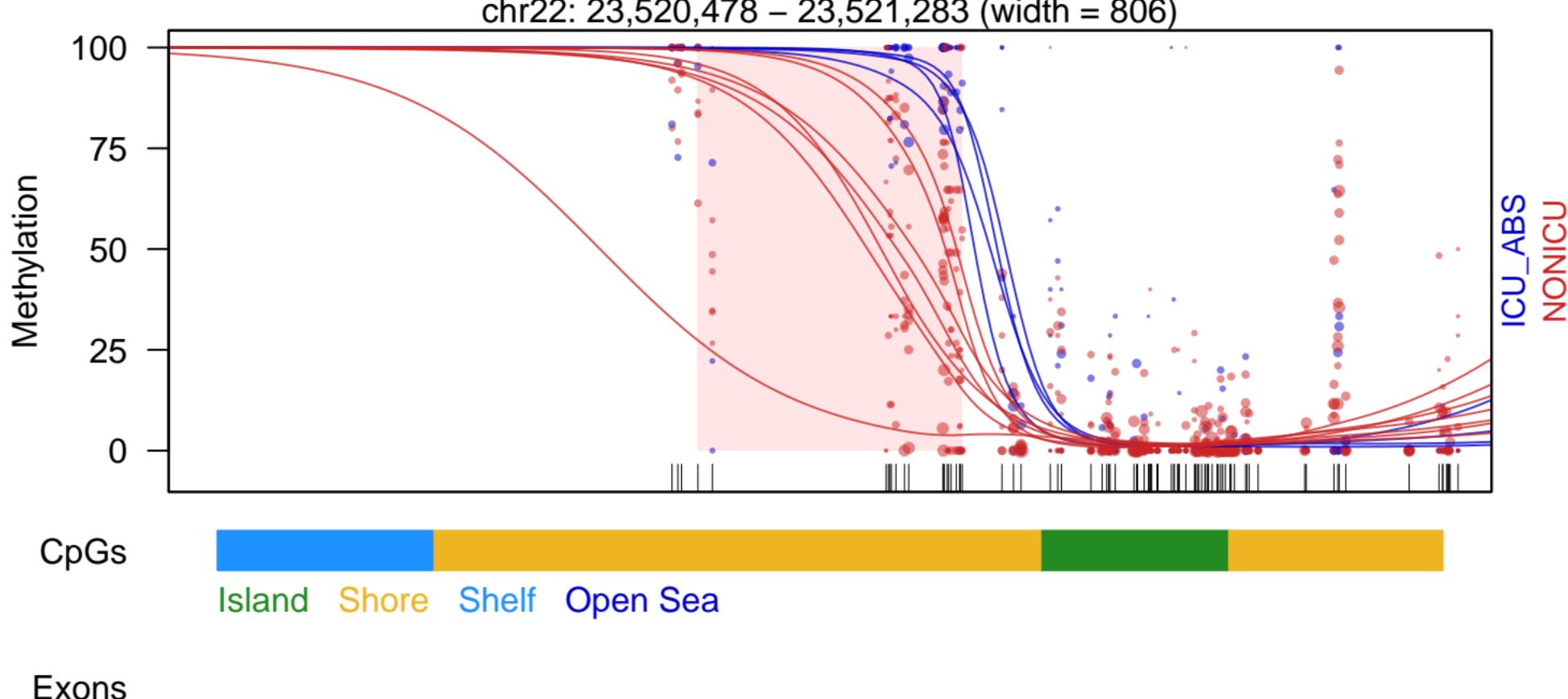
CpGs

Island Shore Shelf Open Sea

Exons

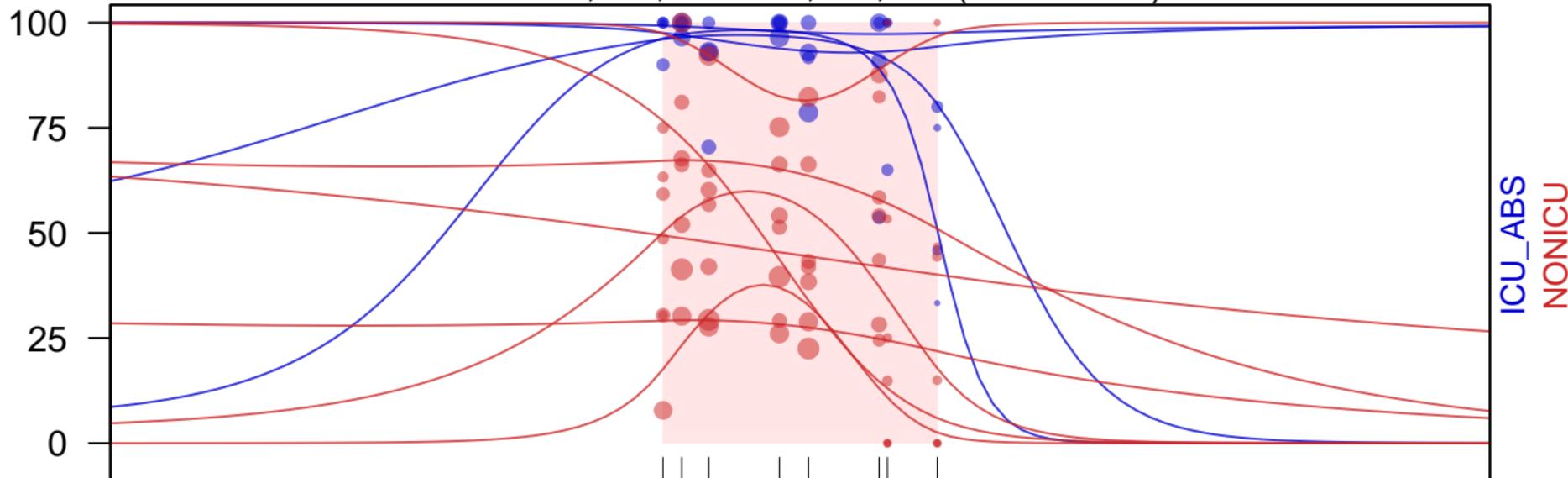
ICU_ABS
NONICU

chr22: 23,520,478 – 23,521,283 (width = 806)



chr16: 88,394,414 – 88,394,546 (width = 133)

Methylation



CpGs

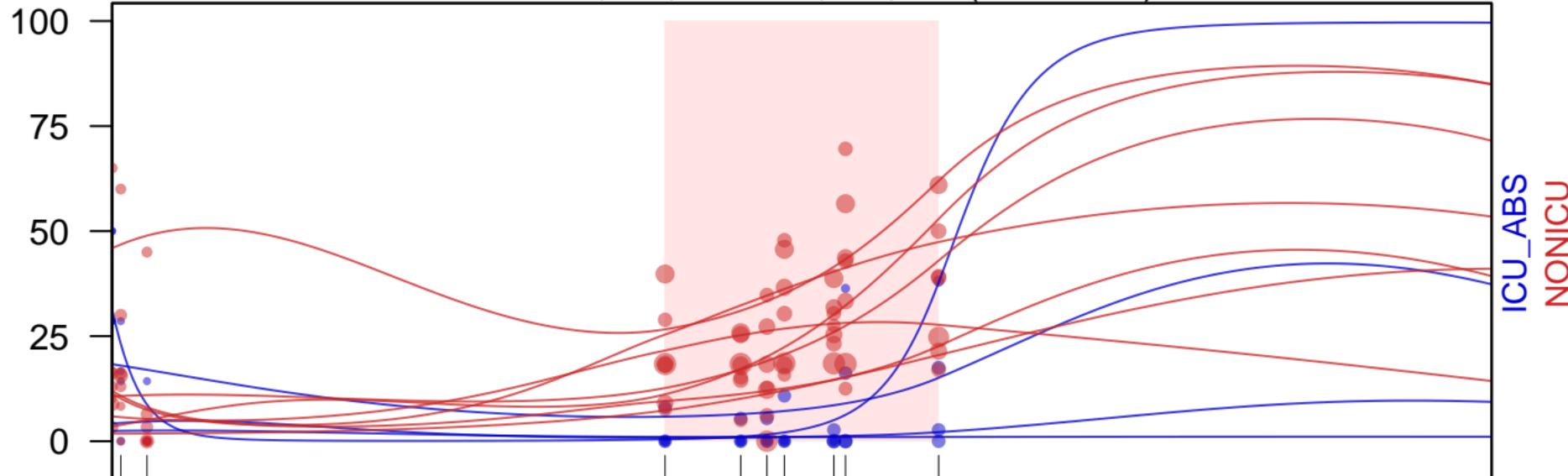
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr13: 30,906,858 – 30,906,952 (width = 95)

Methylation



CpGs



Island Shore Shelf Open Sea

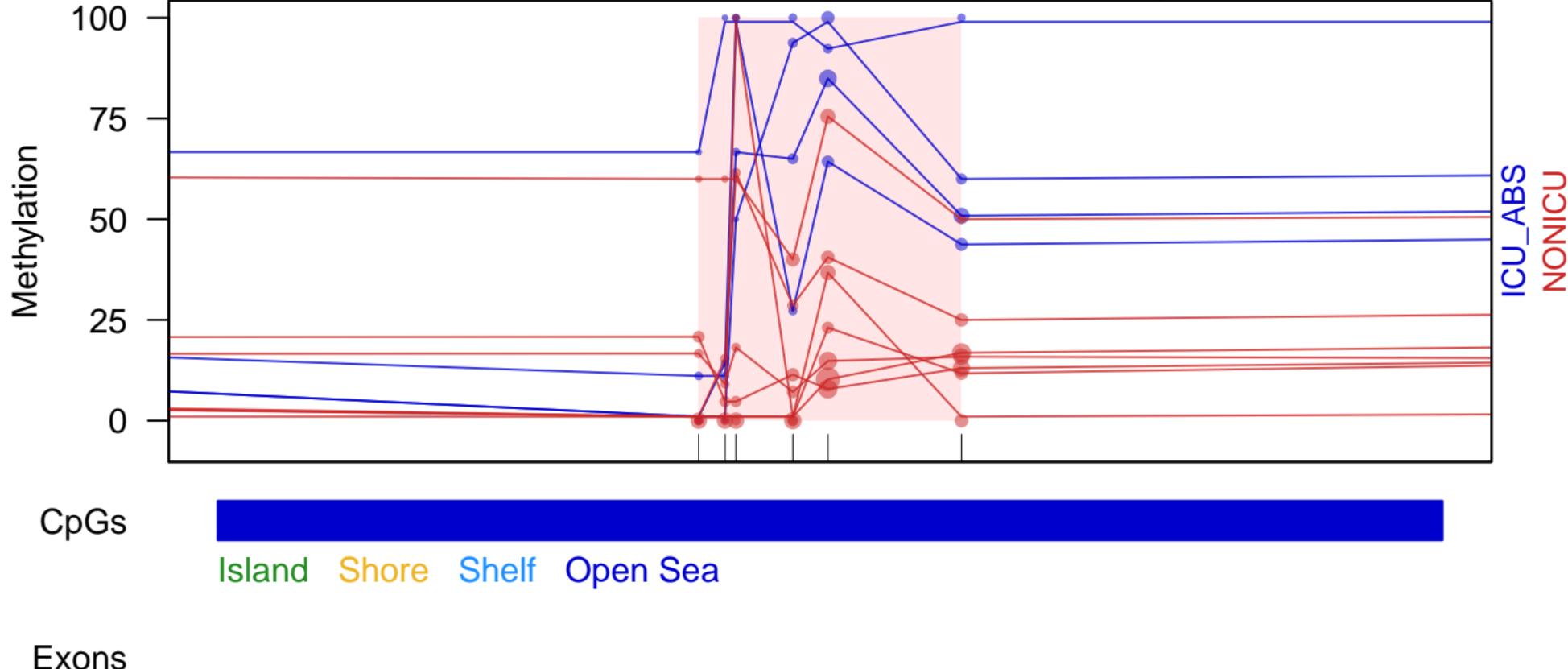
Exons



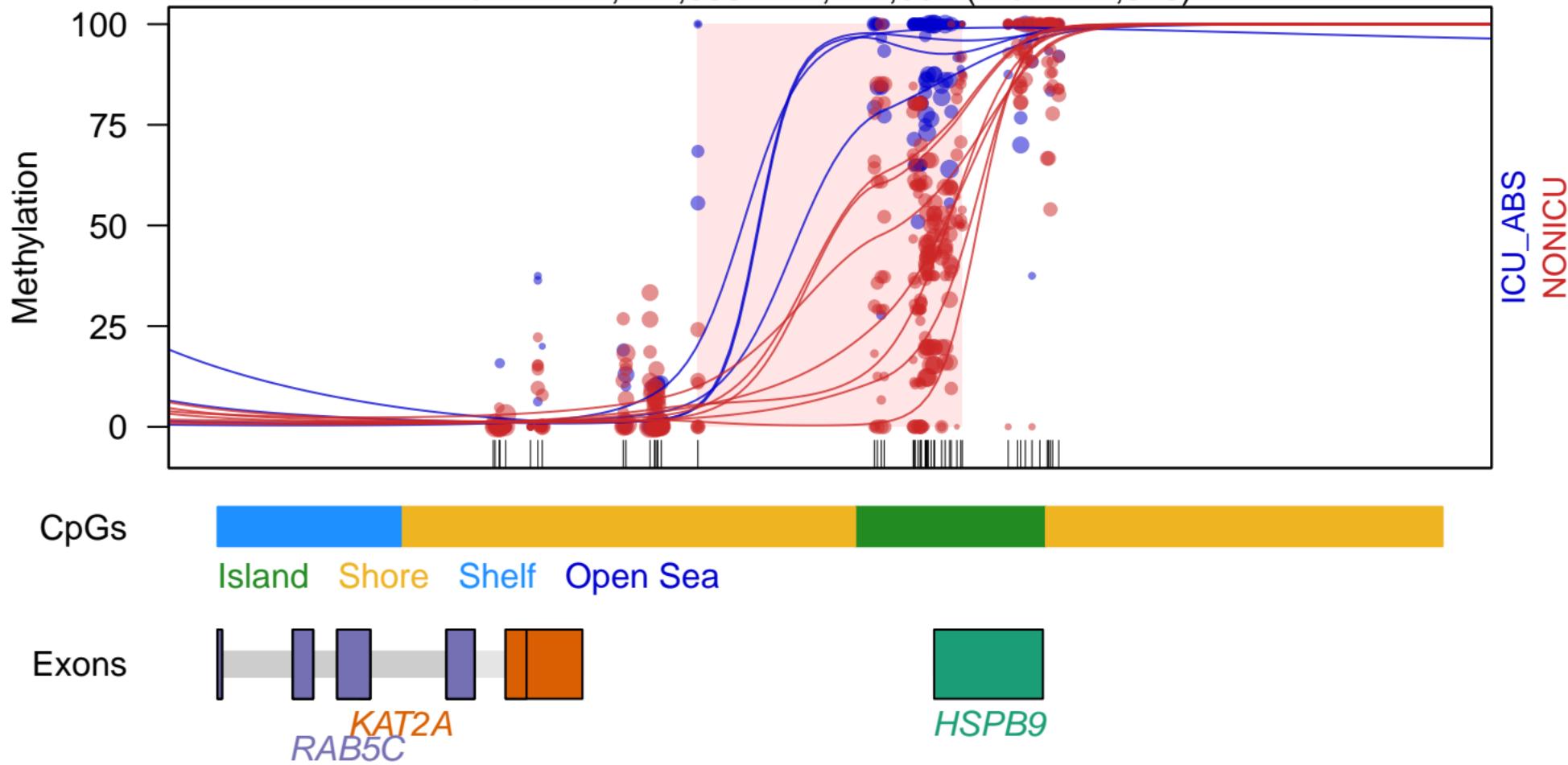
MEDAG

ICU_ABS
NONICU

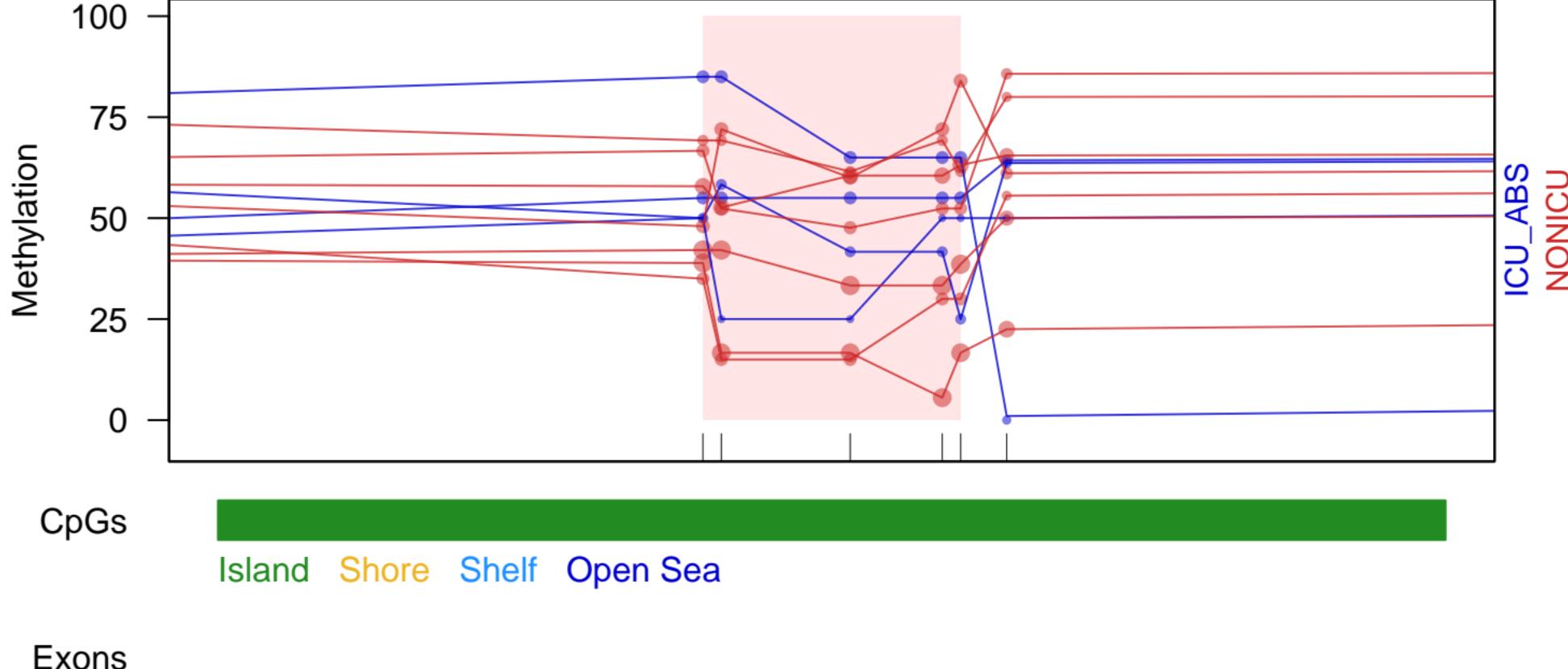
chr2: 46,335,680 – 46,335,800 (width = 121)



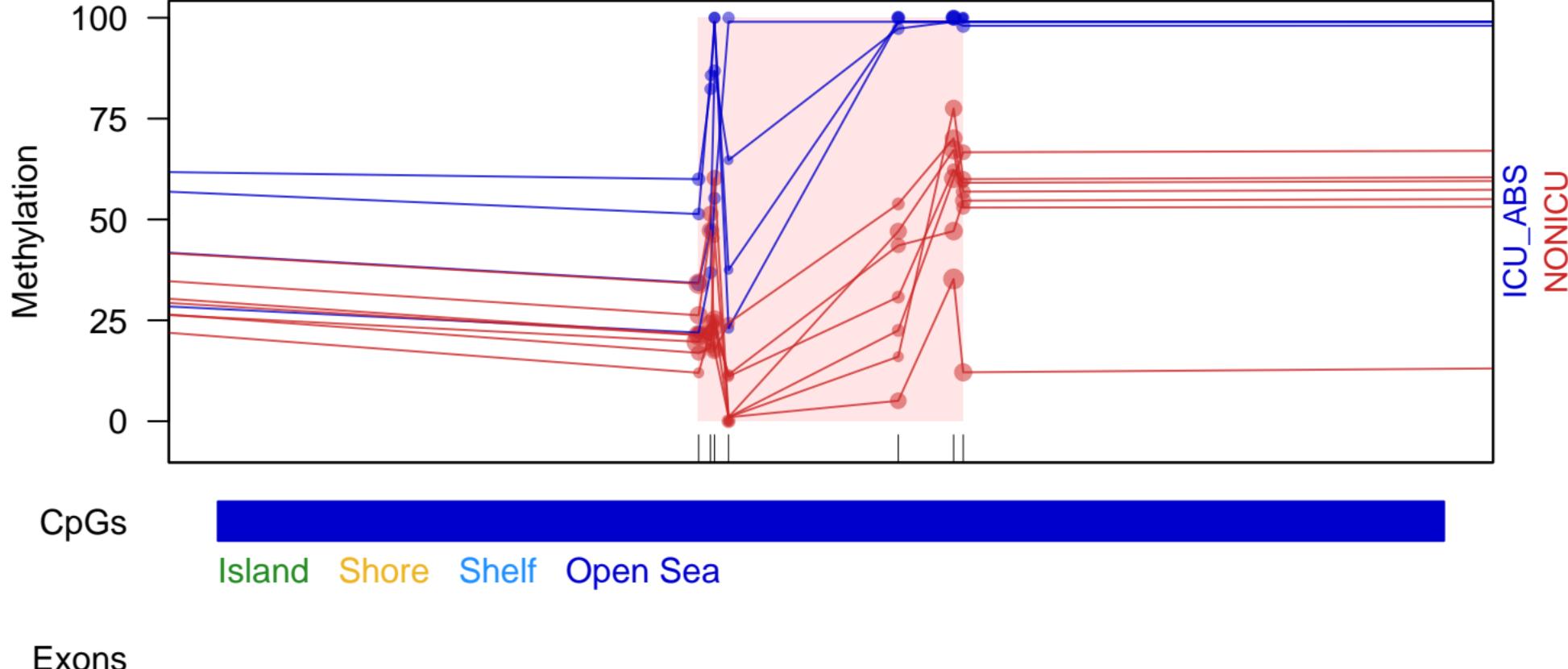
chr17: 42,121,855 – 42,122,932 (width = 1,078)



chr7: 158,997,192 – 158,997,220 (width = 29)

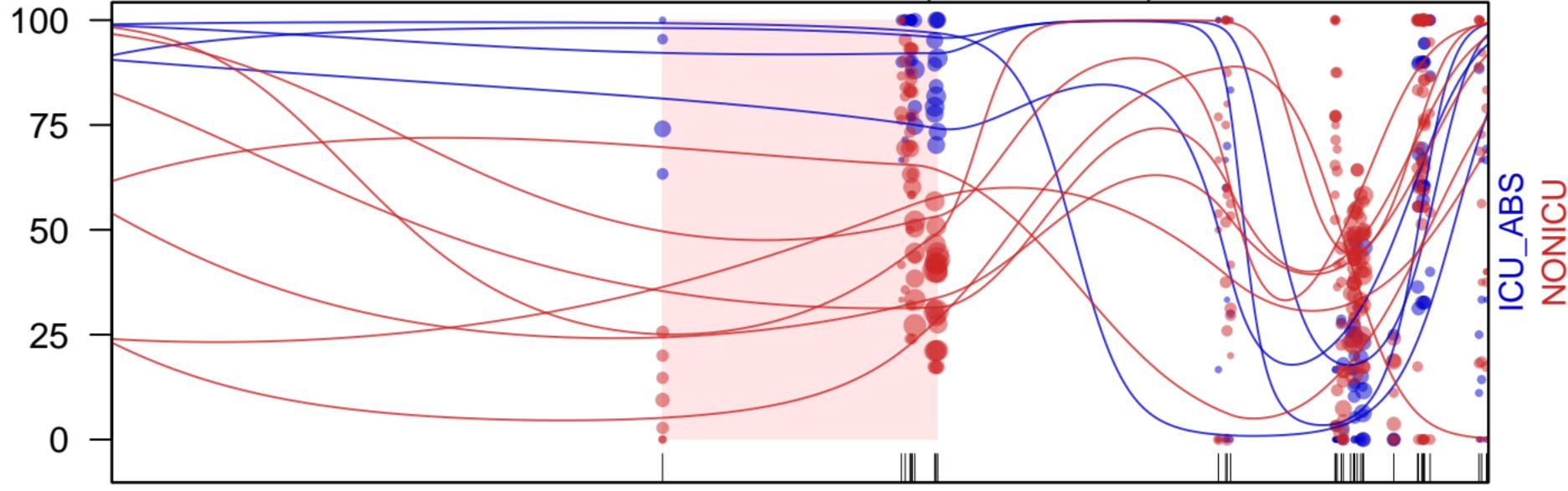


chr13: 111,658,373 – 111,659,090 (width = 718)



chr16: 1,531,224 – 1,532,308 (width = 1,085)

Methylation



CpGs



Island Shore Shelf Open Sea

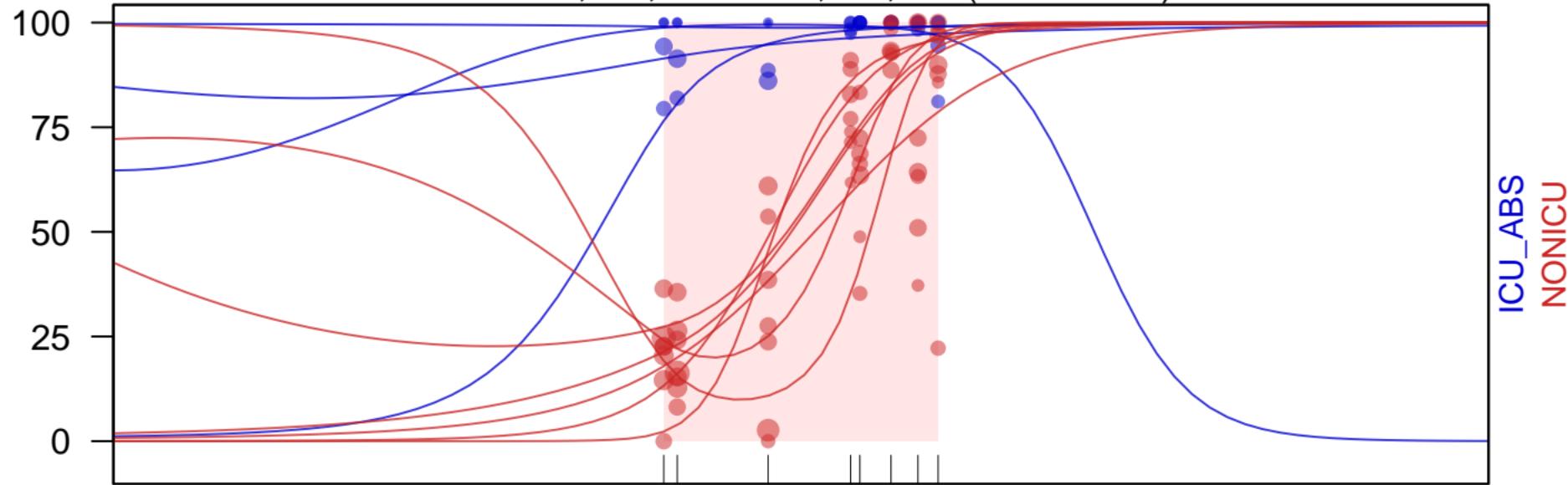
Exons



TMEM204

chr5: 179,639,564 – 179,639,890 (width = 327)

Methylation

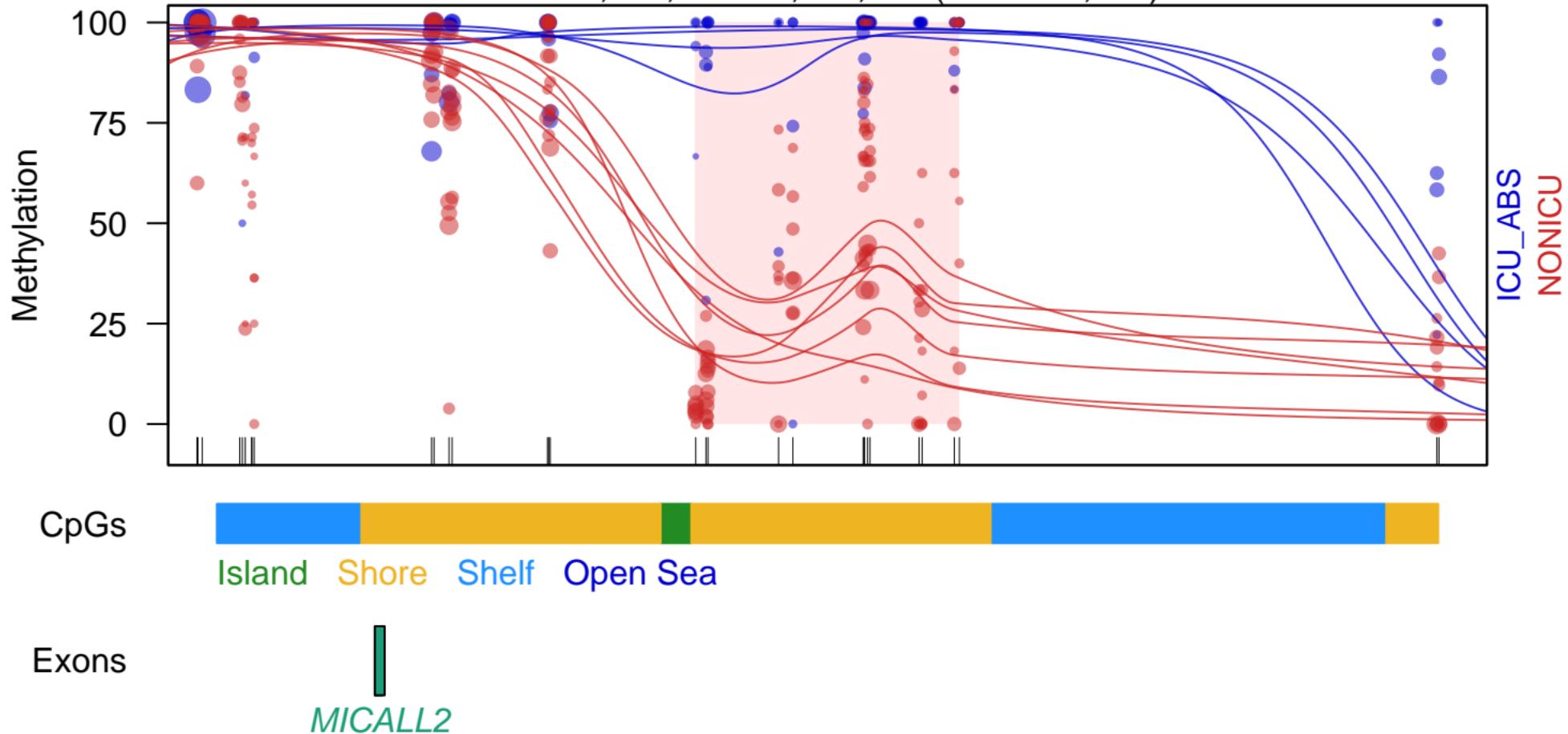


CpGs

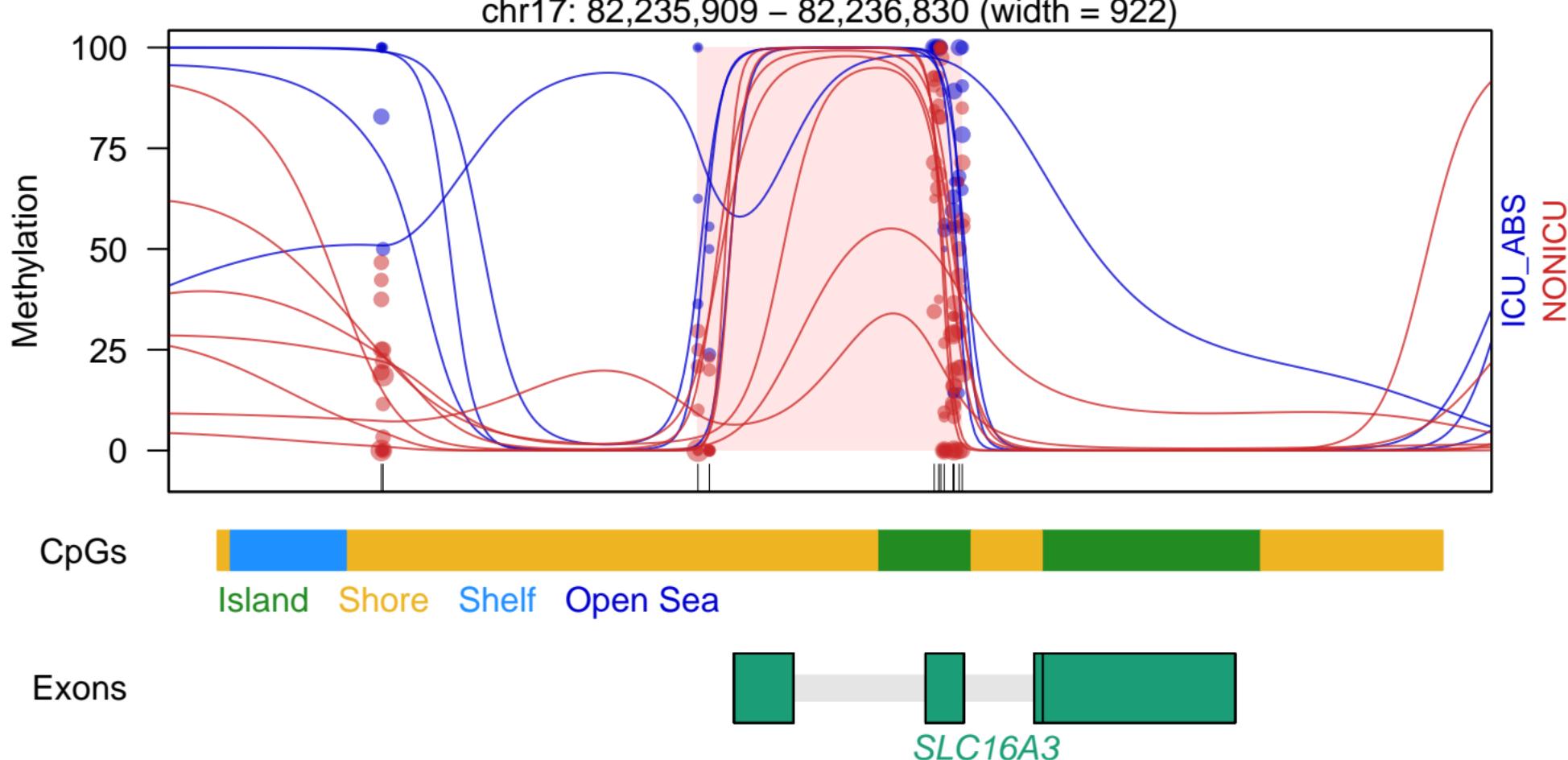
Island Shore Shelf Open Sea

Exons

chr7: 1,452,434 – 1,454,054 (width = 1,621)

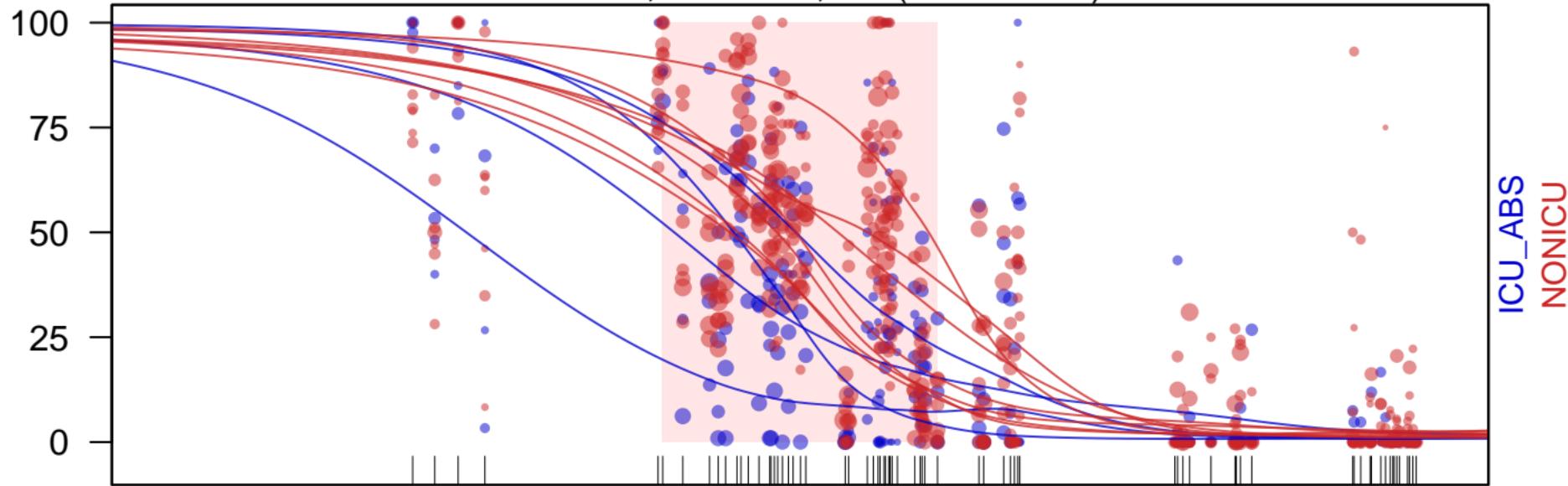


chr17: 82,235,909 – 82,236,830 (width = 922)



chr4: 784,922 – 785,333 (width = 412)

Methylation

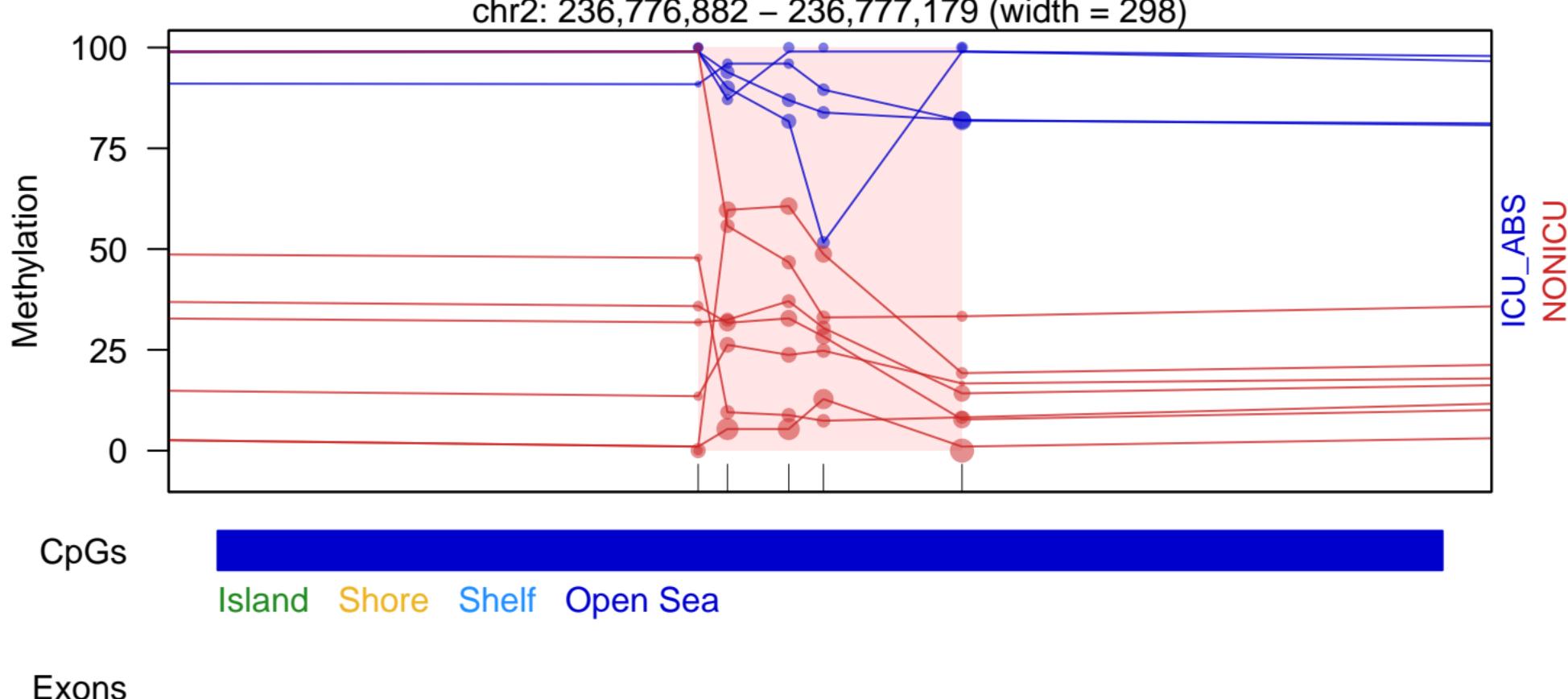


CpGs

Island Shore Shelf Open Sea

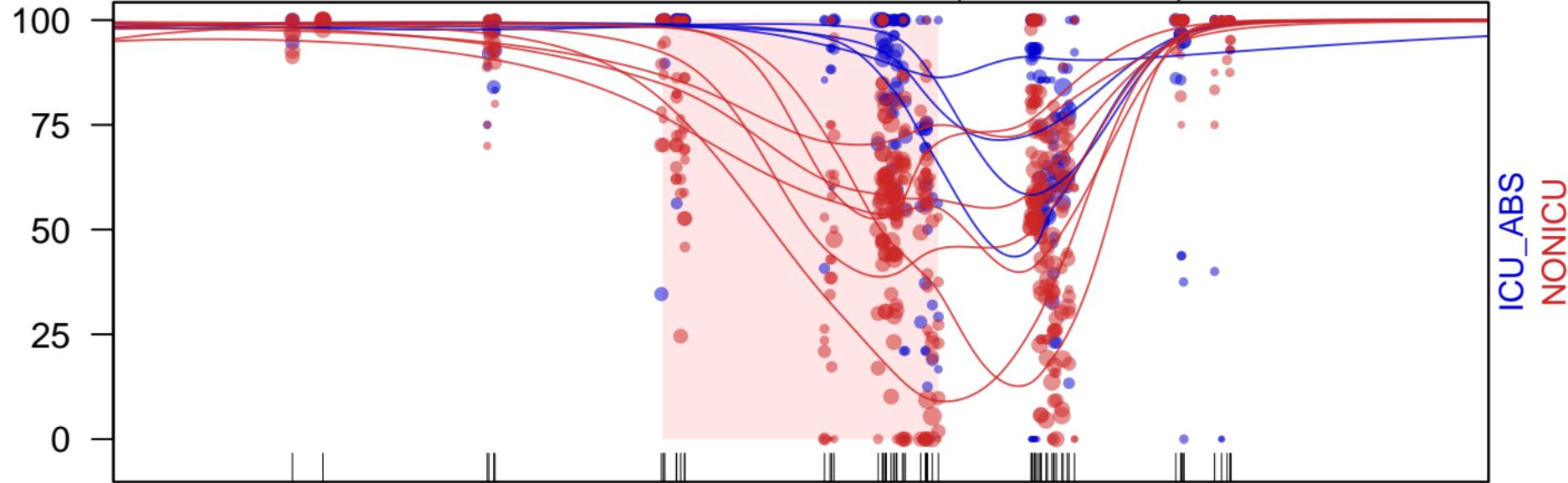
Exons

chr2: 236,776,882 – 236,777,179 (width = 298)



chr2: 241,900,447 – 241,901,907 (width = 1,461)

Methylation



CpGs

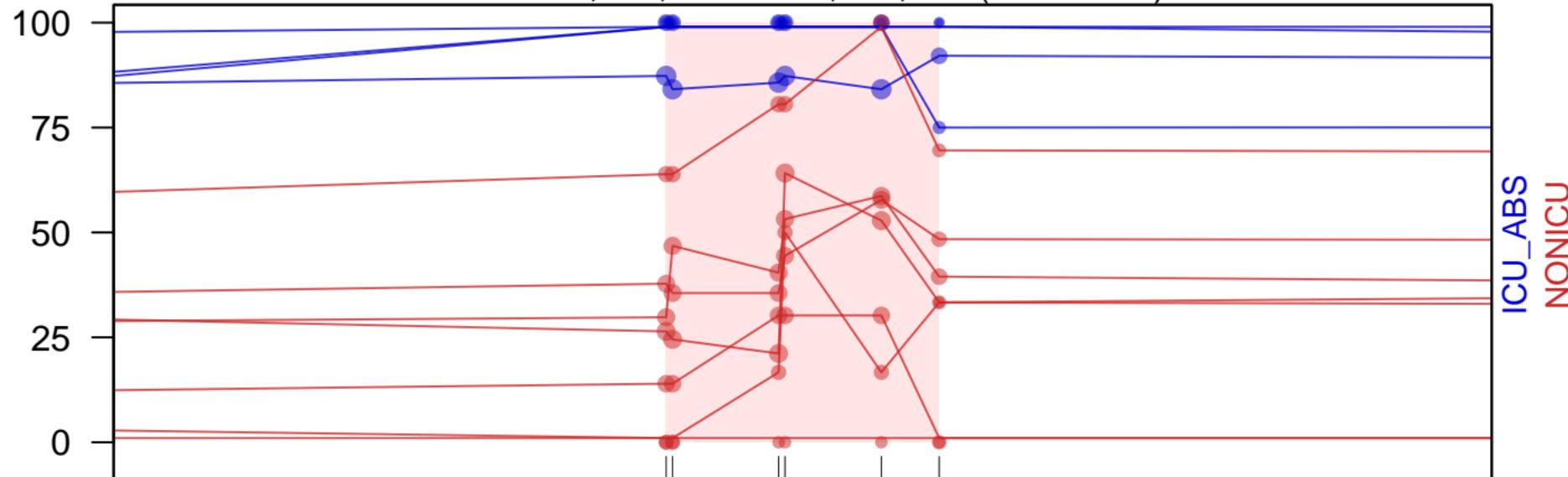


Exons

FAM240C

chr6: 170,178,764 – 170,178,849 (width = 86)

Methylation

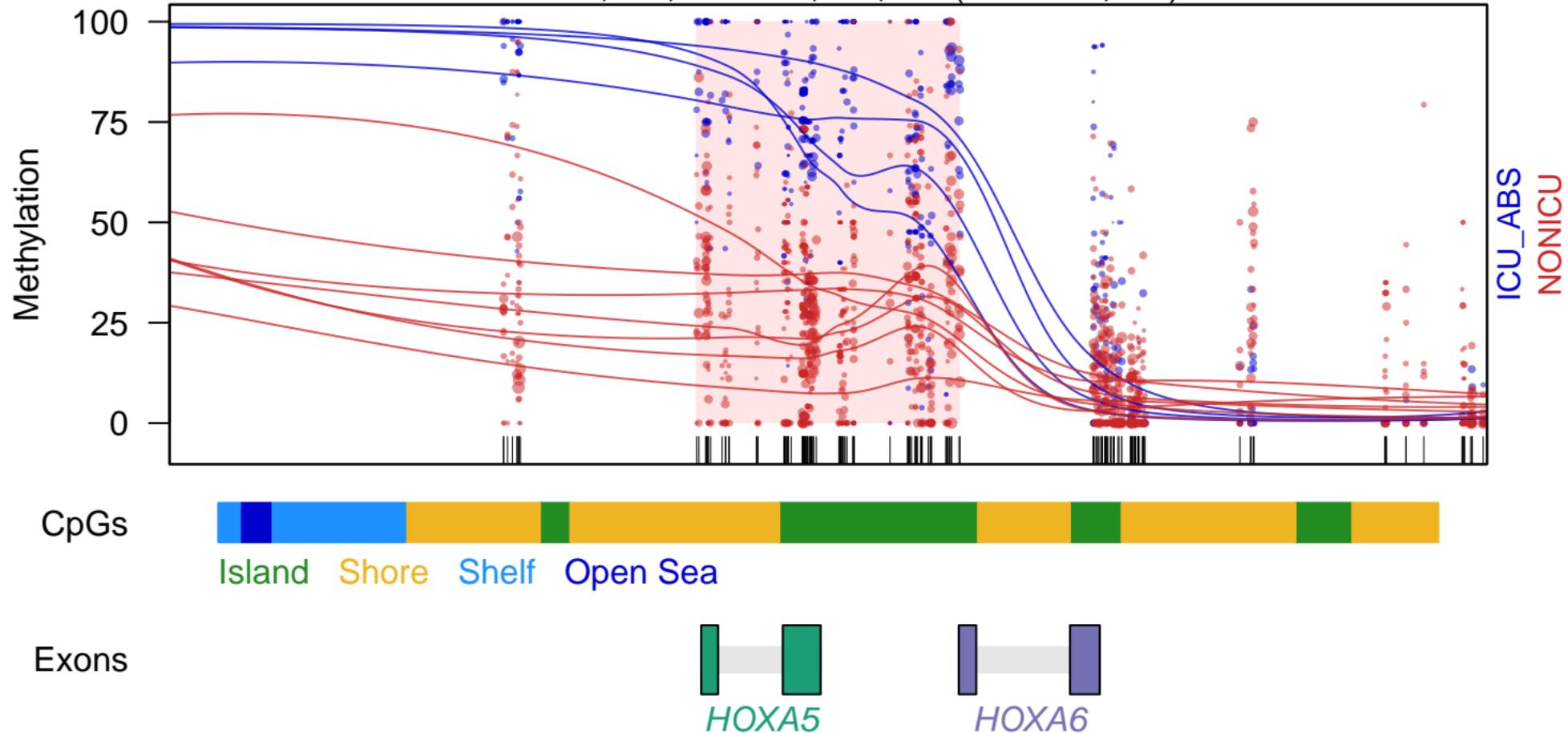


CpGs

Island Shore Shelf Open Sea

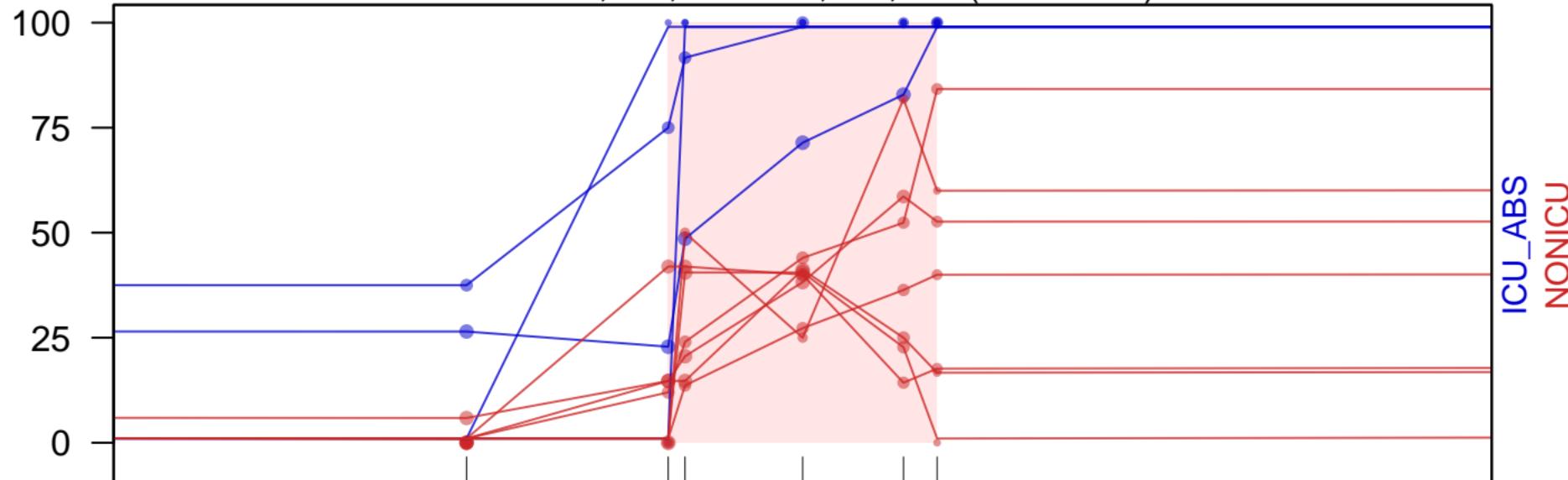
Exons

chr7: 27,141,911 – 27,145,531 (width = 3,621)



chr20: 41,232,714 – 41,232,746 (width = 33)

Methylation



CpGs

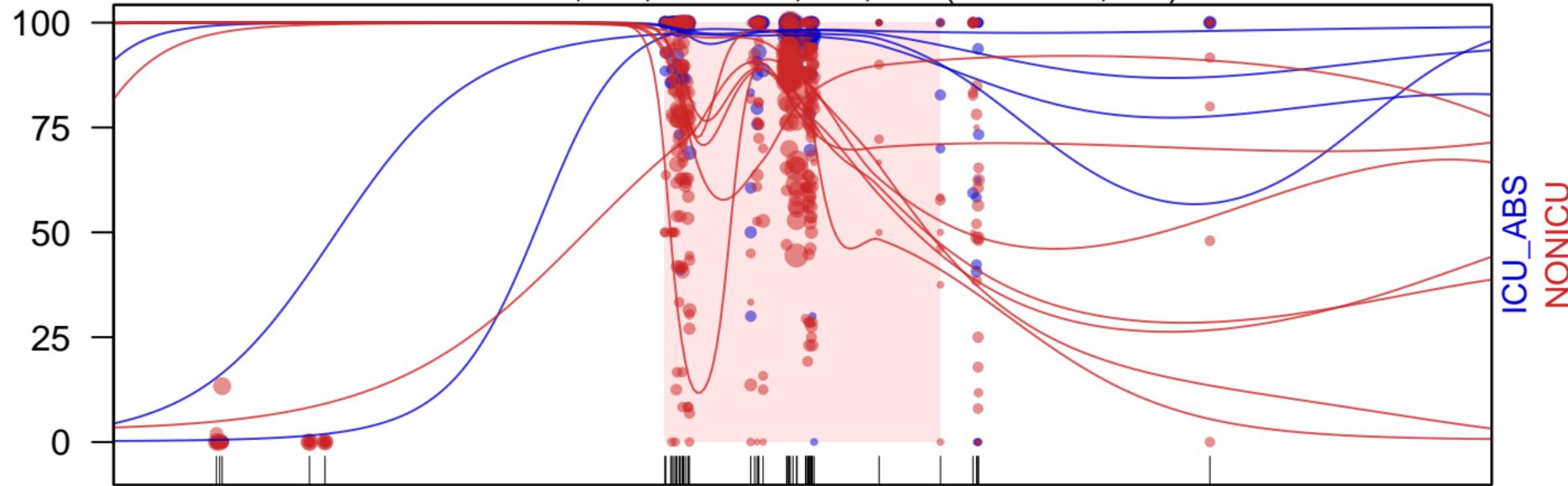
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr19: 44,757,096 – 44,759,279 (width = 2,184)

Methylation



CpGs



Island Shore Shelf Open Sea

Exons

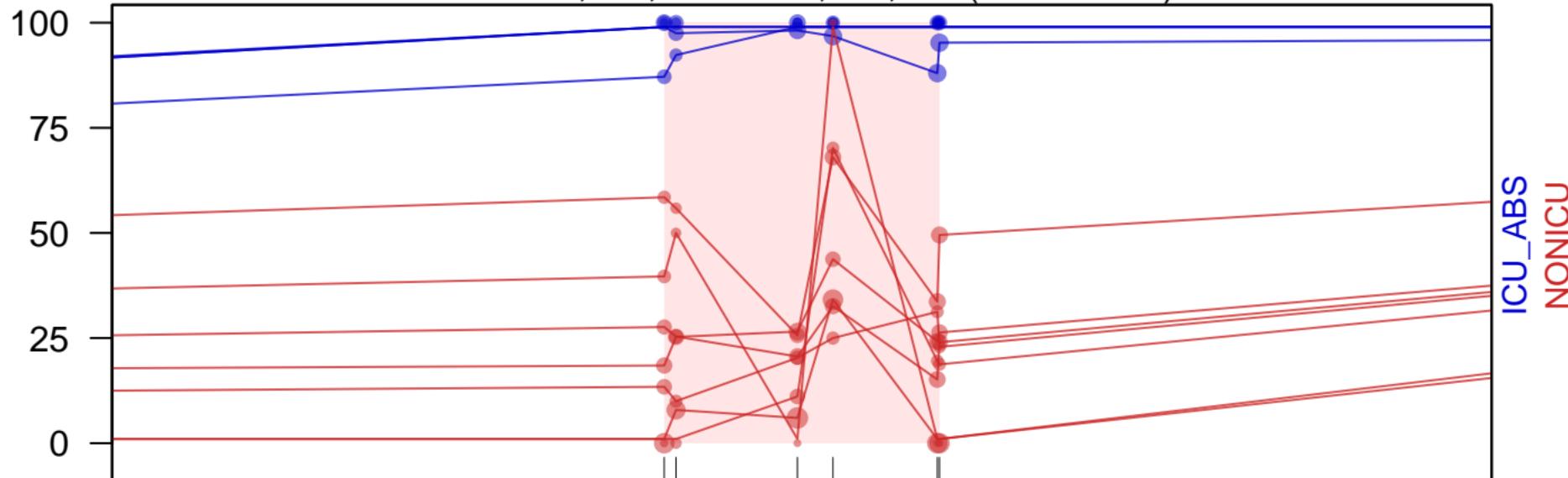


BCL3

ICU_ABS
NONICU

chr5: 138,502,472 – 138,502,844 (width = 373)

Methylation



CpGs

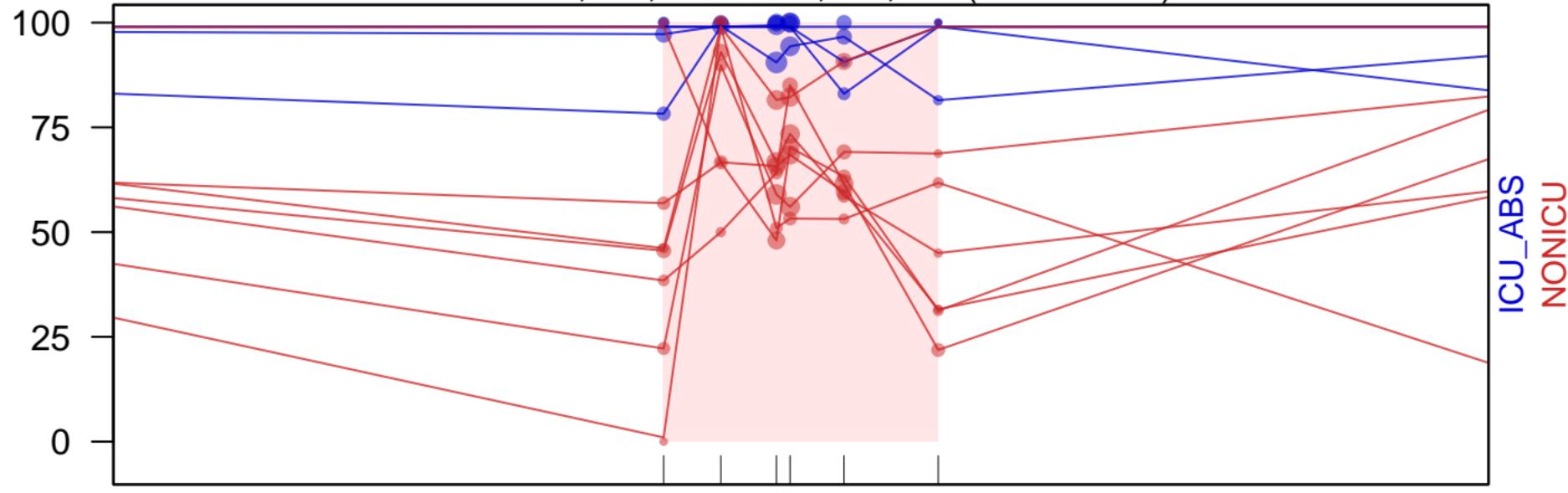
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr9: 127,741,427 – 127,741,931 (width = 505)

Methylation



CpGs

Island Shore Shelf Open Sea

Exons

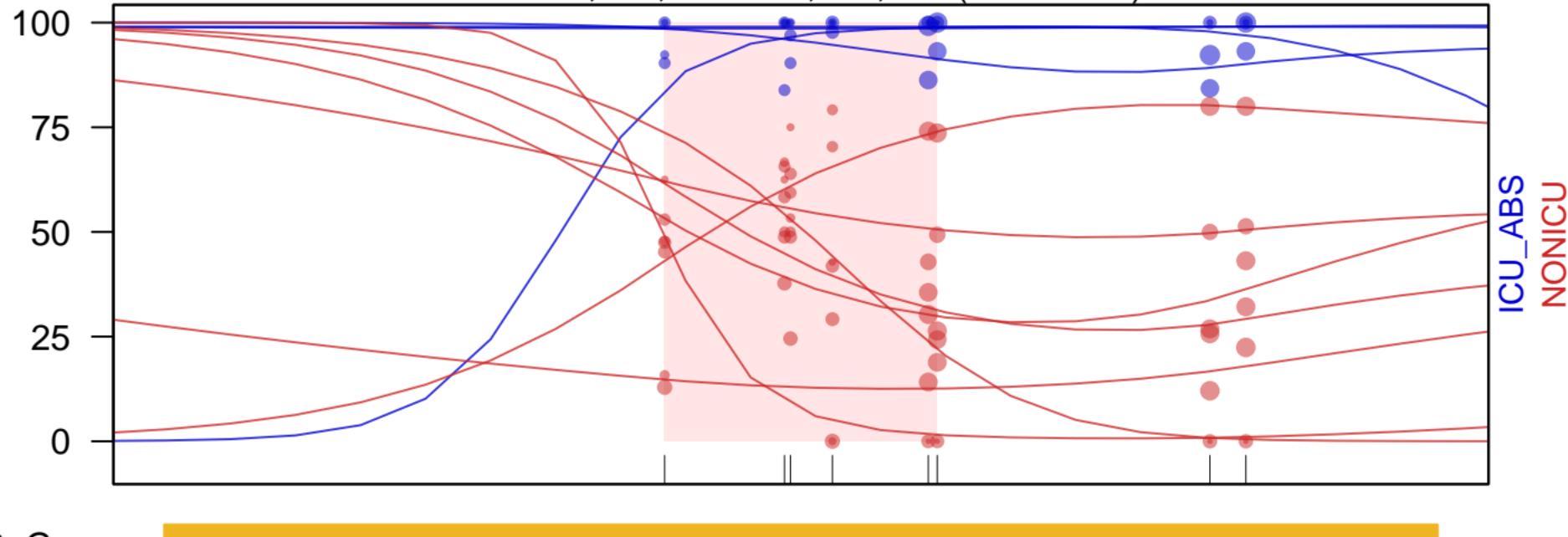


SH2D3C



chr6: 37,817,809 – 37,817,900 (width = 92)

Methylation



CpGs

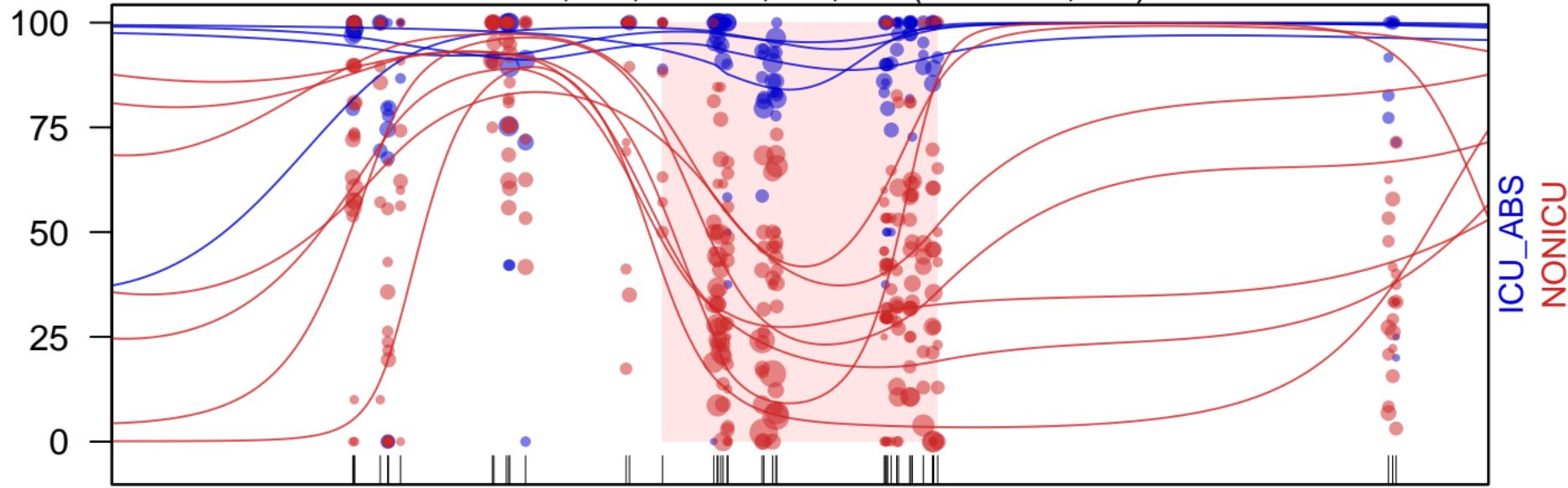
Island Shore Shelf Open Sea

Exons

ICU_ABS
NONICU

chr1: 2,427,401 – 2,428,948 (width = 1,548)

Methylation



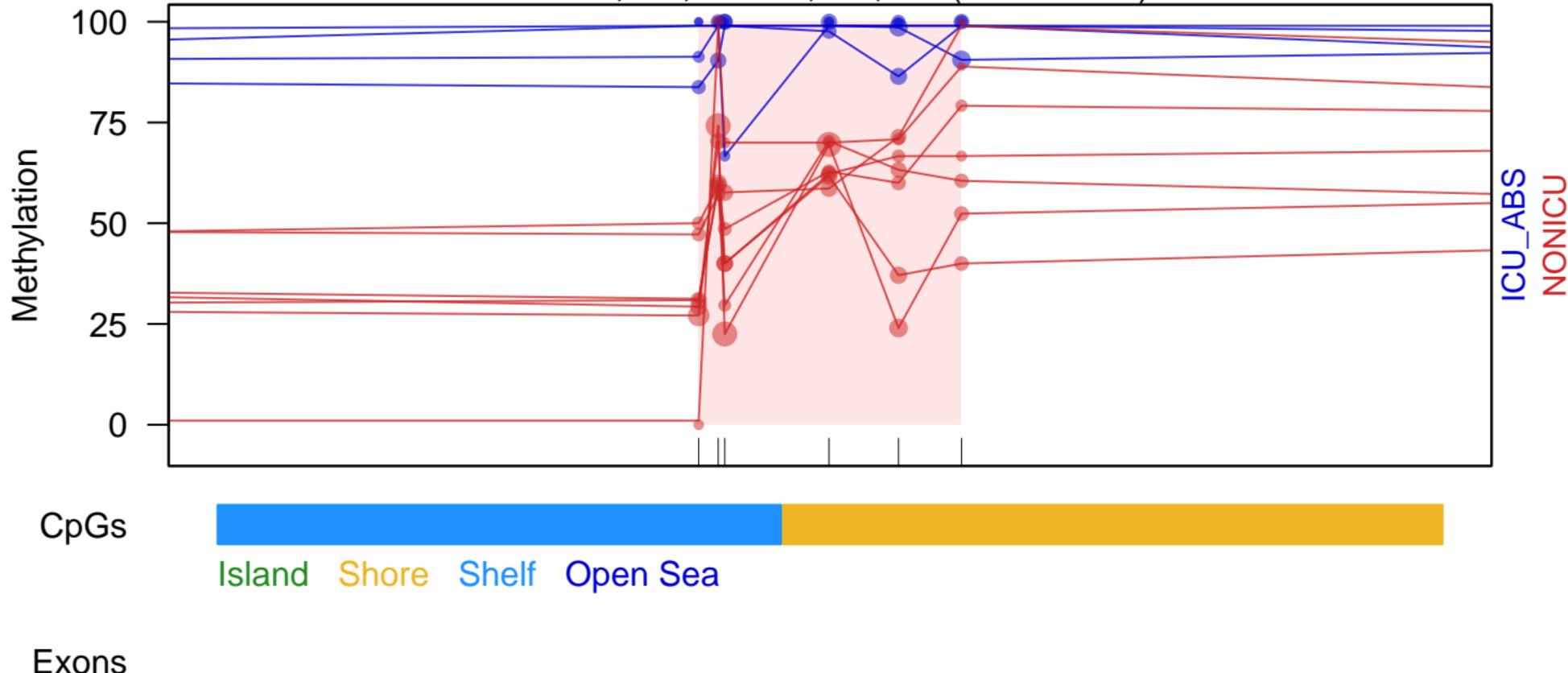
CpGs



Exons

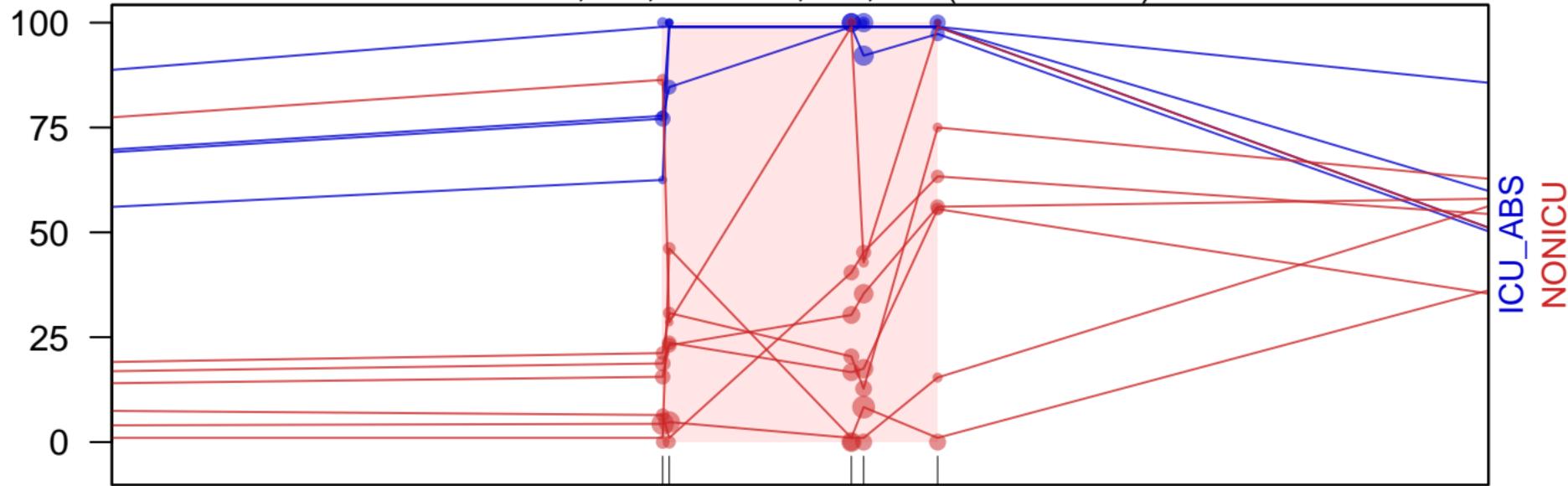
PLCH2

chr1: 3,109,578 – 3,109,699 (width = 122)



chr6: 36,998,426 – 36,999,054 (width = 629)

Methylation

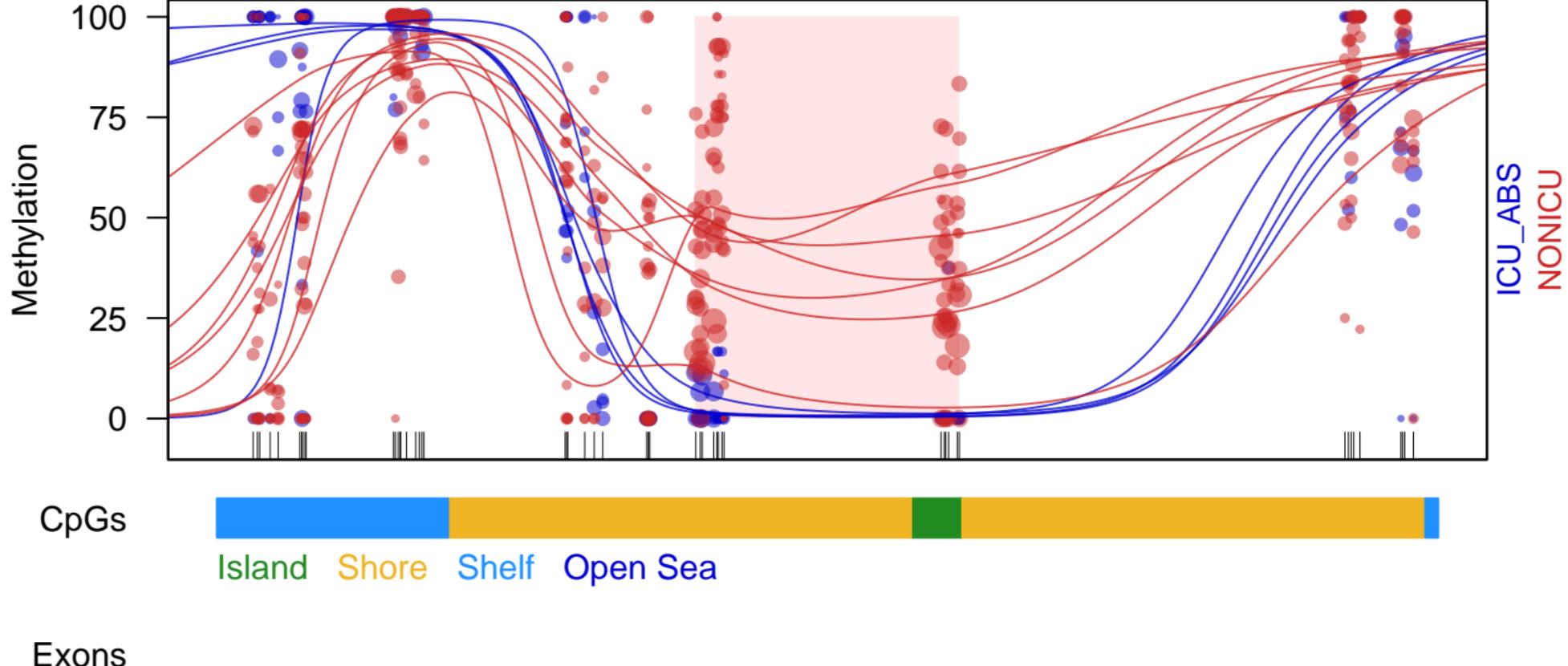


CpGs

Island Shore Shelf Open Sea

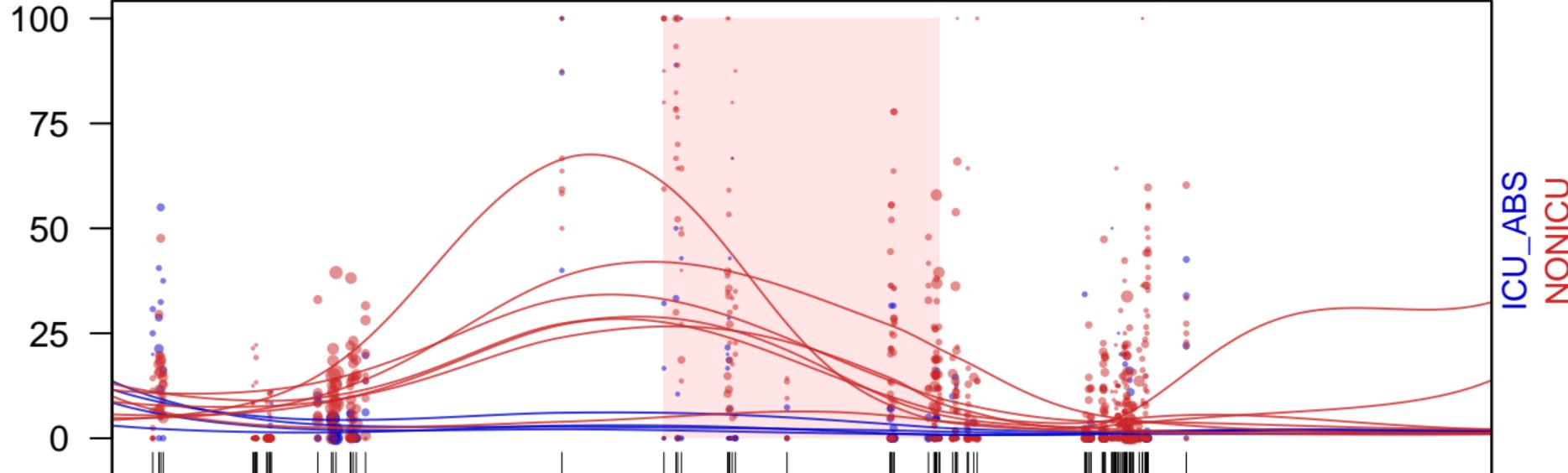
Exons

chr19: 3,671,015 – 3,672,069 (width = 1,055)



chr1: 47,228,751 – 47,230,900 (width = 2,150)

Methylation



CpGs

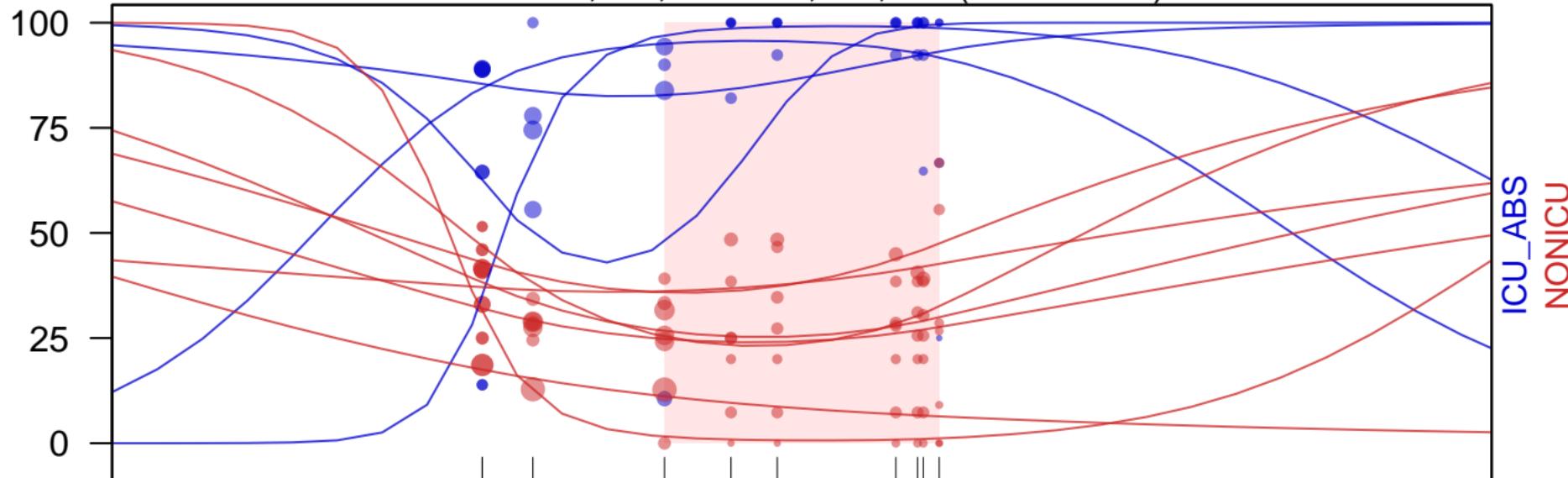


Exons



chr19: 13,036,376 – 13,036,566 (width = 191)

Methylation

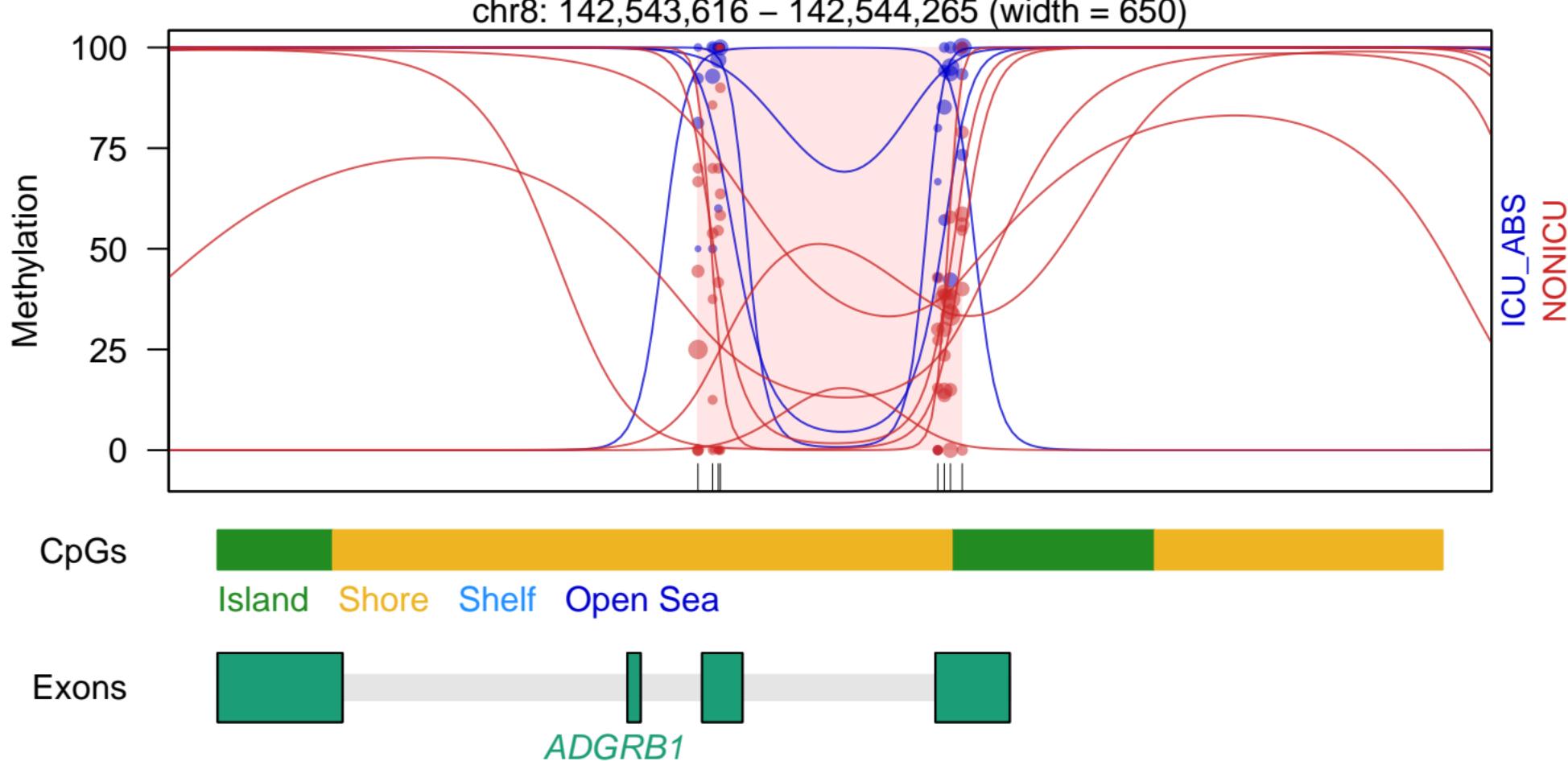


CpGs

Island Shore Shelf Open Sea

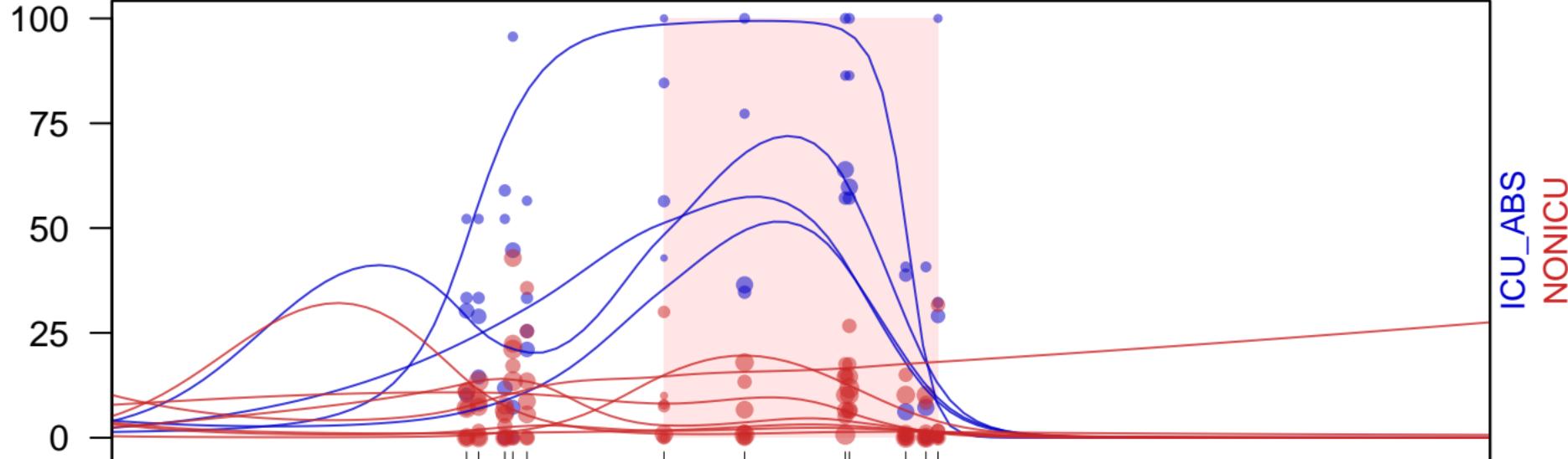
Exons

chr8: 142,543,616 – 142,544,265 (width = 650)



chr9: 134,069,155 – 134,069,291 (width = 137)

Methylation



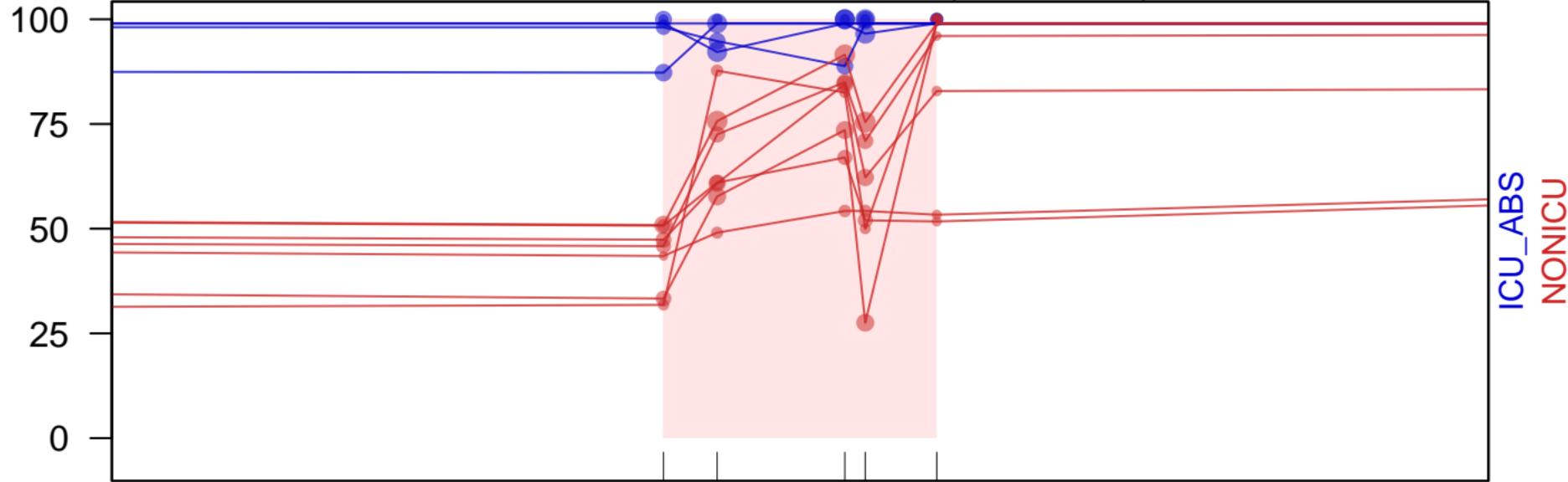
CpGs

Island Shore Shelf Open Sea

Exons

chr8: 37,933,226 – 37,933,333 (width = 108)

Methylation



CpGs

Island Shore Shelf Open Sea

Exons