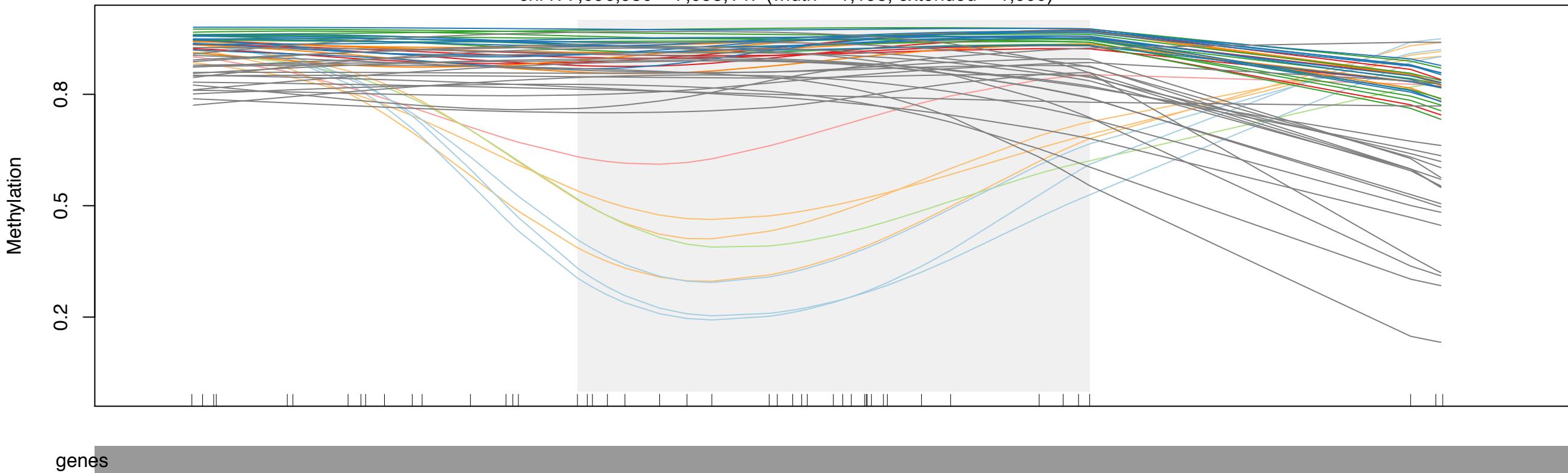


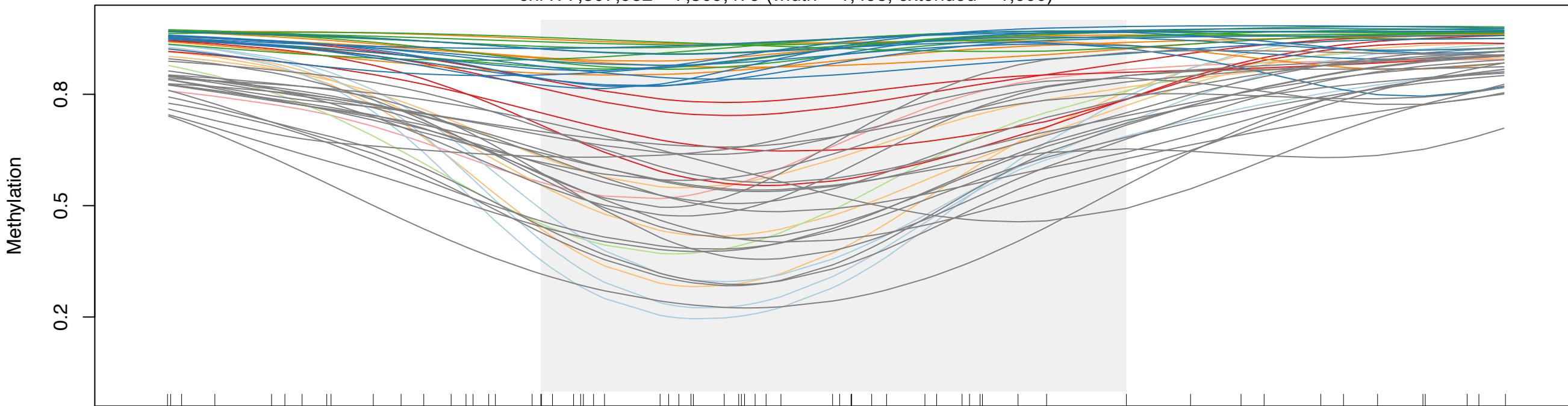
chr1: 7,096,950 – 7,098,147 (width = 1,198, extended = 1,000)



genes

exons

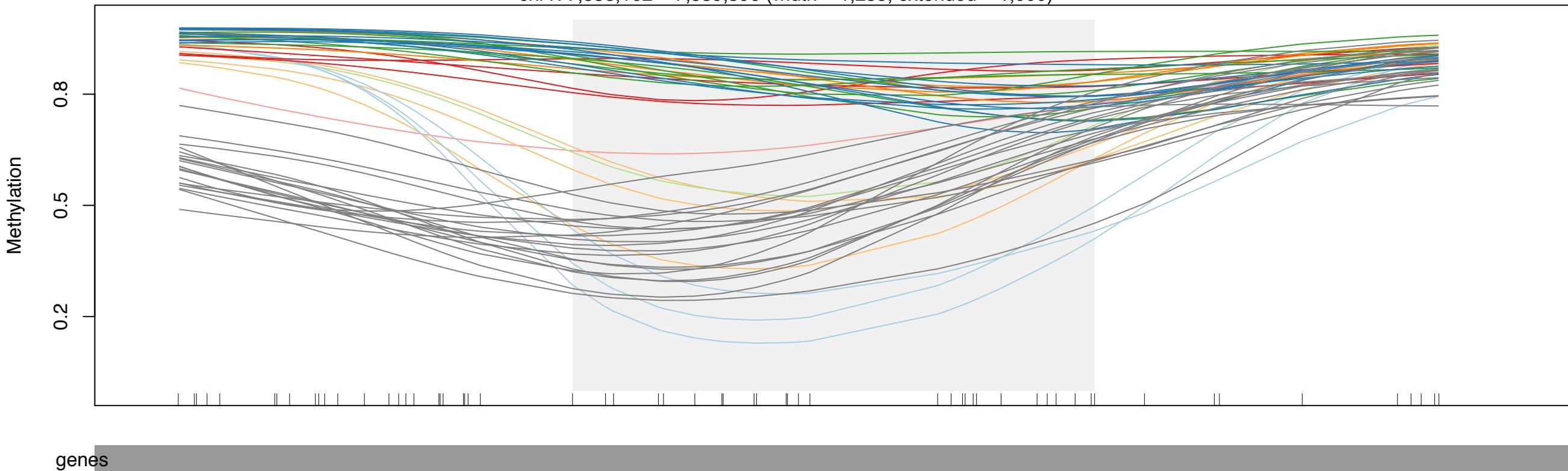
chr1: 7,307,982 – 7,309,479 (width = 1,498, extended = 1,000)



genes

exons

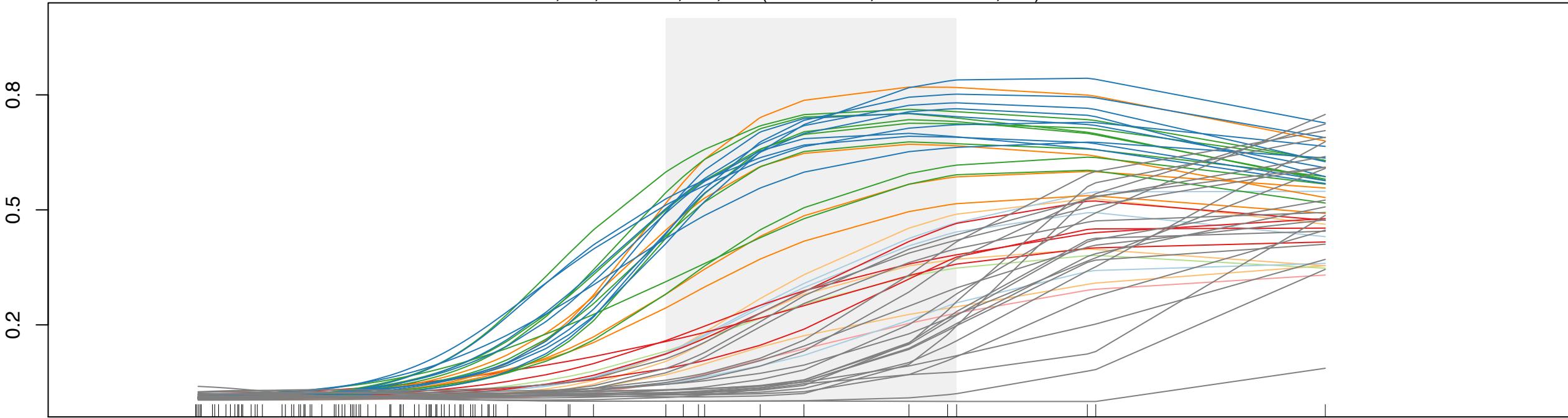
chr1: 7,538,162 – 7,539,396 (width = 1,235, extended = 1,000)



exons

chr1: 39,875,541 – 39,876,059 (width = 519, extended = 1,000)

Methylation



genes

exons

chr1: 70,382,203 – 70,382,203 (width = 1, extended = 1,000)

Methylation

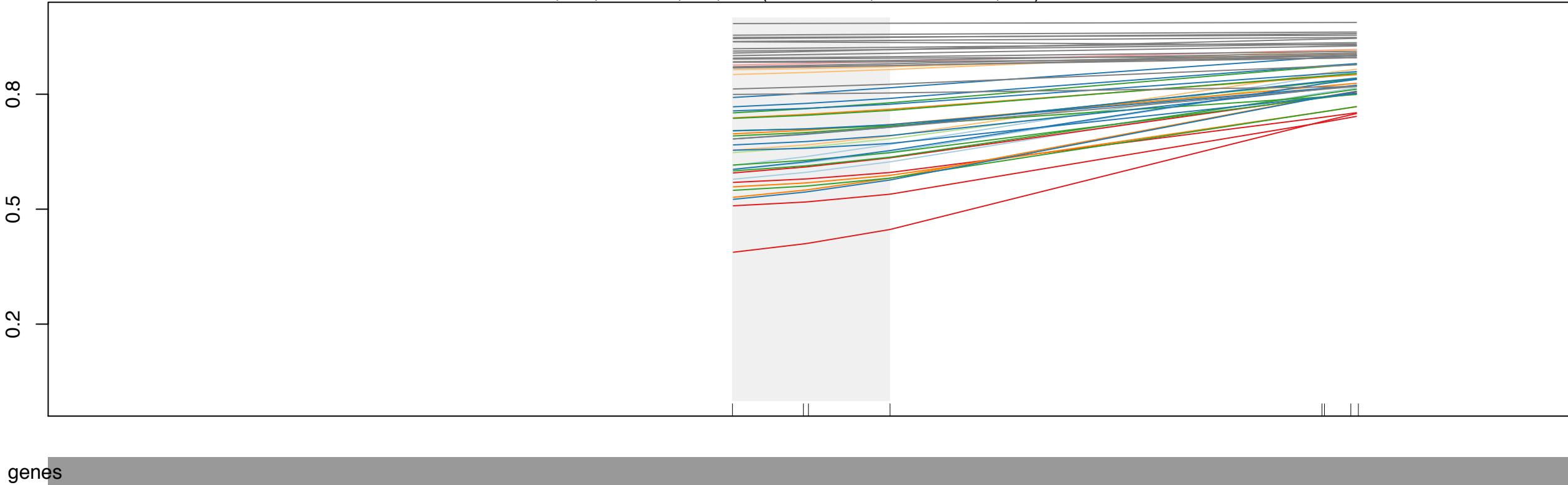
0.8
0.5
0.2

genes

exons

chr1: 78,214,226 – 78,214,477 (width = 252, extended = 1,000)

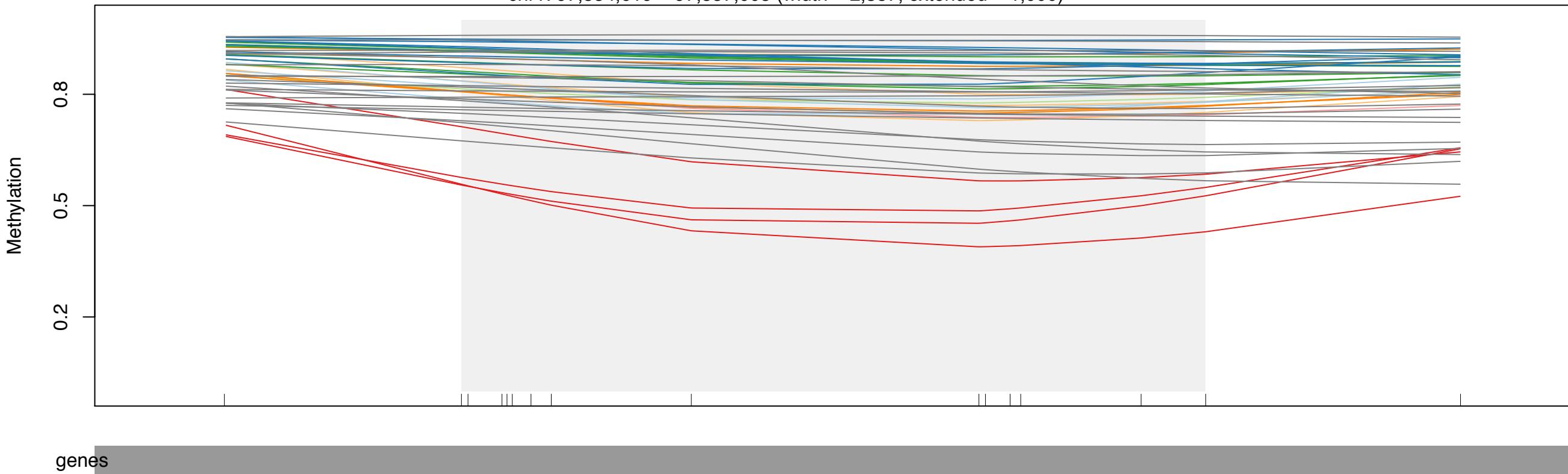
Methylation



genes

exons

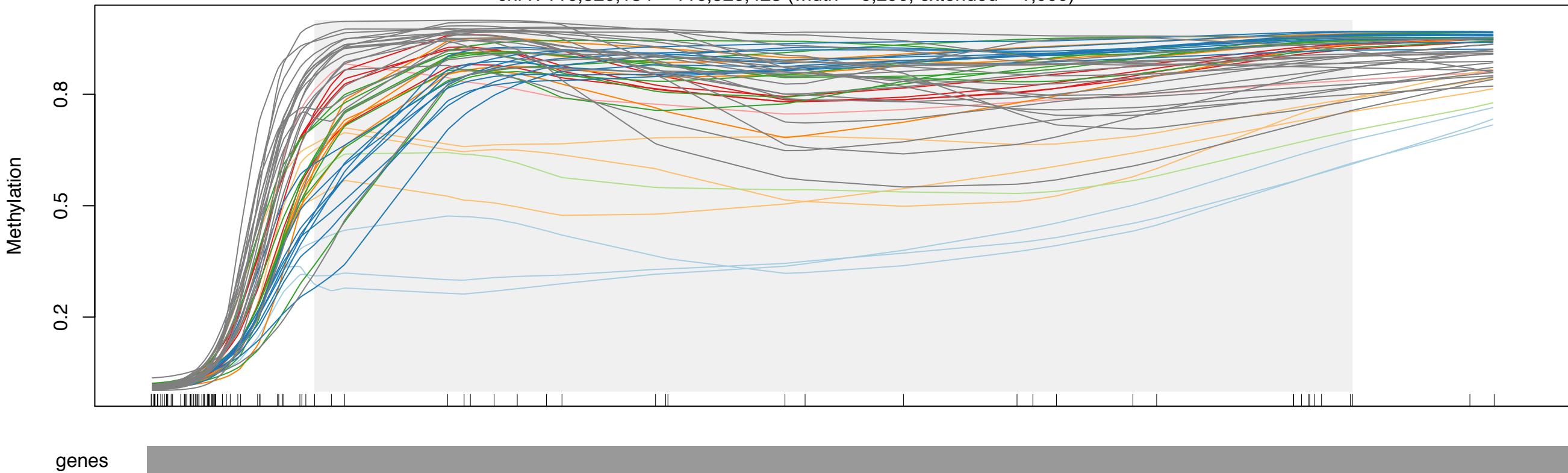
chr1: 97,554,619 – 97,557,005 (width = 2,387, extended = 1,000)



genes

exons

chr1: 116,520,134 – 116,526,423 (width = 6,290, extended = 1,000)



genes

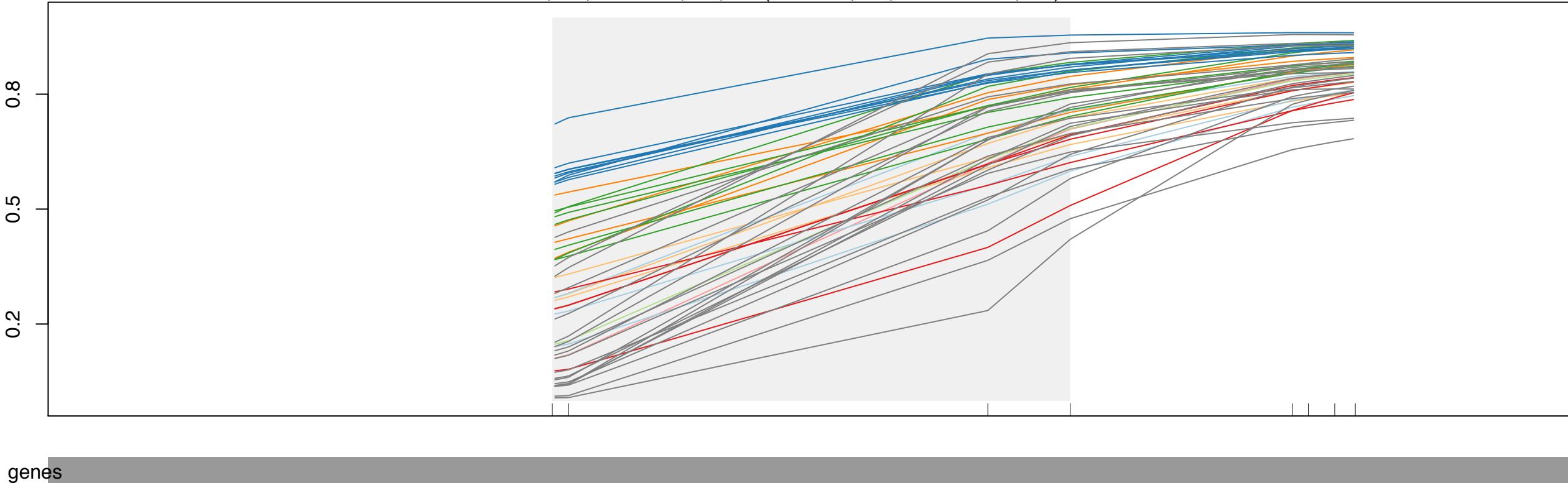


exons



chr1: 145,479,291 – 145,480,448 (width = 1,158, extended = 1,000)

Methylation

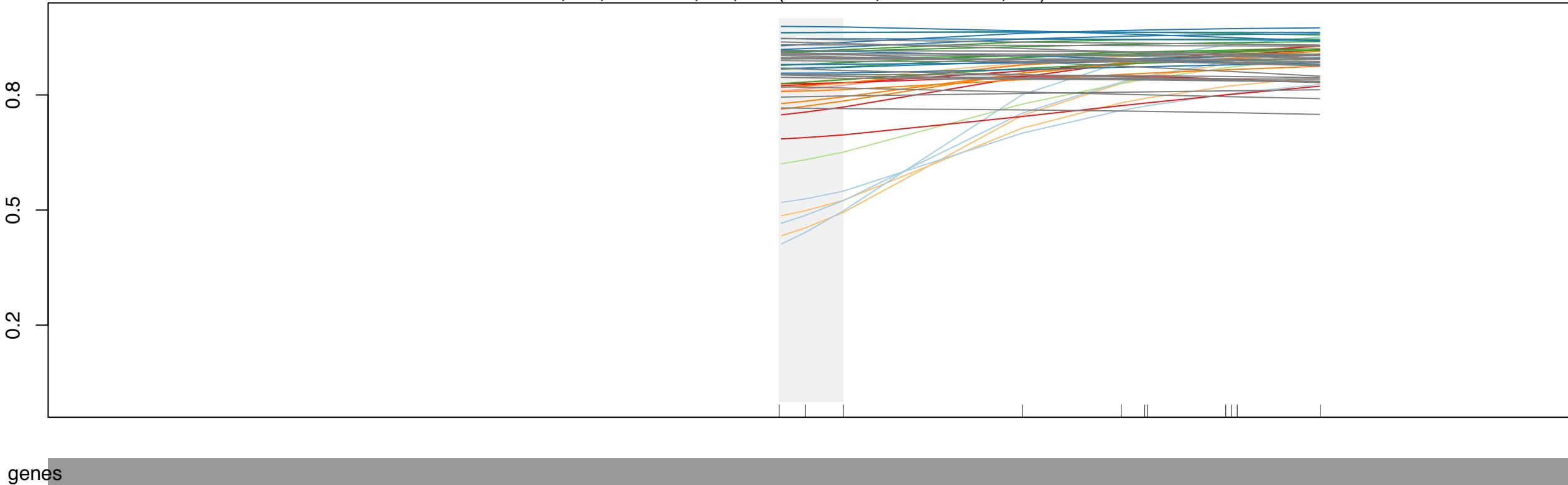


genes

exons

chr1: 146,702,815 – 146,702,910 (width = 96, extended = 1,000)

Methylation

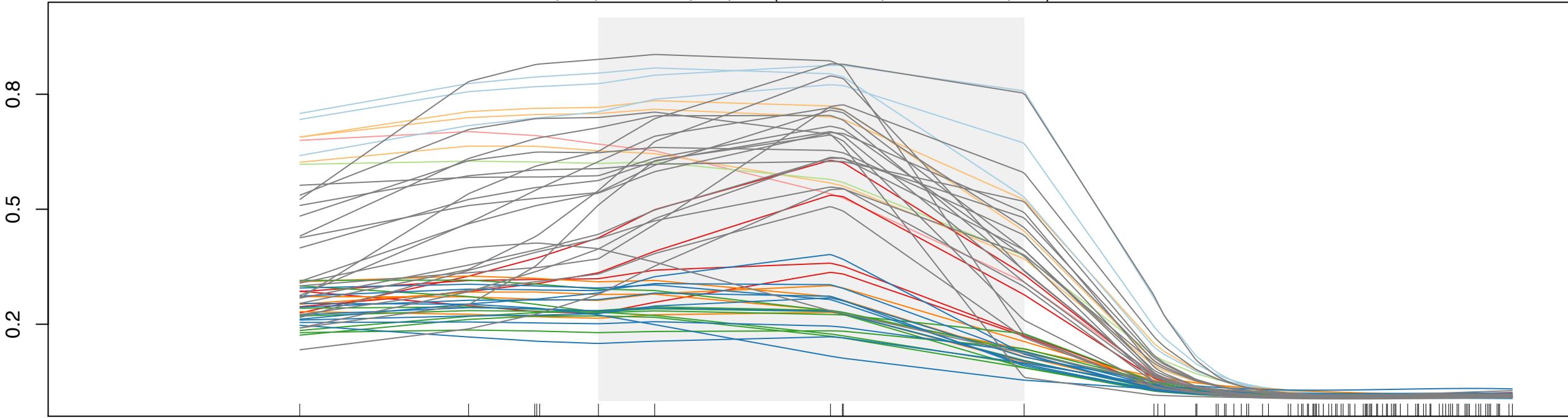


genes

exons

chr1: 208,415,239 – 208,416,101 (width = 863, extended = 1,000)

Methylation

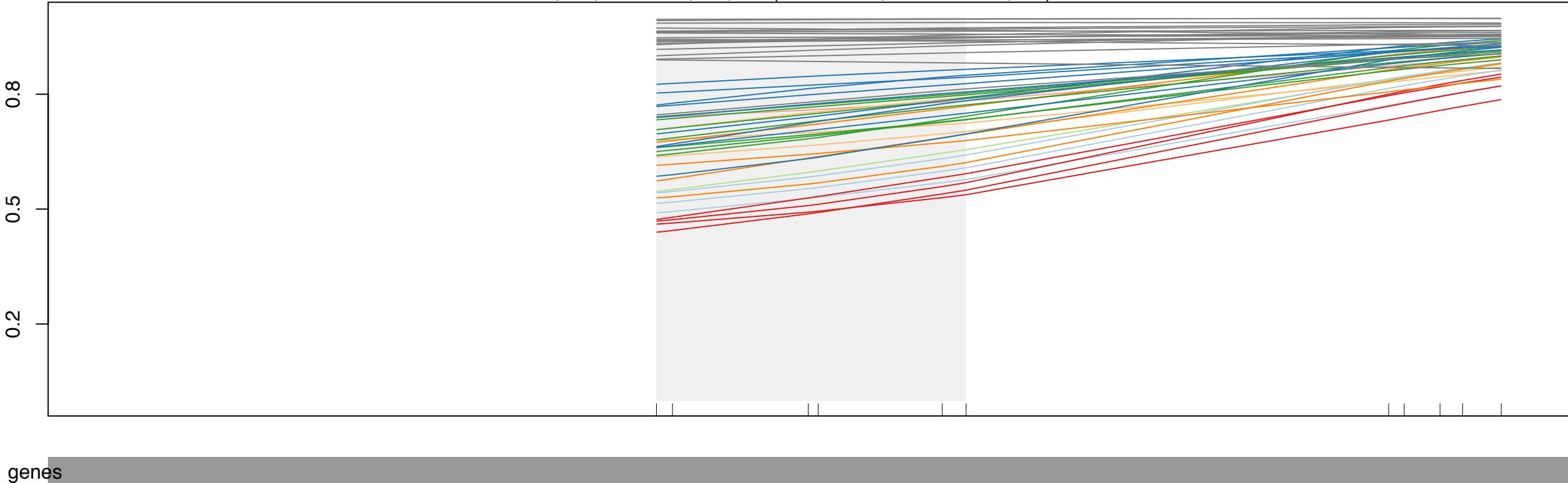


genes

exons

chr1: 243,399,614 – 243,400,175 (width = 562, extended = 1,000)

Methylation



genes

exons

chr1: 243,415,484 – 243,415,484 (width = 1, extended = 1,000)

Methylation

0.8
0.5
0.2

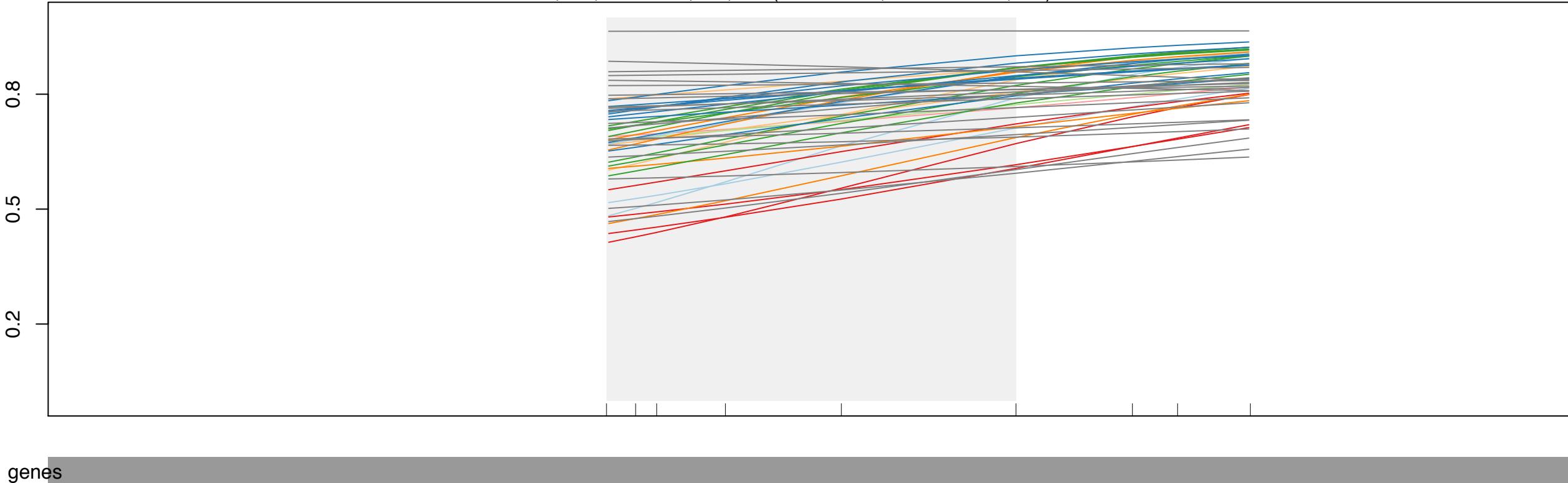
genes

exons



chr1: 243,509,135 – 243,509,951 (width = 817, extended = 1,000)

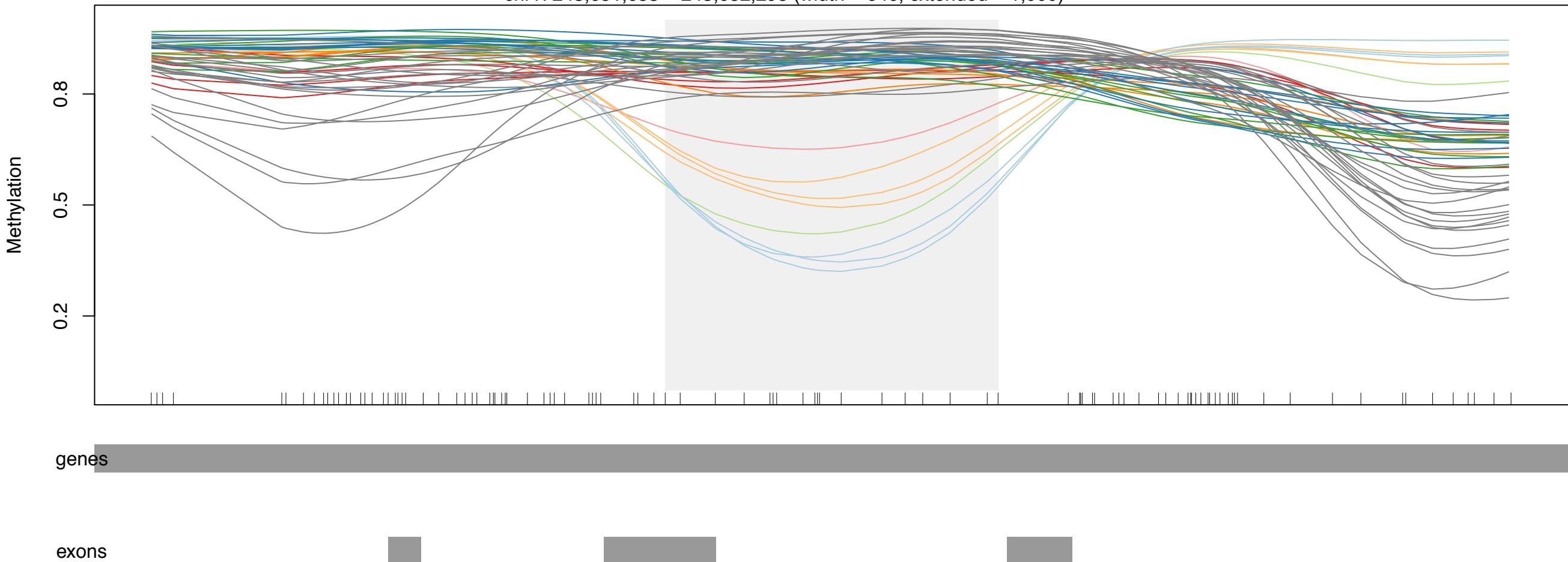
Methylation



genes

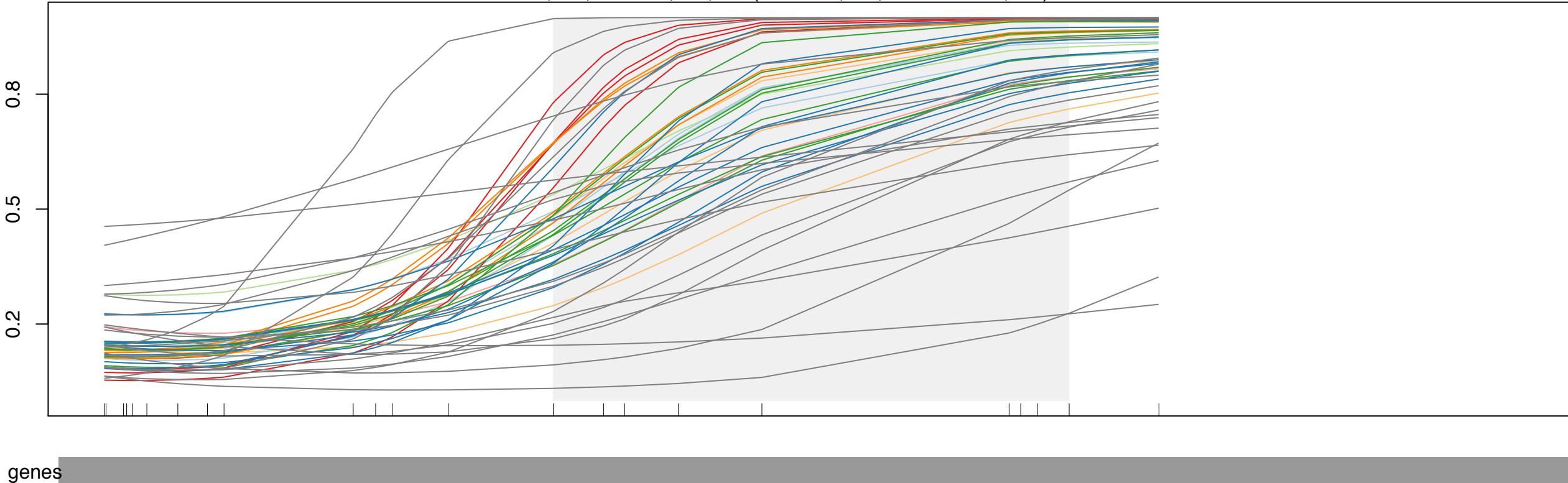
exons

chr1: 243,651,653 – 243,652,298 (width = 646, extended = 1,000)



chr2: 84,744,681 – 84,745,831 (width = 1,151, extended = 1,000)

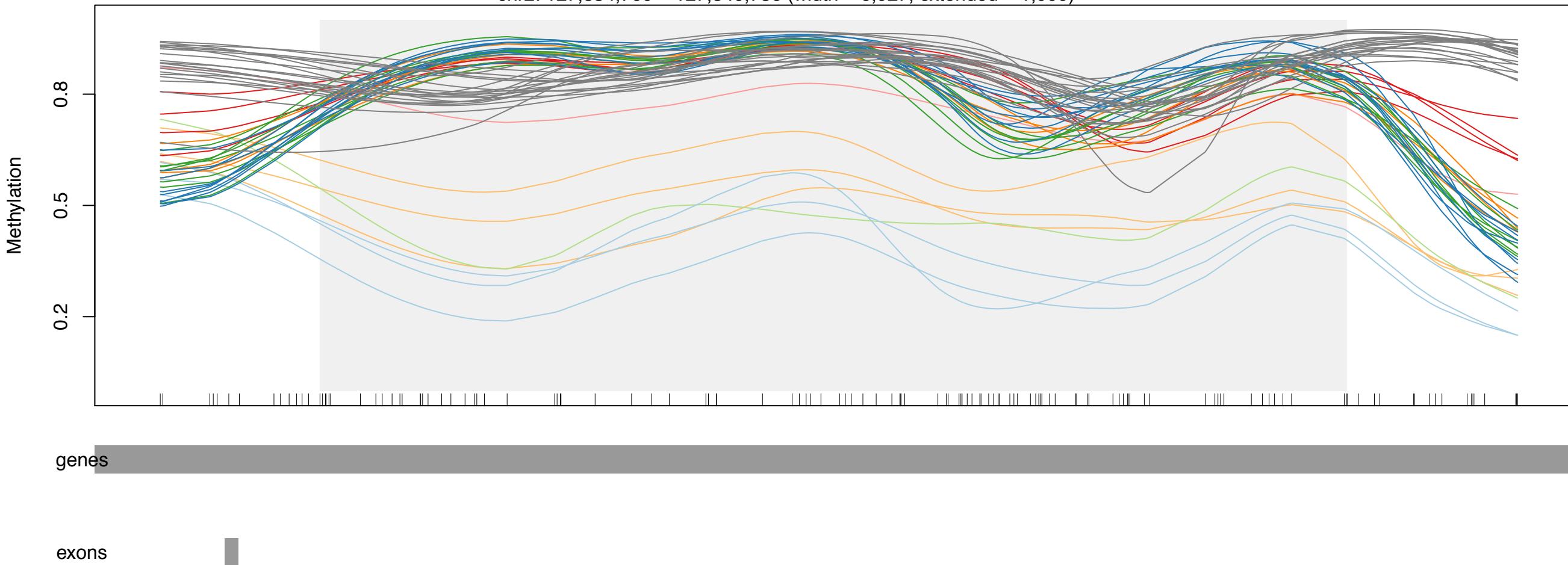
Methylation



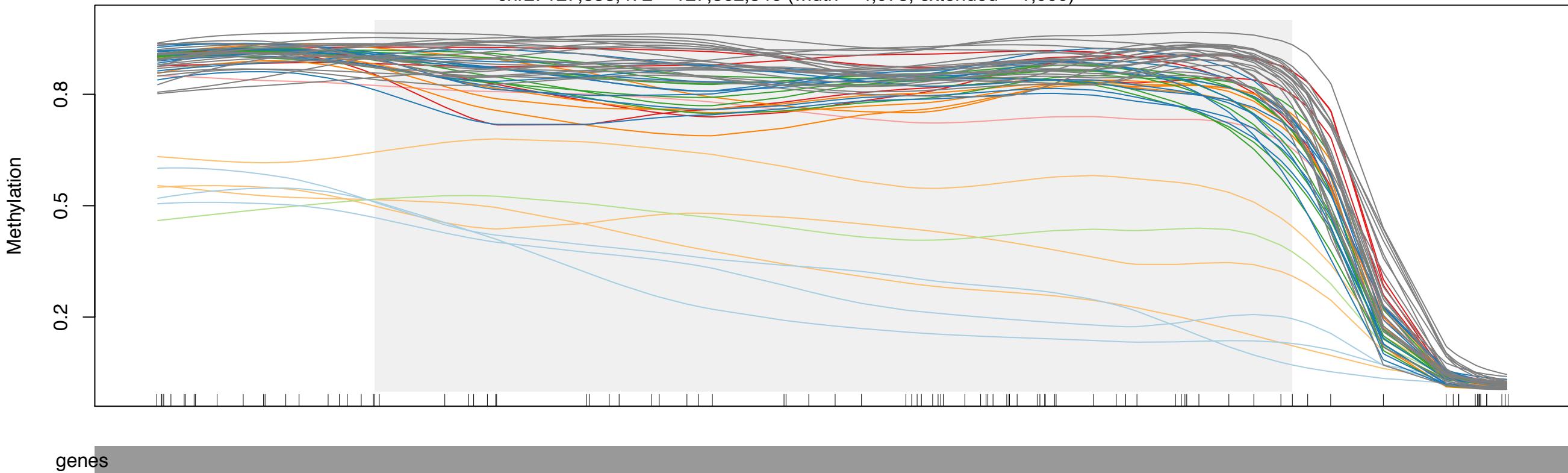
genes

exons

chr2: 127,834,760 – 127,840,786 (width = 6,027, extended = 1,000)



chr2: 127,858,472 – 127,862,546 (width = 4,075, extended = 1,000)

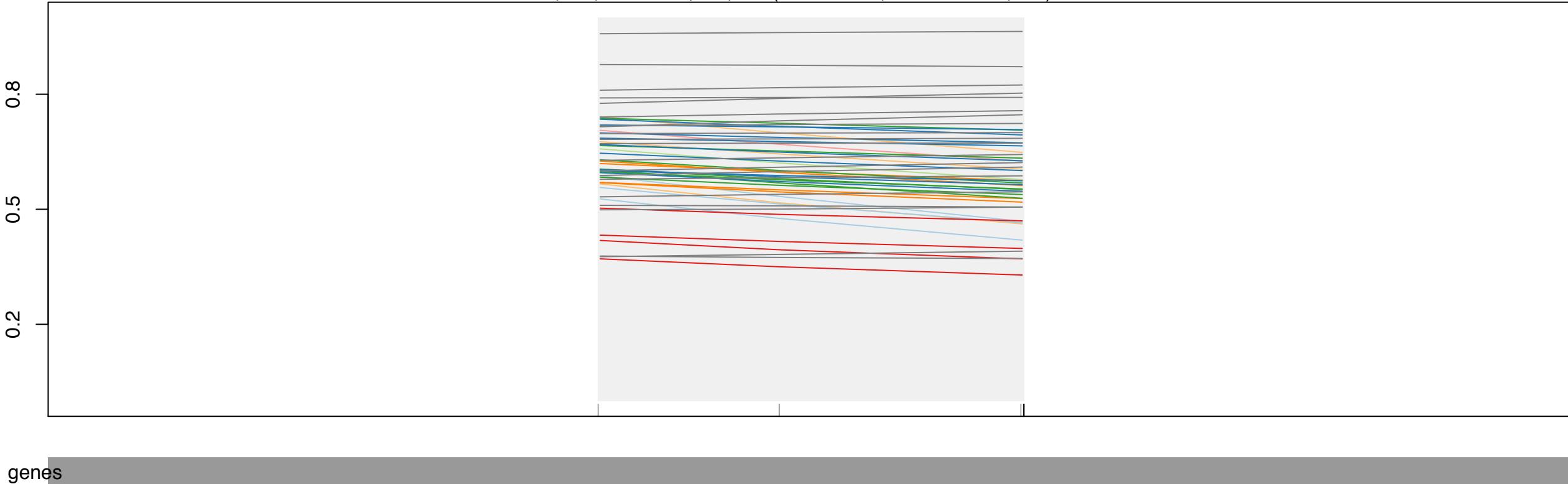


genes

exons

chr2: 145,196,115 – 145,196,979 (width = 865, extended = 1,000)

Methylation

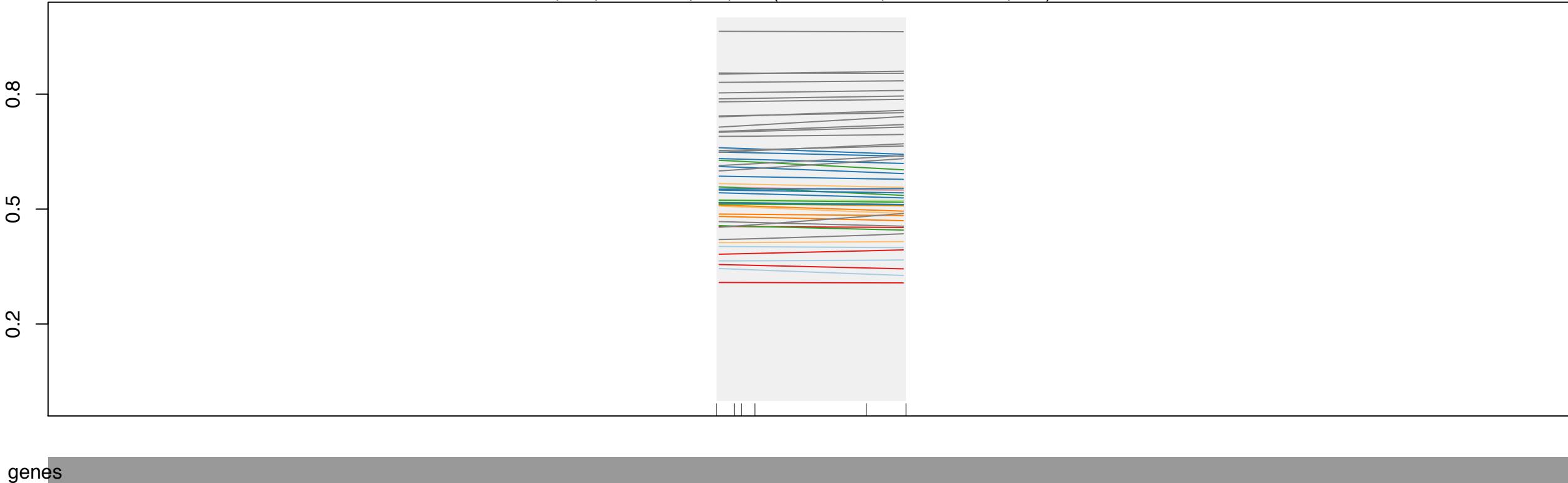


genes

exons

chr2: 145,198,593 – 145,198,903 (width = 311, extended = 1,000)

Methylation

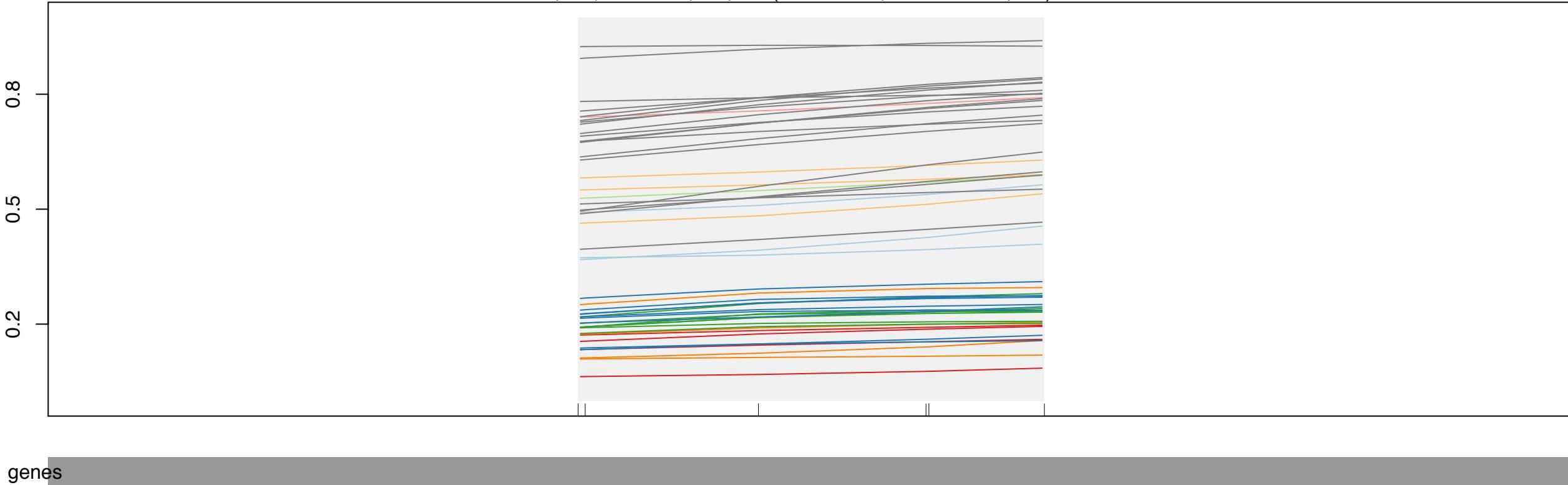


genes

exons

chr2: 145,213,923 – 145,214,908 (width = 986, extended = 1,000)

Methylation



genes

exons

chr2: 145,245,595 – 145,245,595 (width = 1, extended = 1,000)

Methylation

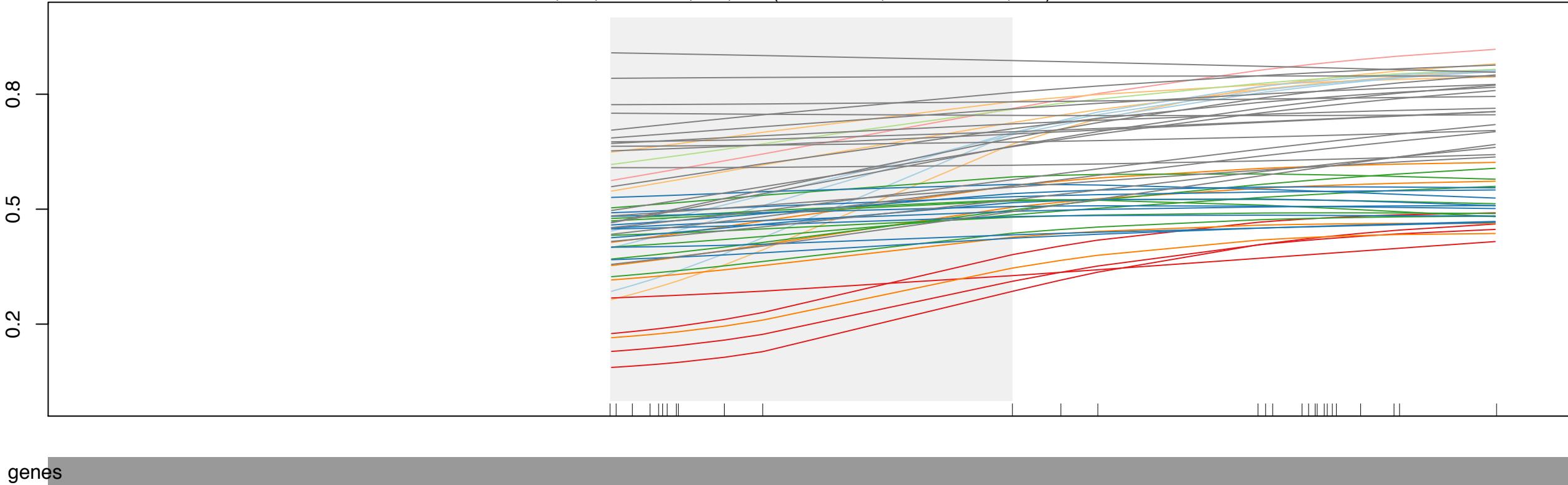
0.8
0.5
0.2

genes

exons

chr2: 145,247,188 – 145,247,984 (width = 797, extended = 1,000)

Methylation

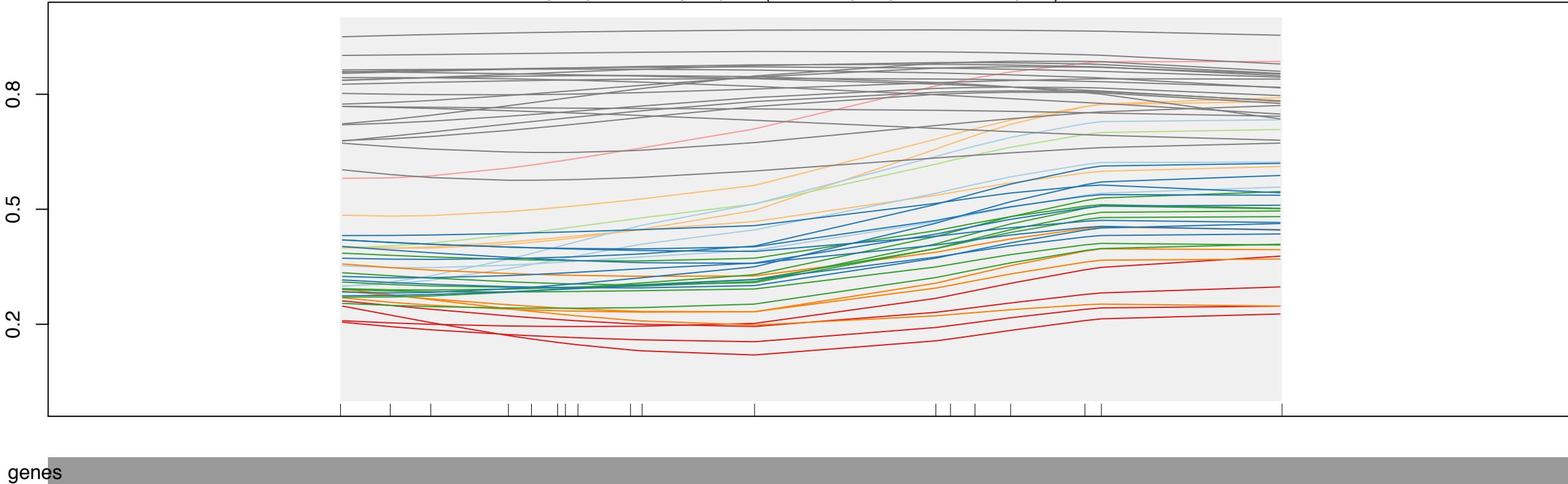


genes

exons

chr2: 145,253,398 – 145,257,391 (width = 3,994, extended = 1,000)

Methylation

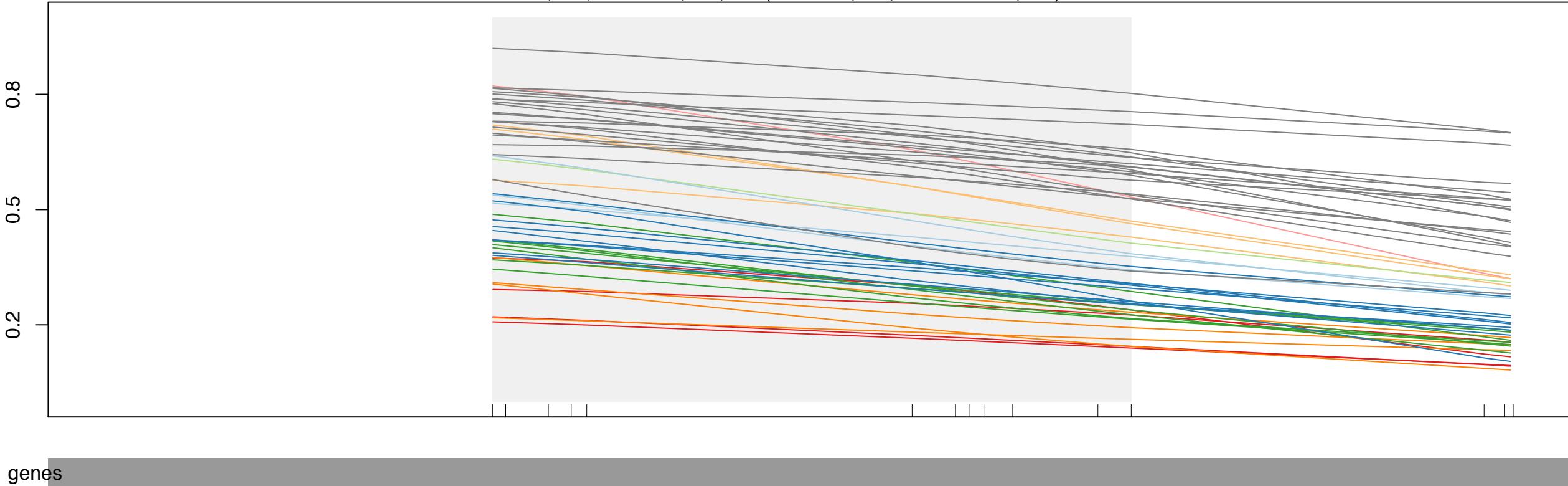


genes

exons

chr2: 145,258,449 – 145,260,096 (width = 1,648, extended = 1,000)

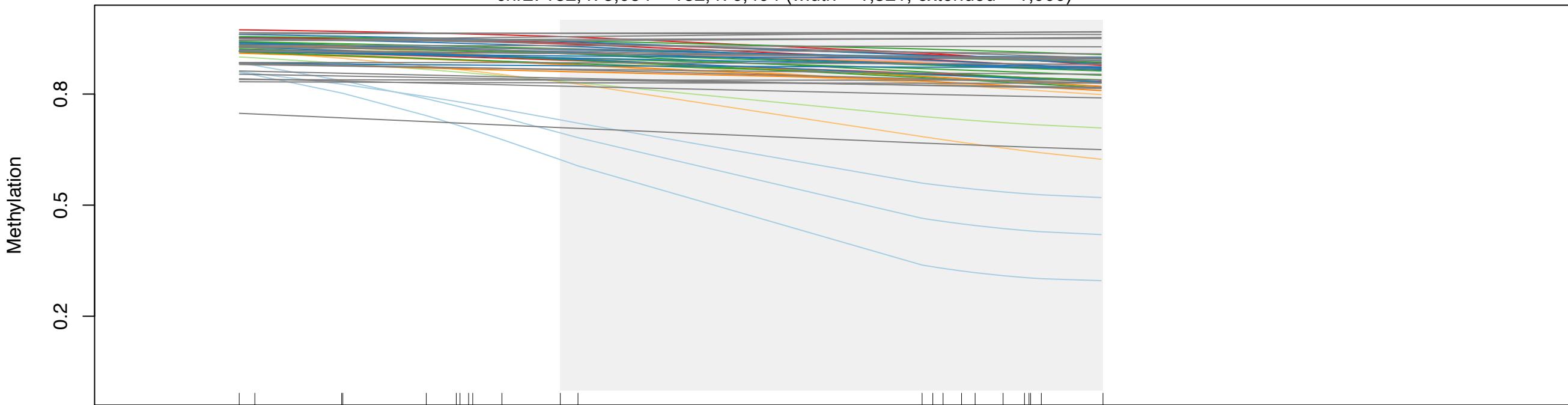
Methylation



genes

exons

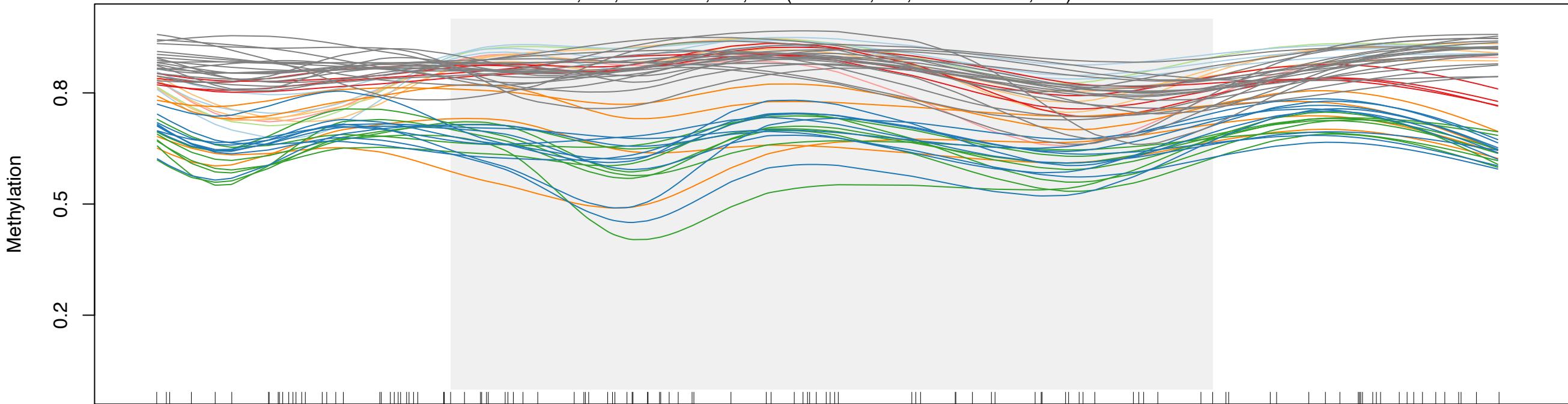
chr2: 152,475,084 – 152,476,404 (width = 1,321, extended = 1,000)



genes

exons

chr2: 233,749,936 – 233,752,464 (width = 2,529, extended = 1,000)

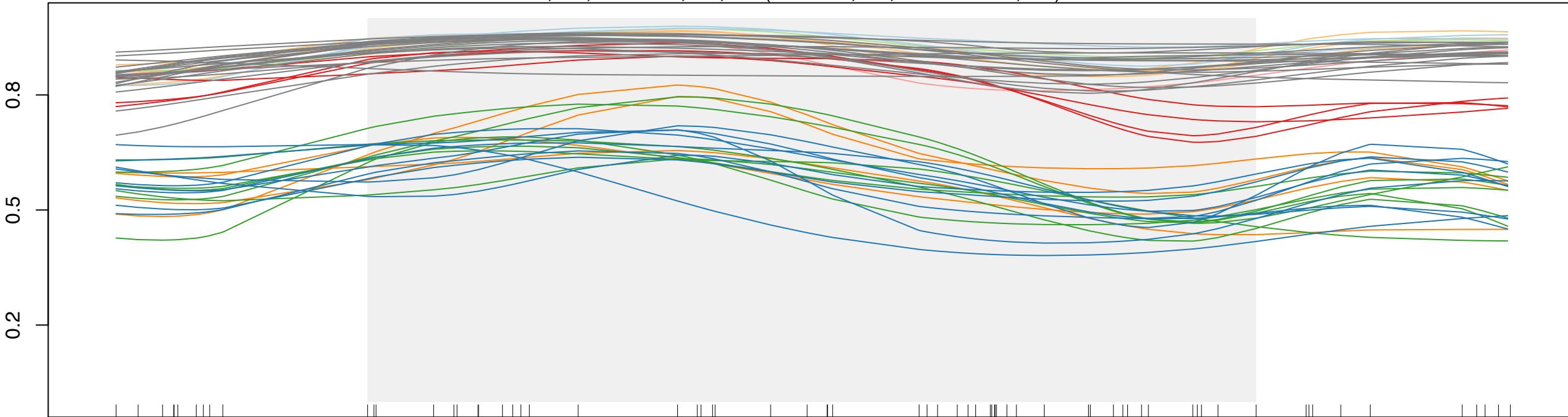


genes

exons

chr2: 233,782,304 – 233,785,684 (width = 3,381, extended = 1,000)

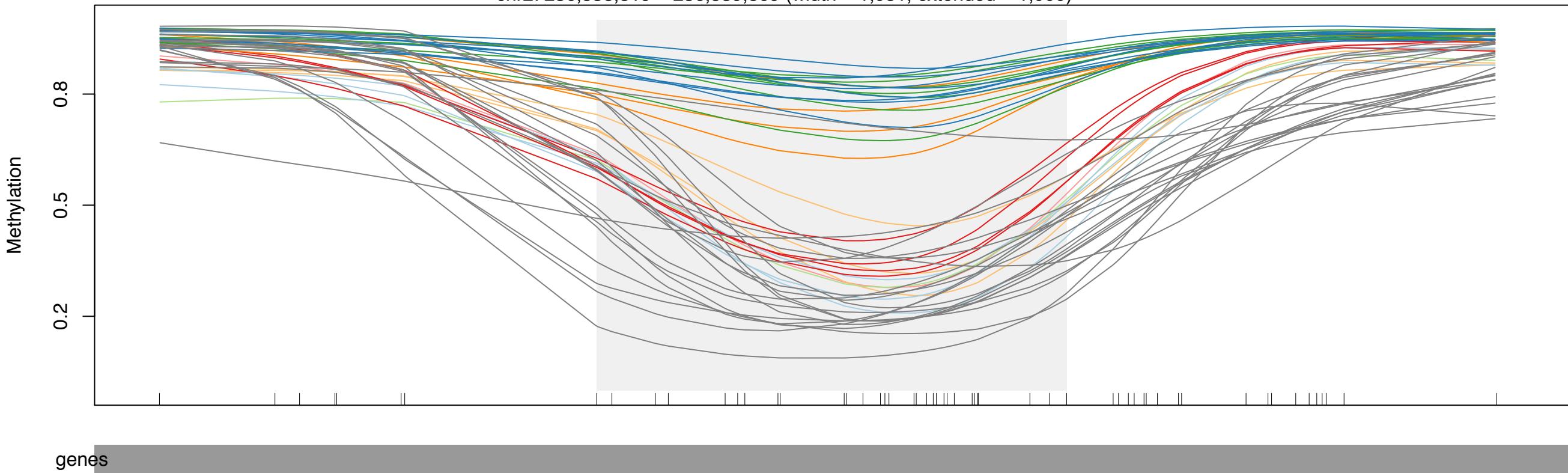
Methylation



genes

exons

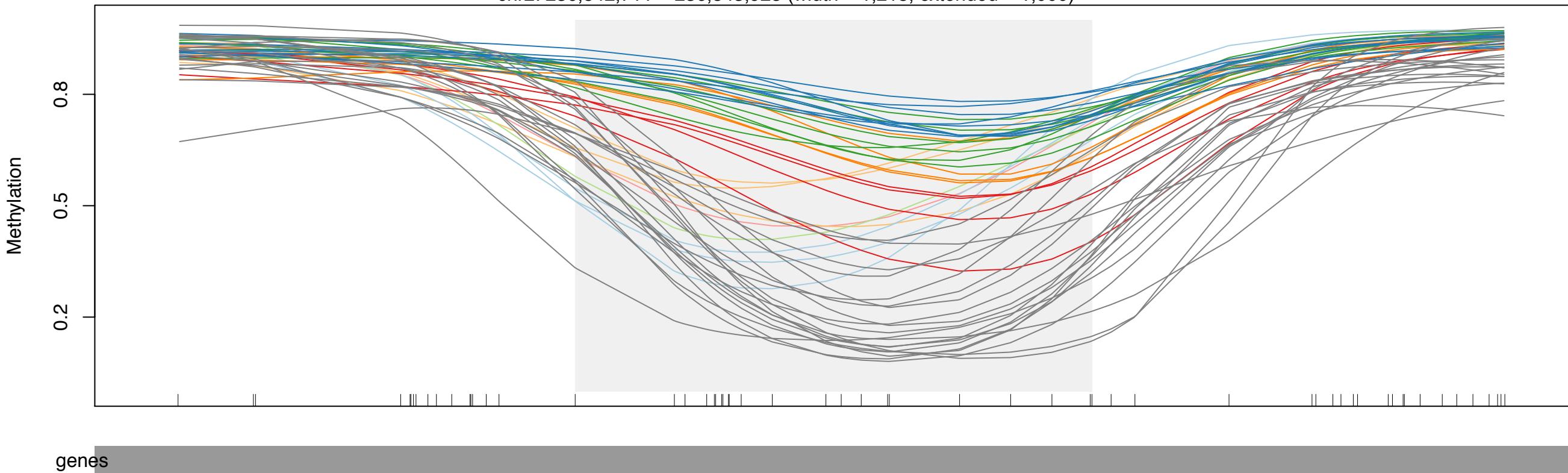
chr2: 236,538,819 – 236,539,869 (width = 1,051, extended = 1,000)



genes

exons

chr2: 236,842,711 – 236,843,925 (width = 1,215, extended = 1,000)

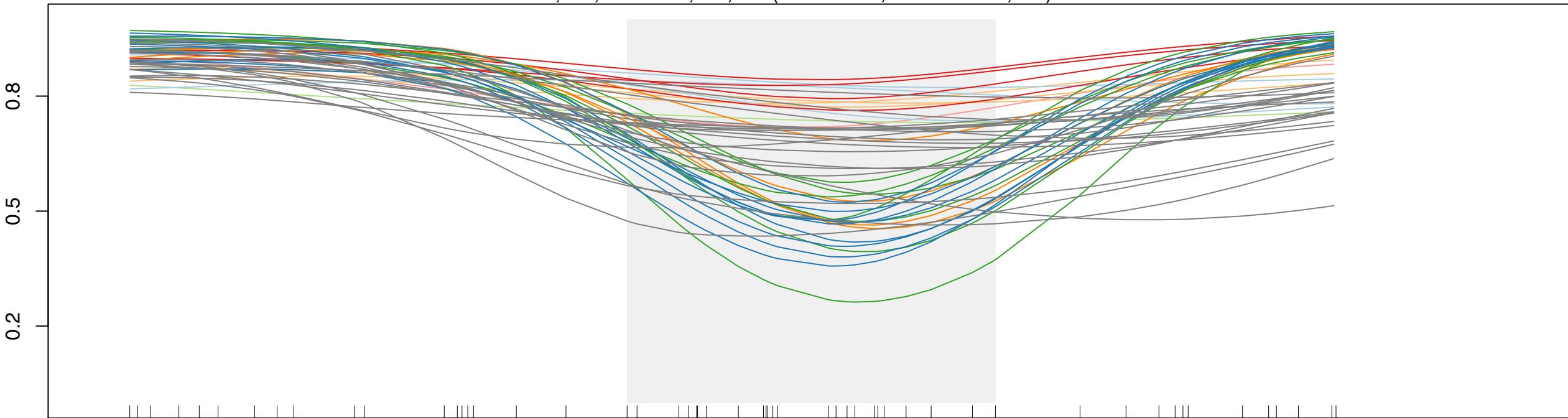


genes

exons

chr2: 236,923,054 – 236,923,759 (width = 706, extended = 1,000)

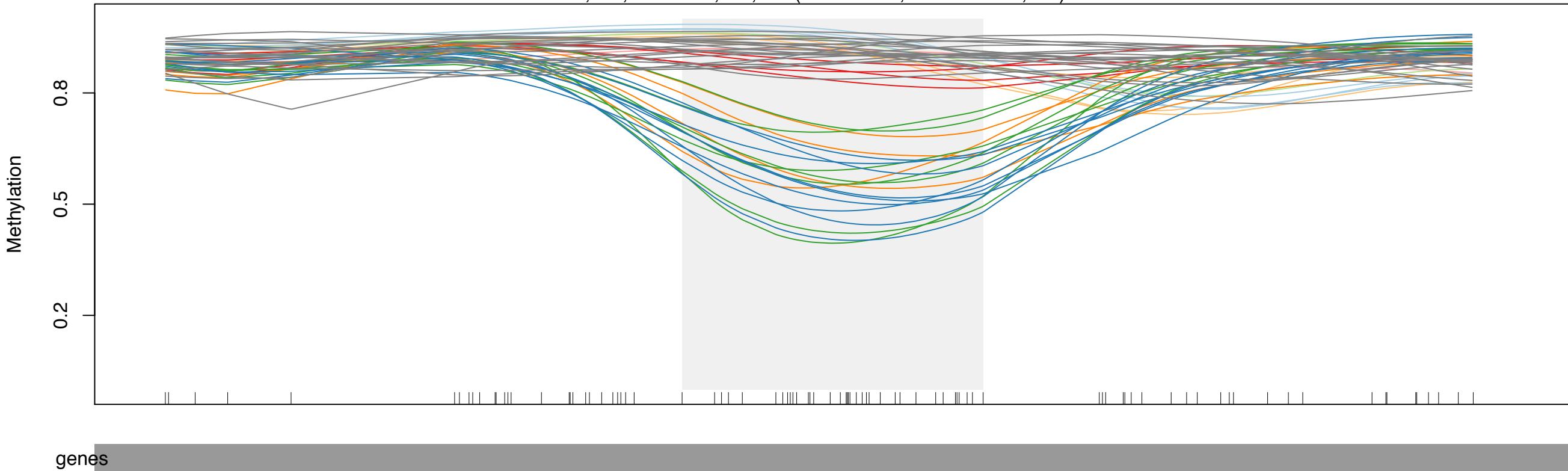
Methylation



genes

exons

chr2: 240,039,881 – 240,040,446 (width = 566, extended = 1,000)

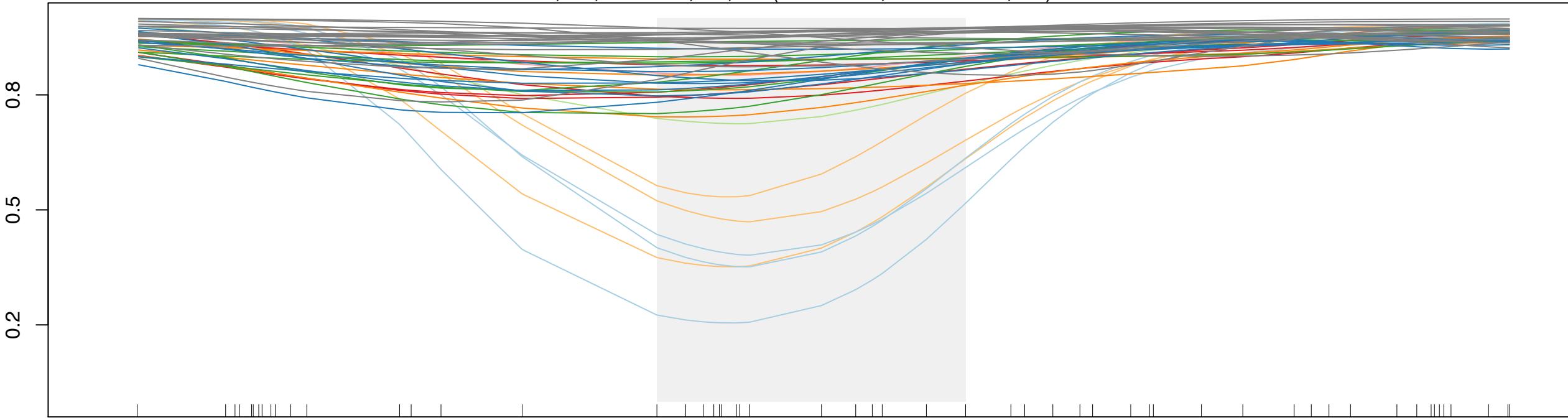


genes

exons

chr2: 240,097,796 – 240,098,355 (width = 560, extended = 1,000)

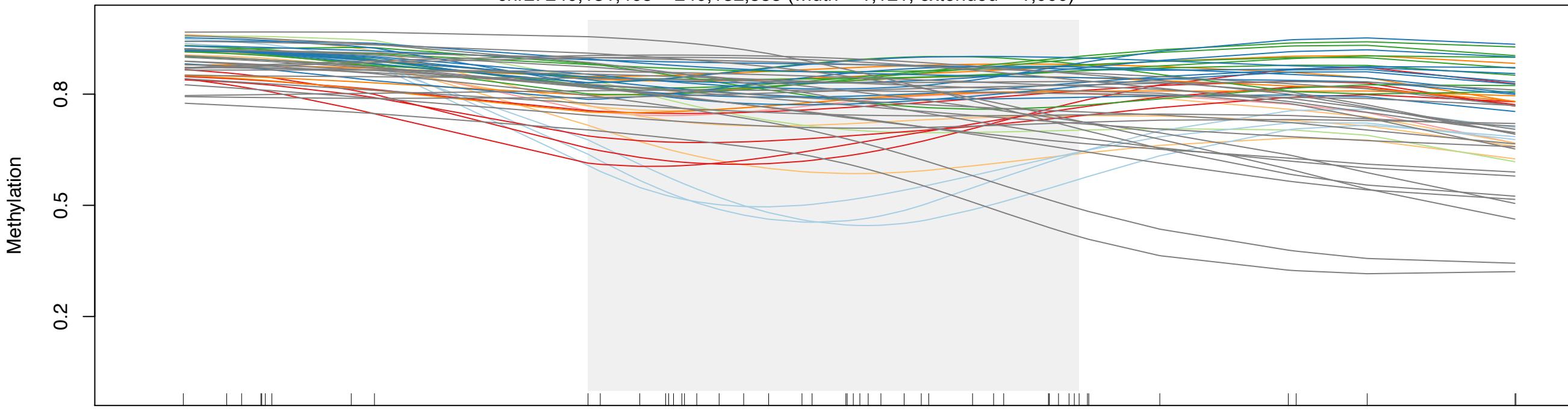
Methylation



genes

exons

chr2: 240,131,465 – 240,132,585 (width = 1,121, extended = 1,000)

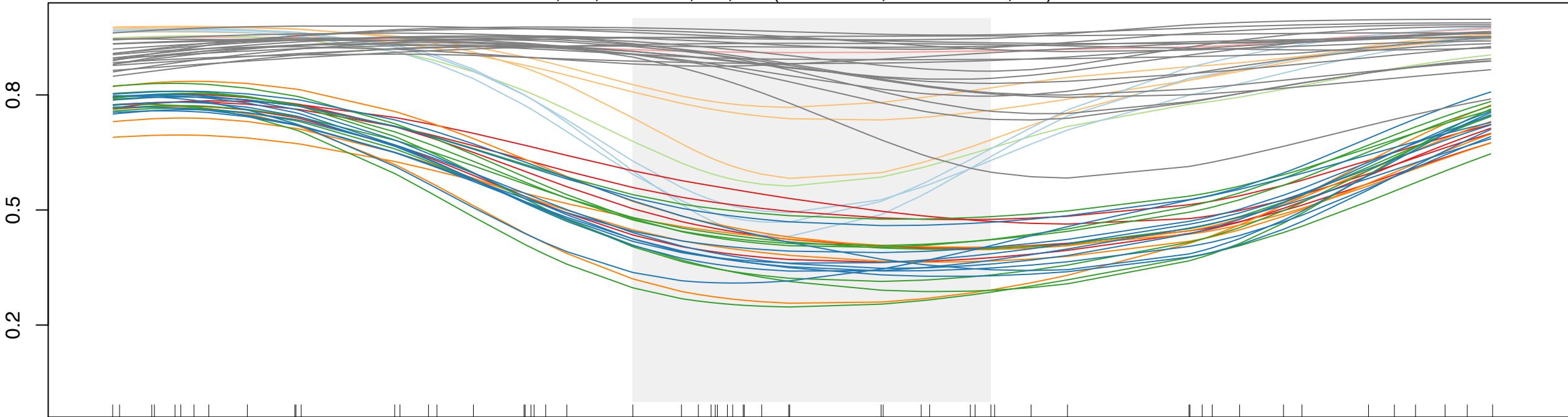


genes

exons

chr2: 240,158,101 – 240,158,779 (width = 679, extended = 1,000)

Methylation

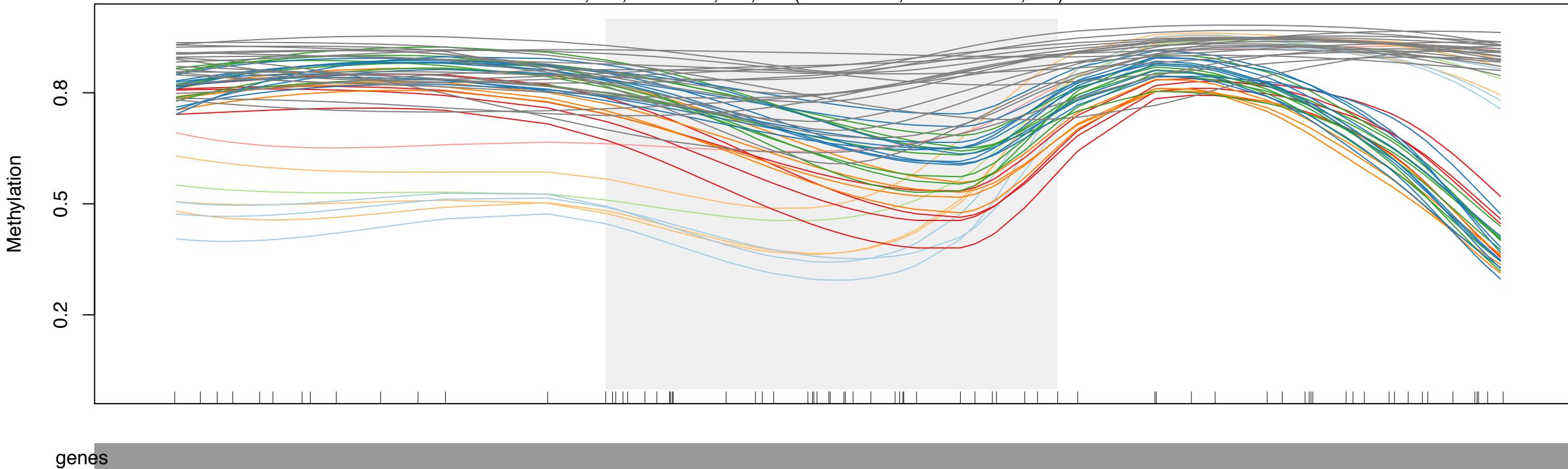


genes

exons



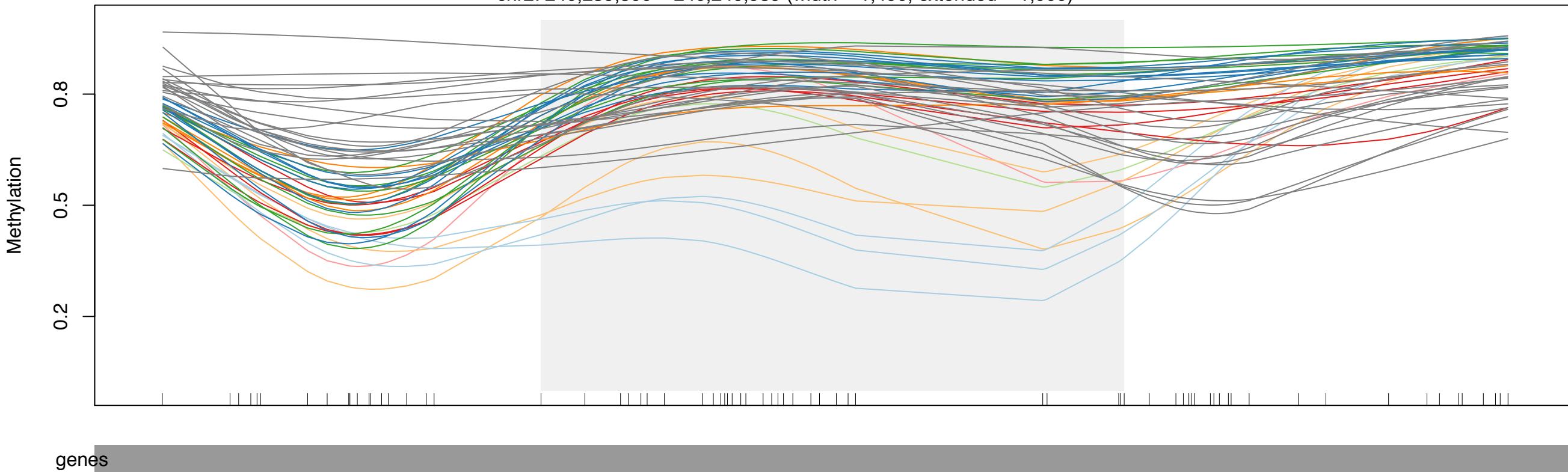
chr2: 240,232,587 – 240,233,577 (width = 991, extended = 1,000)



genes

exons

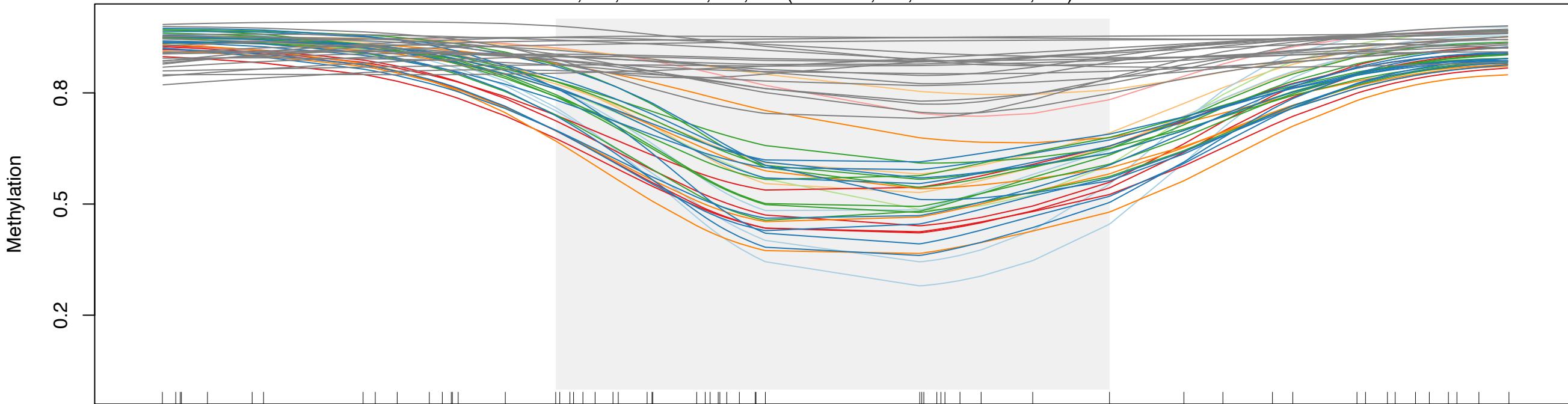
chr2: 240,239,500 – 240,240,989 (width = 1,490, extended = 1,000)



genes

exons

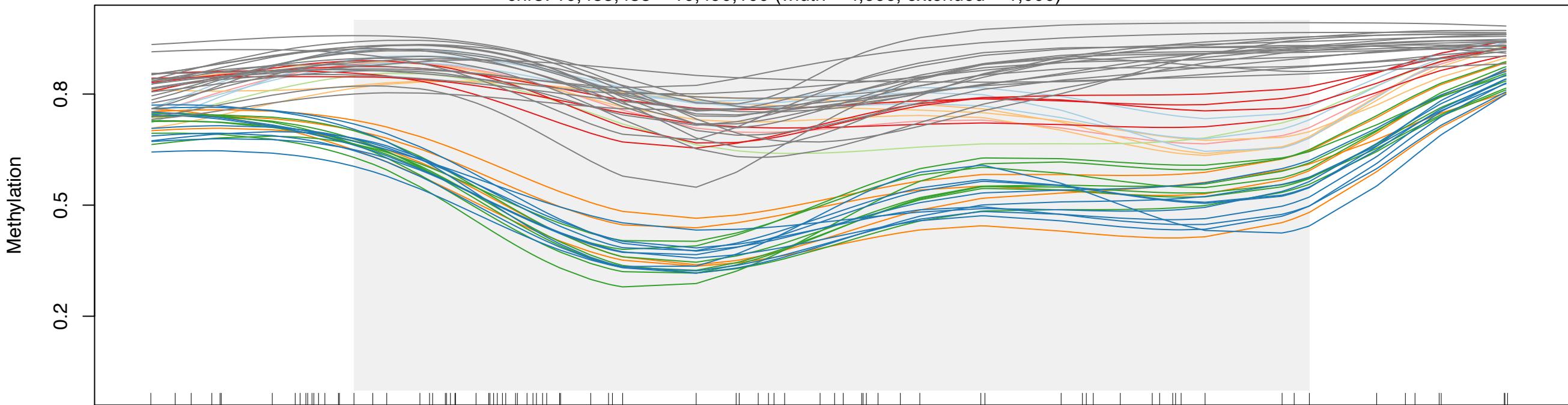
chr2: 240,265,463 – 240,266,826 (width = 1,364, extended = 1,000)



genes

exons

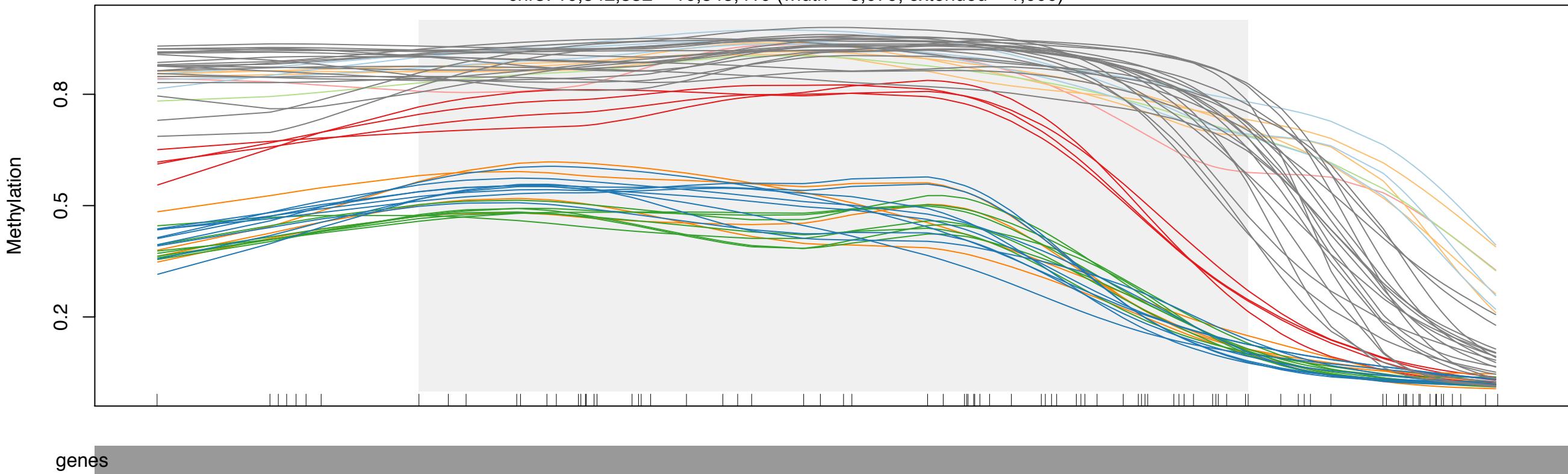
chr3: 10,485,435 – 10,490,100 (width = 4,666, extended = 1,000)



genes

exons

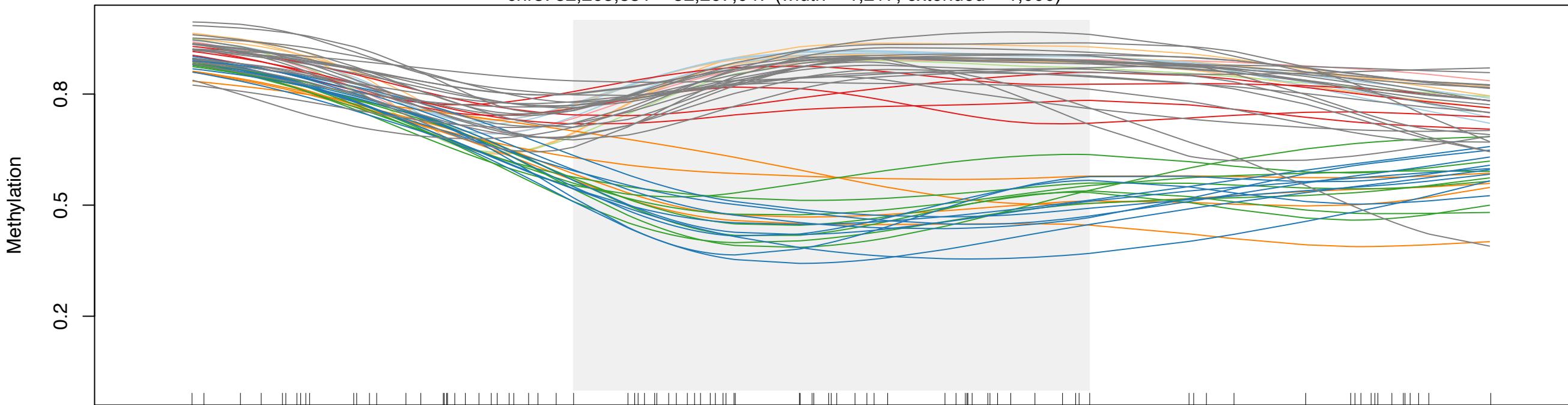
chr3: 10,542,332 – 10,545,410 (width = 3,079, extended = 1,000)



genes

exons

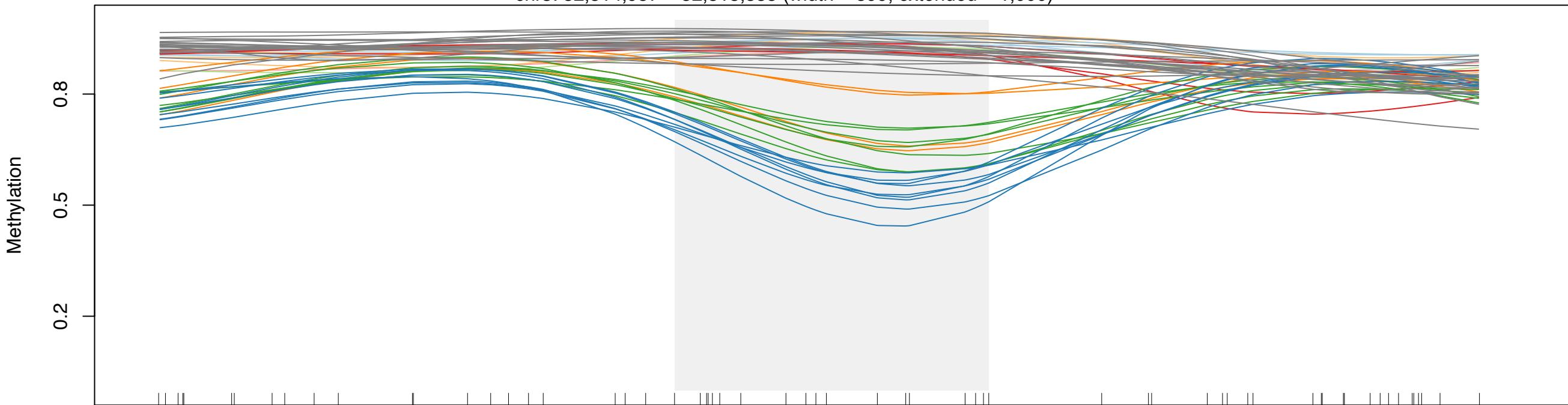
chr3: 52,265,831 – 52,267,047 (width = 1,217, extended = 1,000)



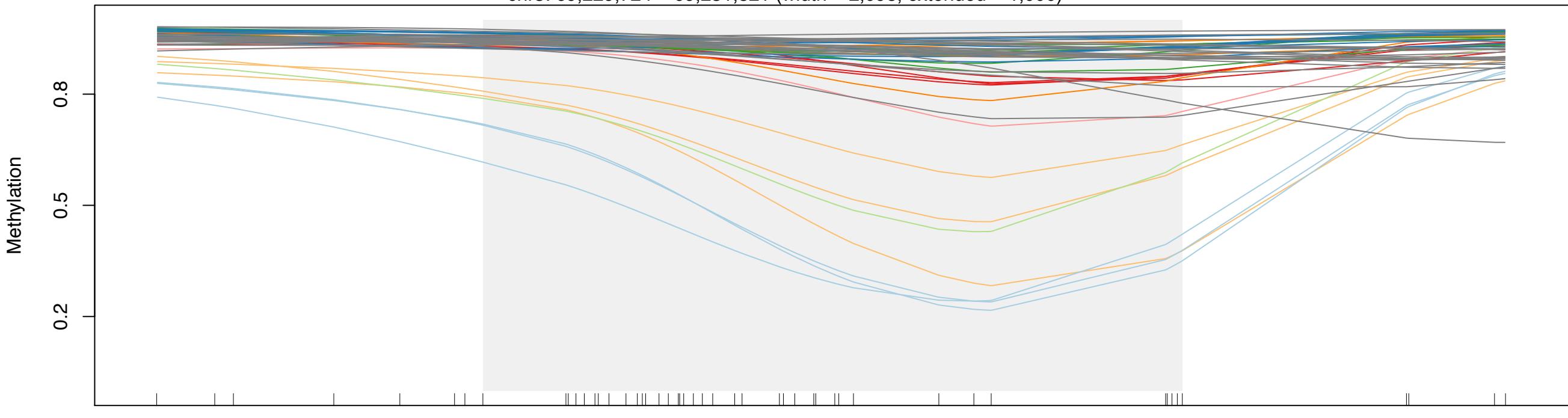
genes

exons

chr3: 52,514,957 – 52,515,555 (width = 599, extended = 1,000)



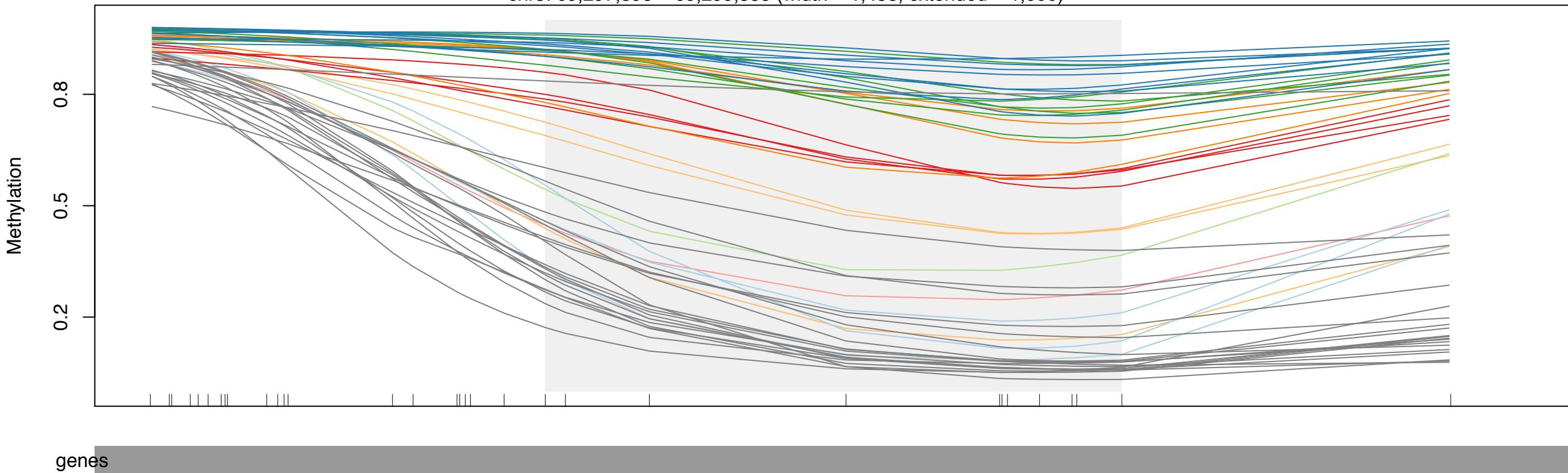
chr3: 69,229,724 – 69,231,821 (width = 2,098, extended = 1,000)



genes

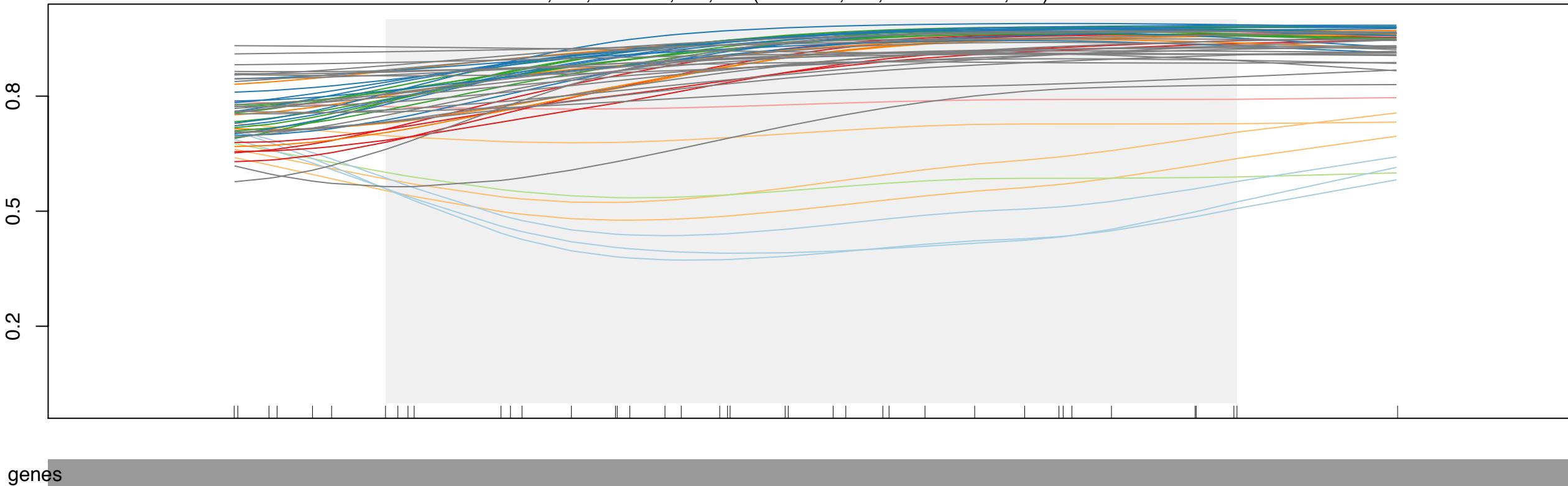
exons

chr3: 69,297,898 – 69,299,355 (width = 1,458, extended = 1,000)



chr3: 69,369,556 – 69,372,588 (width = 3,033, extended = 1,000)

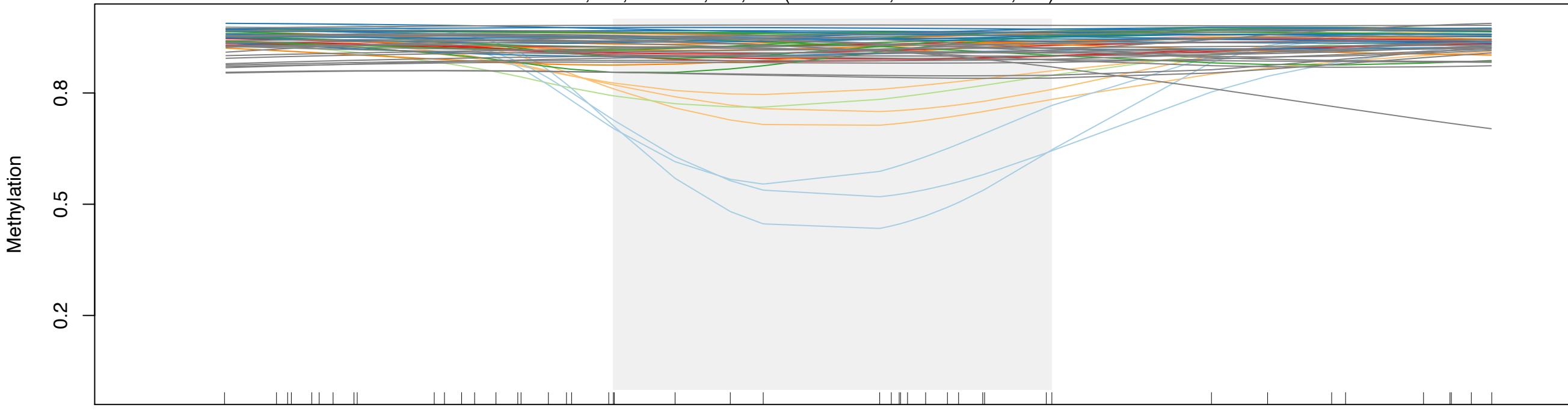
Methylation



genes

exons

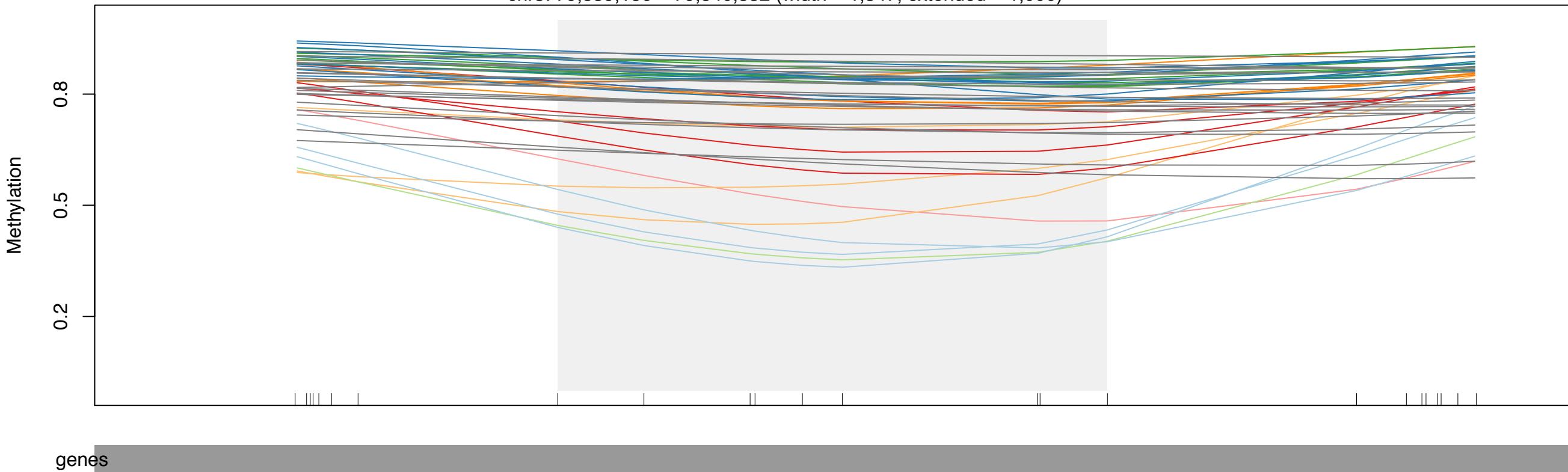
chr3: 71,509,879 – 71,510,824 (width = 946, extended = 1,000)



genes

exons

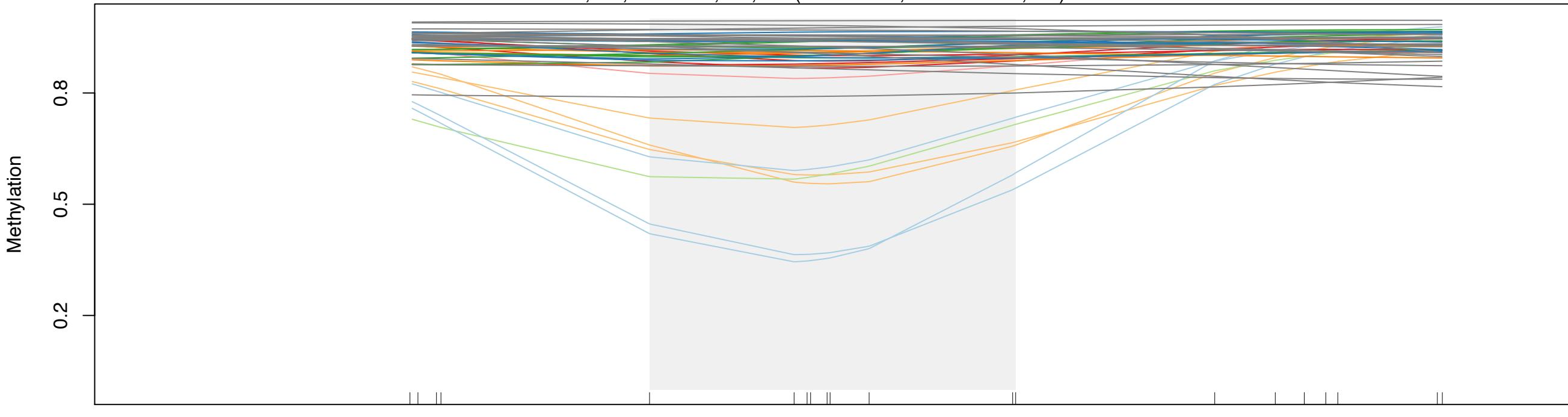
chr3: 79,539,186 – 79,540,532 (width = 1,347, extended = 1,000)



genes

exons

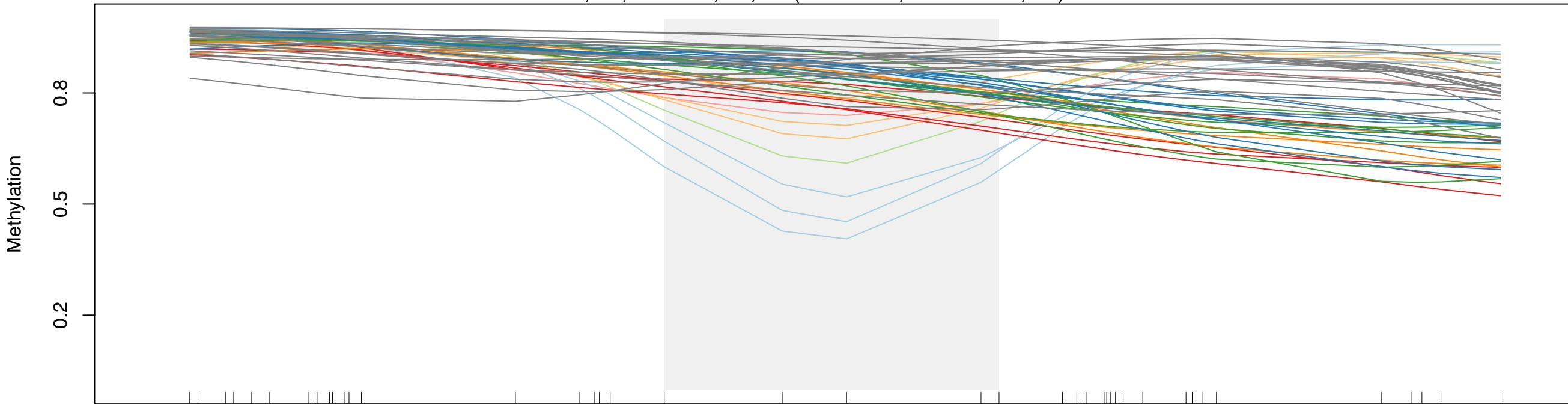
chr3: 196,490,006 – 196,490,738 (width = 733, extended = 1,000)



genes

exons

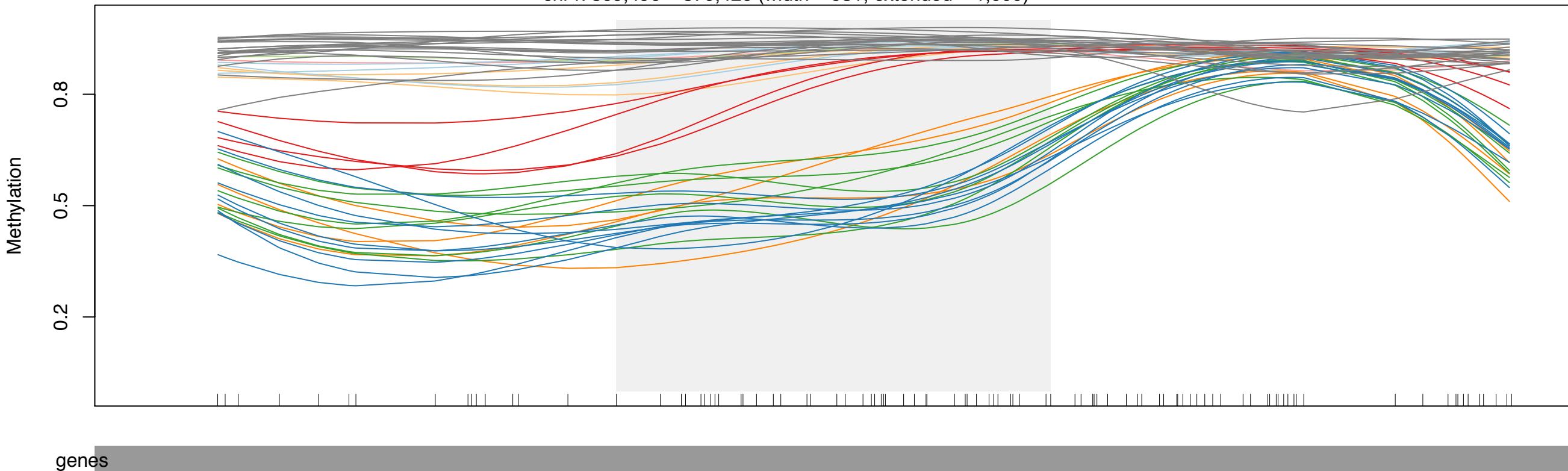
chr3: 196,745,731 – 196,746,381 (width = 651, extended = 1,000)



genes

exons

chr4: 869,496 – 870,426 (width = 931, extended = 1,000)

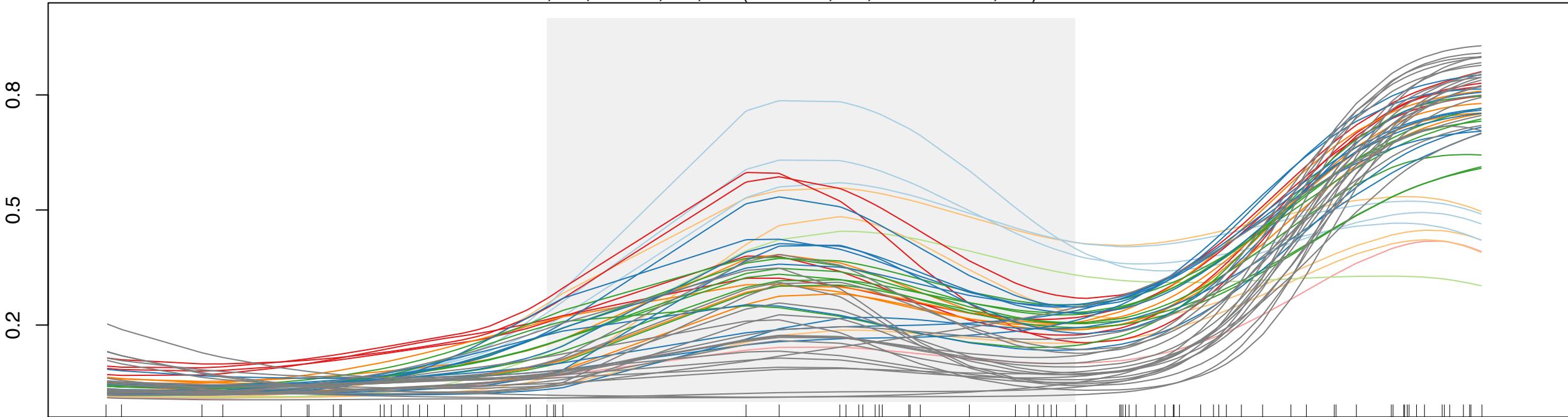


genes

exons

chr4: 3,372,253 – 3,373,448 (width = 1,196, extended = 1,000)

Methylation

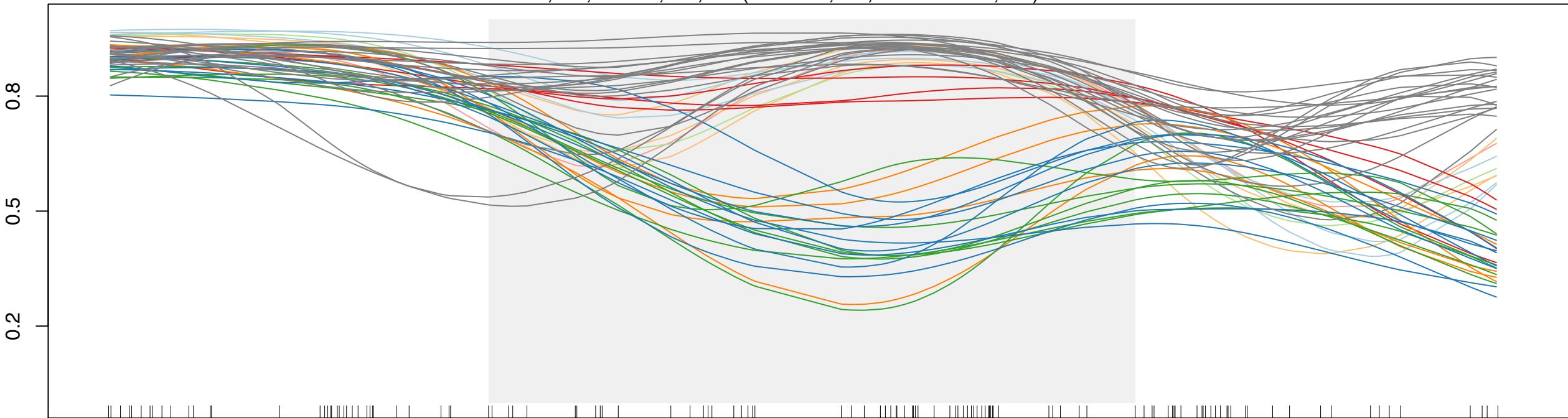


genes

exons

chr4: 3,414,023 – 3,415,708 (width = 1,686, extended = 1,000)

Methylation

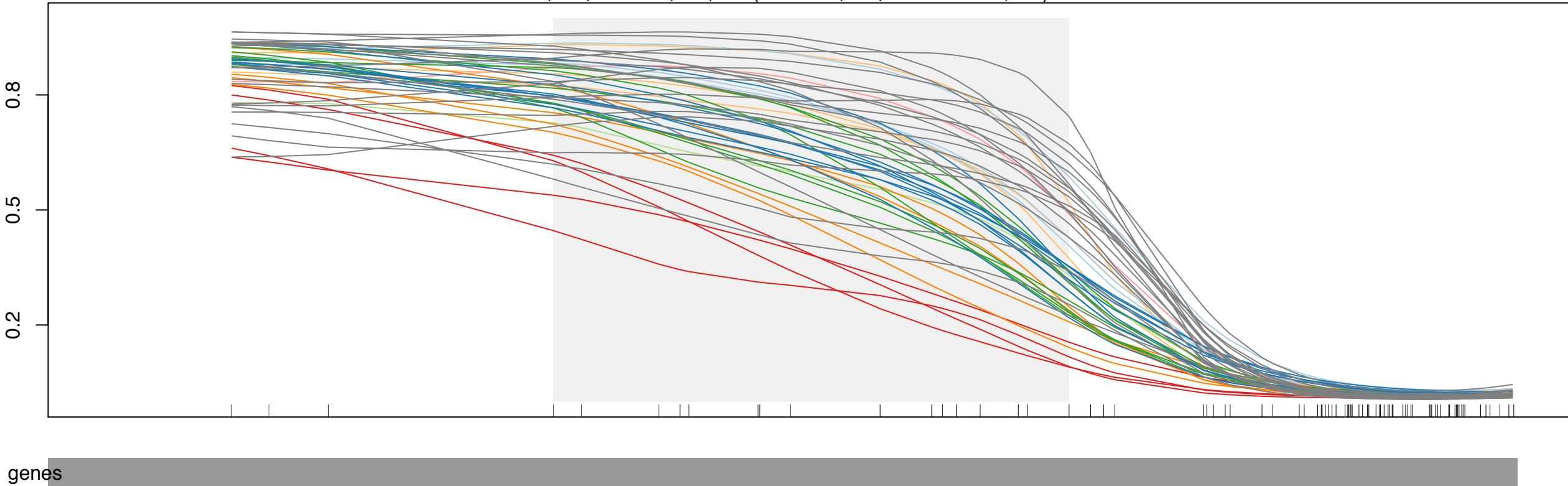


genes

exons

chr4: 90,227,012 – 90,228,161 (width = 1,150, extended = 1,000)

Methylation

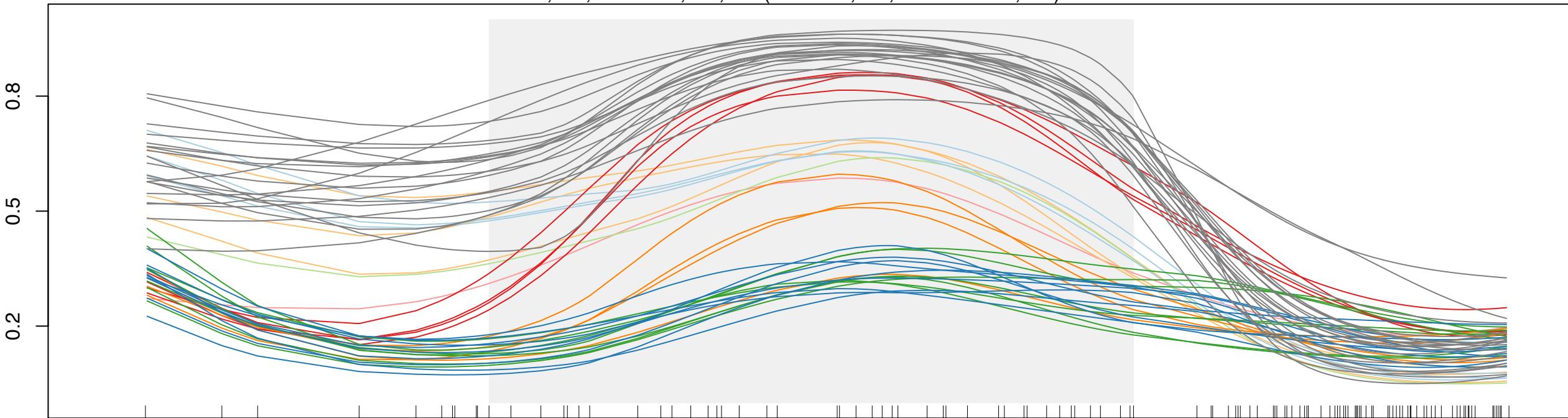


genes

exons

chr5: 140,869,024 – 140,870,701 (width = 1,678, extended = 1,000)

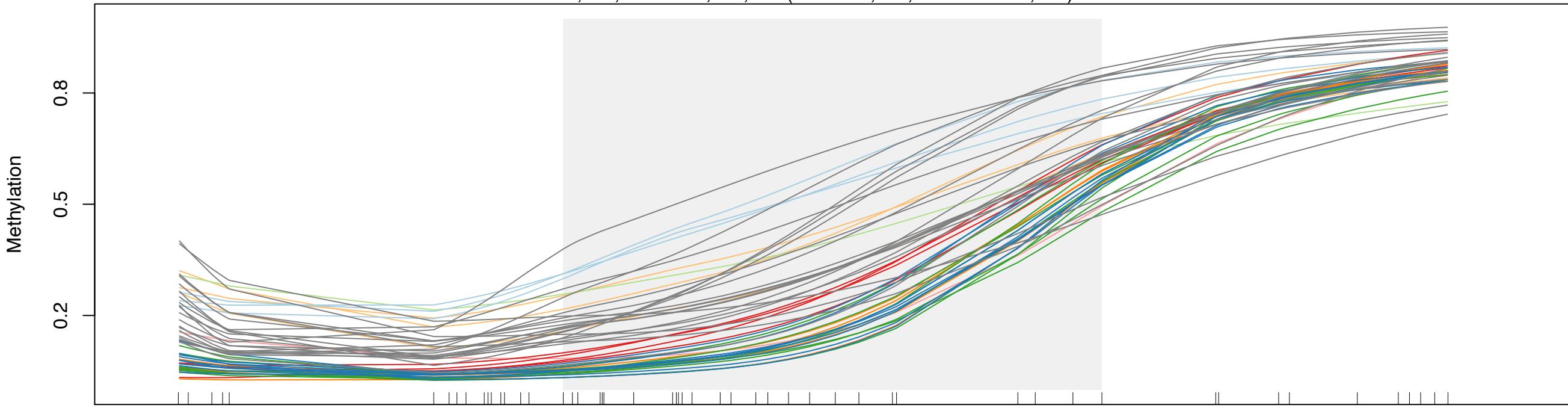
Methylation



genes

exons

chr5: 140,874,572 – 140,875,873 (width = 1,302, extended = 1,000)

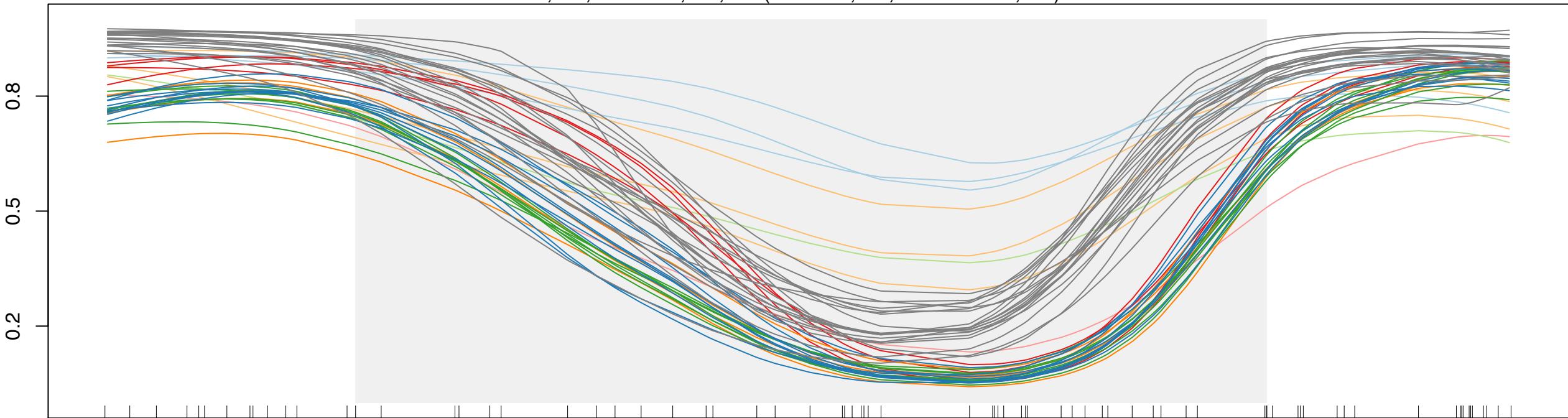


genes

exons

chr5: 140,886,164 – 140,889,796 (width = 3,633, extended = 1,000)

Methylation

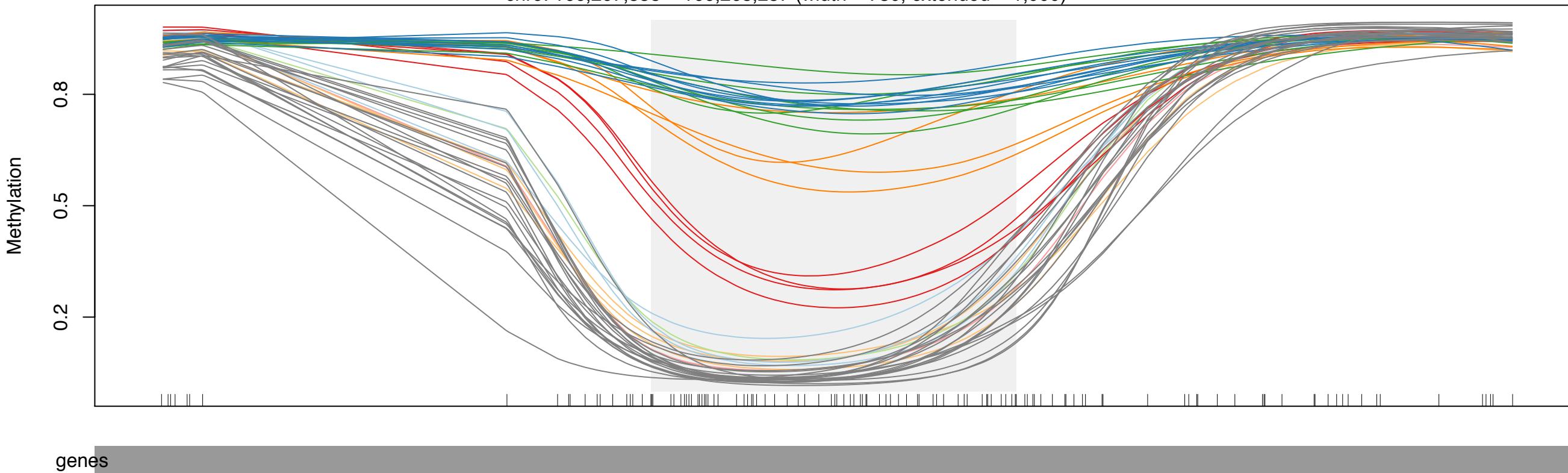


genes

exons



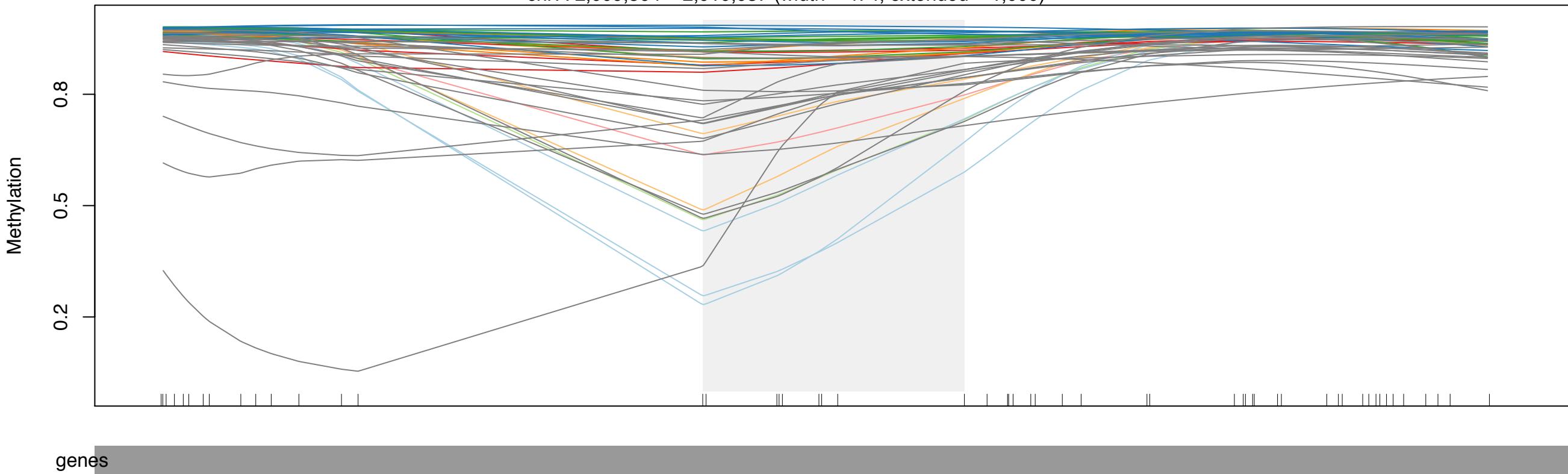
chr6: 166,267,558 – 166,268,287 (width = 730, extended = 1,000)



genes

exons

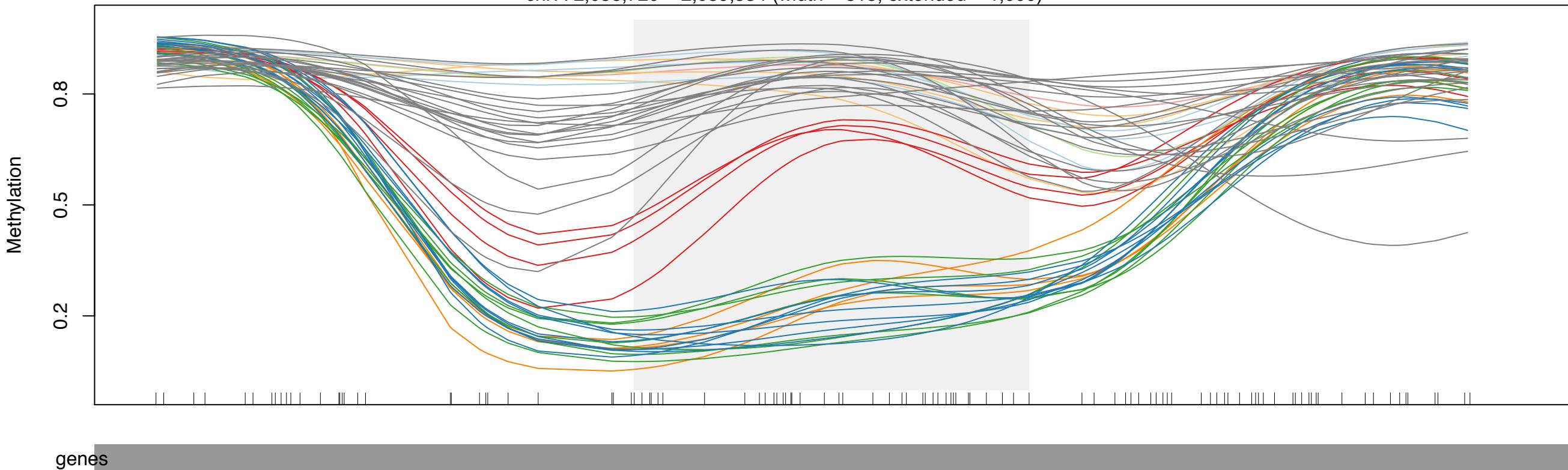
chr7: 2,009,564 – 2,010,037 (width = 474, extended = 1,000)



genes

exons

chr7: 2,058,720 – 2,059,534 (width = 815, extended = 1,000)

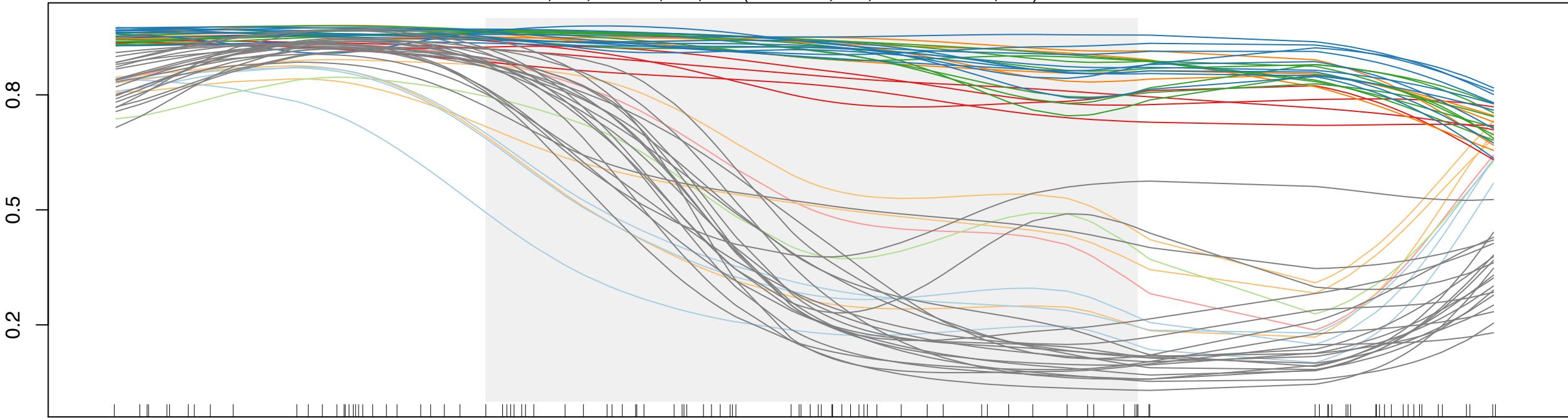


genes

exons

chr7: 2,146,235 – 2,147,946 (width = 1,712, extended = 1,000)

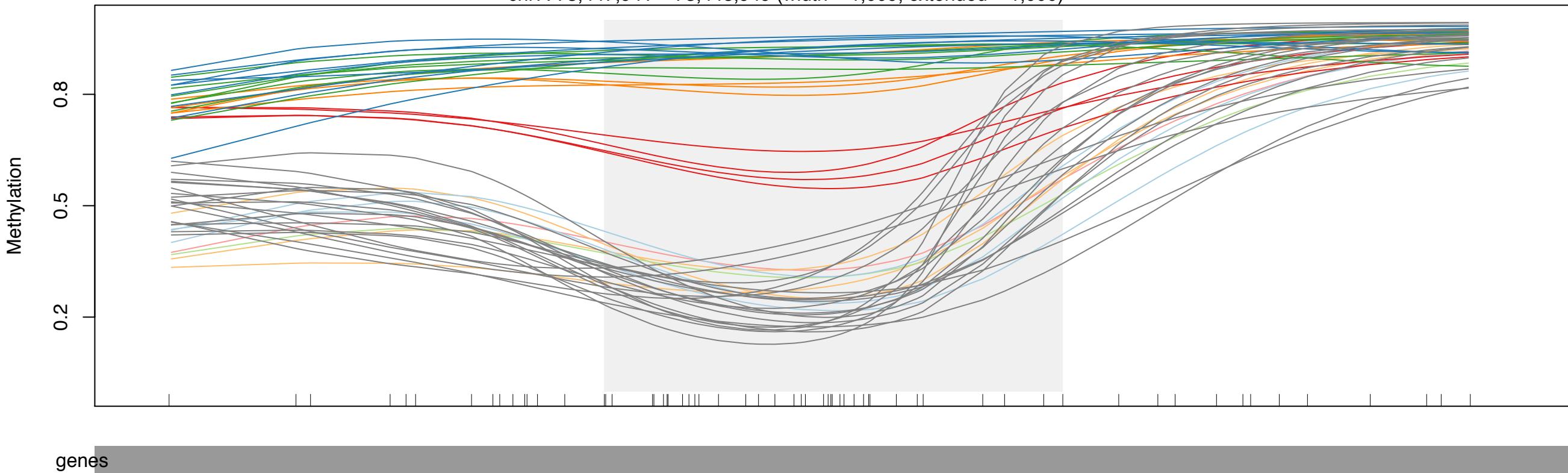
Methylation



genes

exons

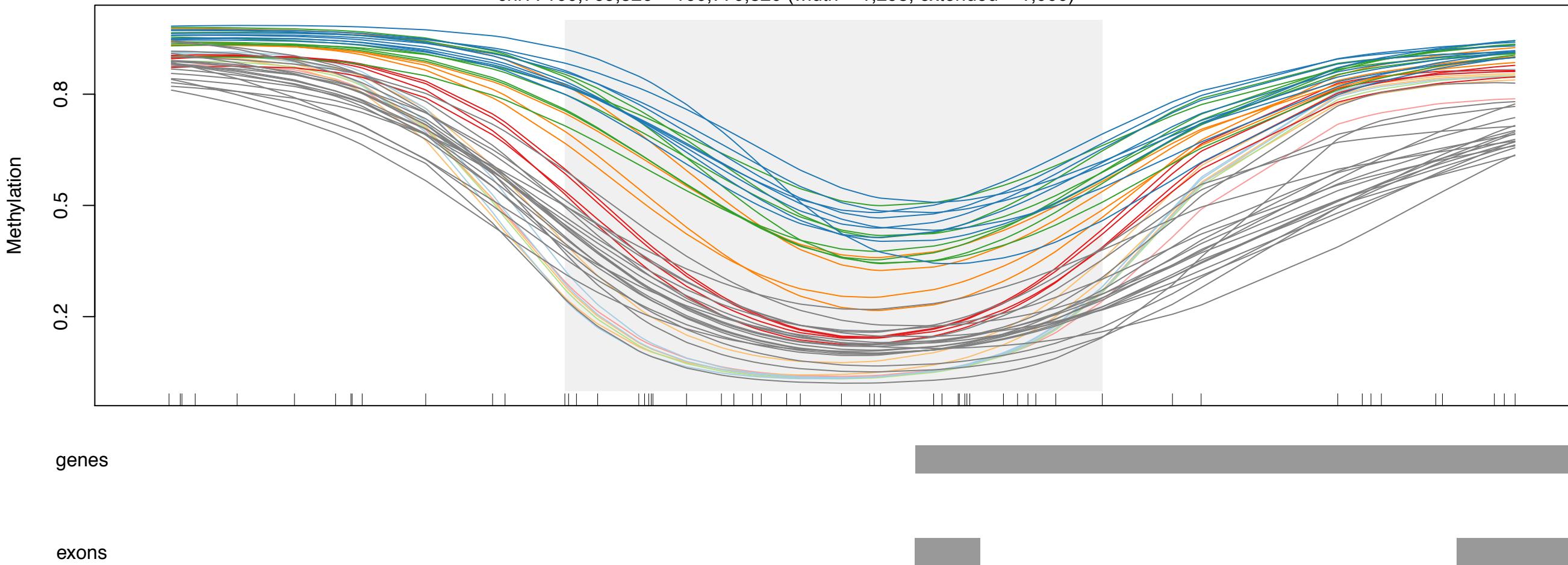
chr7: 73,447,941 – 73,448,949 (width = 1,009, extended = 1,000)



genes

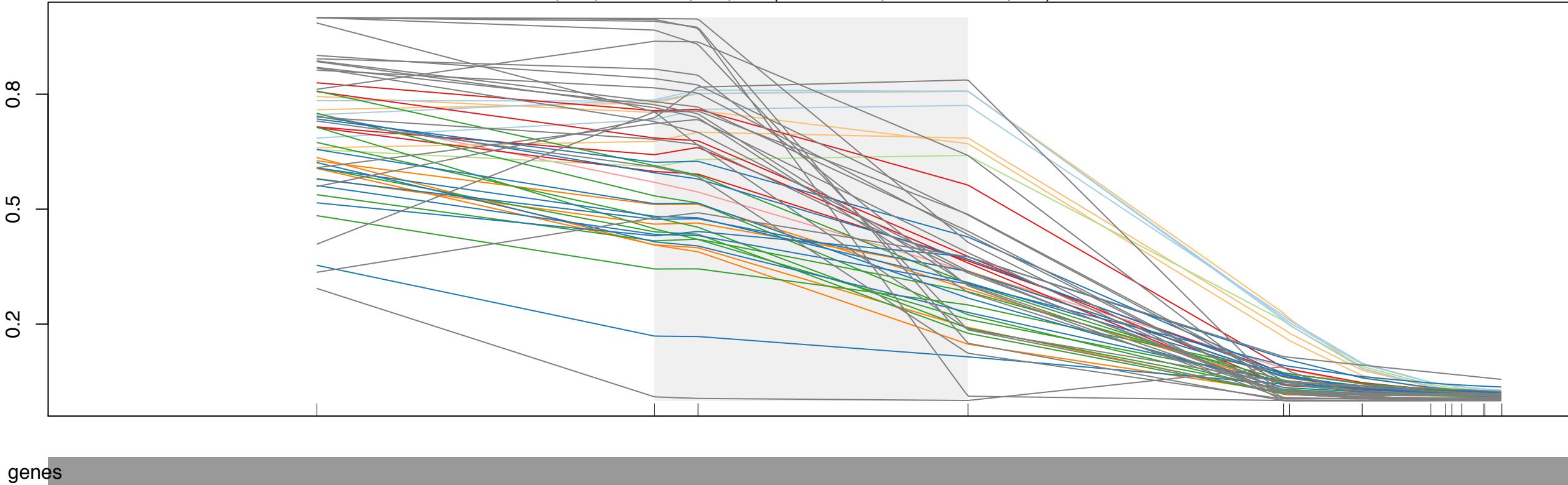
exons

chr7: 100,769,526 – 100,770,820 (width = 1,295, extended = 1,000)



chr7: 108,093,838 – 108,094,408 (width = 571, extended = 1,000)

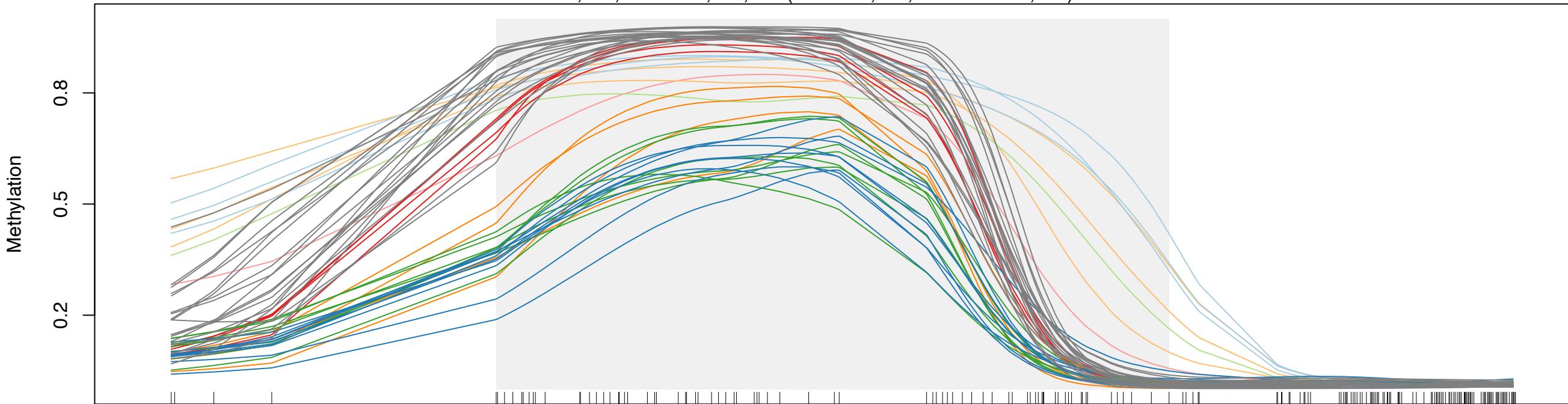
Methylation



genes

exons

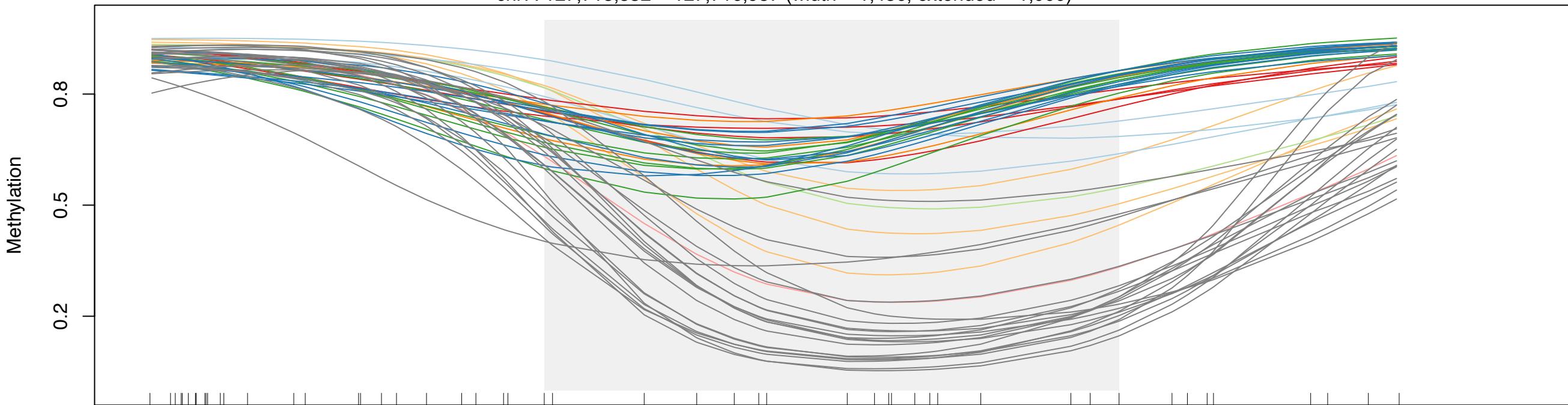
chr7: 127,668,929 – 127,670,869 (width = 1,941, extended = 1,000)



genes

exons

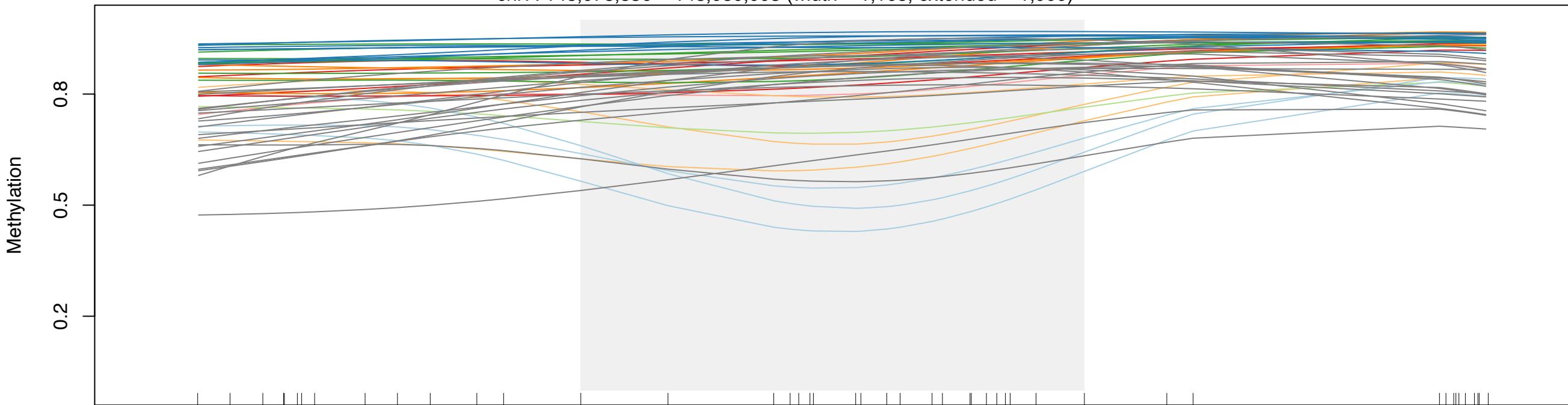
chr7: 127,715,532 – 127,716,987 (width = 1,456, extended = 1,000)



genes

exons

chr7: 148,078,836 – 148,080,003 (width = 1,168, extended = 1,000)



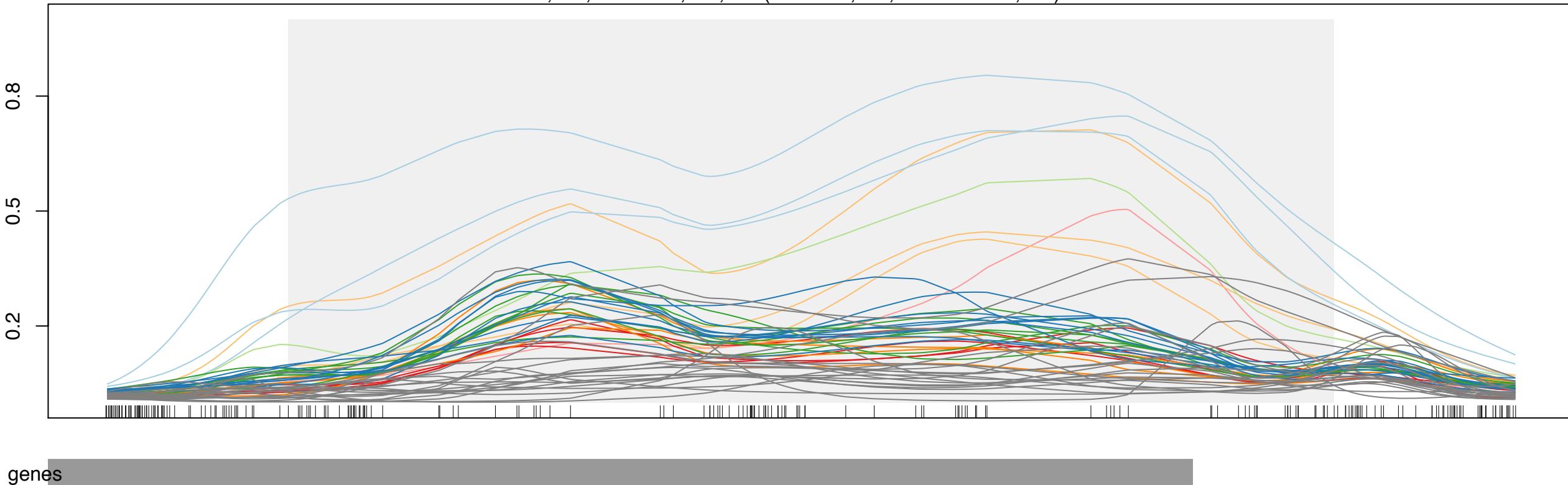
genes

exons



chr7: 155,252,600 – 155,258,296 (width = 5,697, extended = 1,000)

Methylation

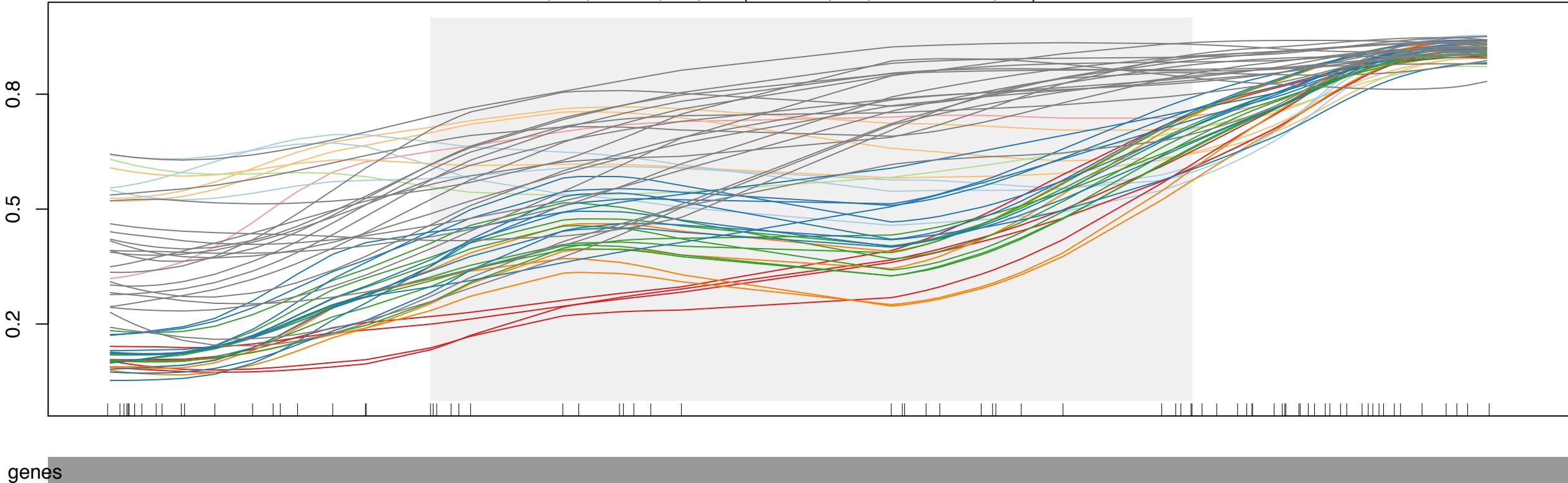


genes

exons

chr8: 1,013,373 – 1,015,710 (width = 2,338, extended = 1,000)

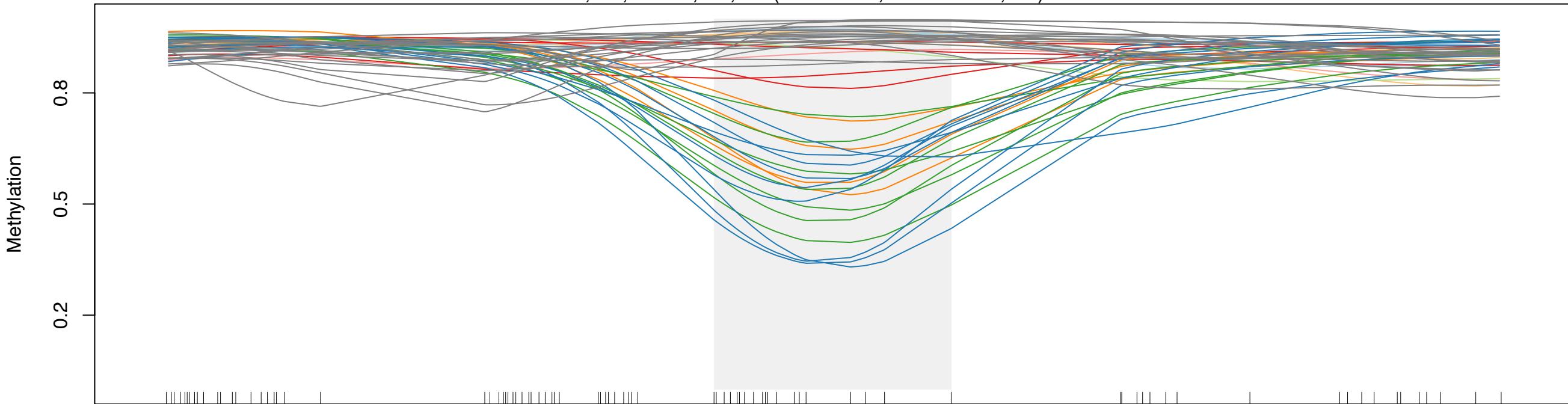
Methylation



genes

exons

chr8: 1,138,508 – 1,138,928 (width = 421, extended = 1,000)

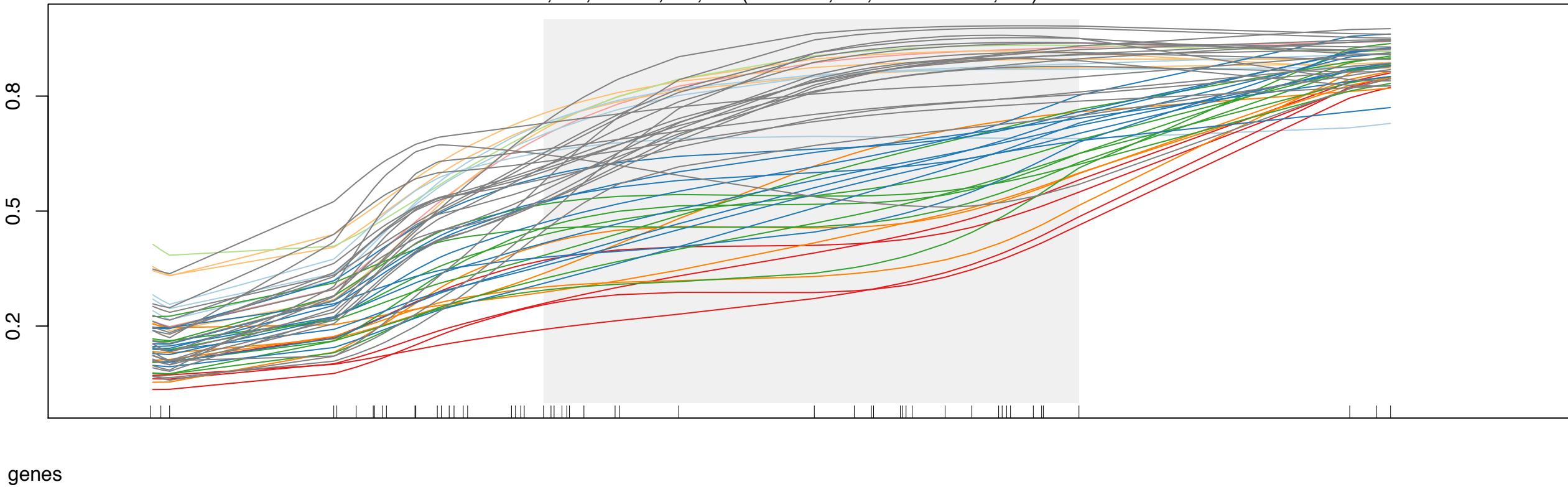


genes

exons

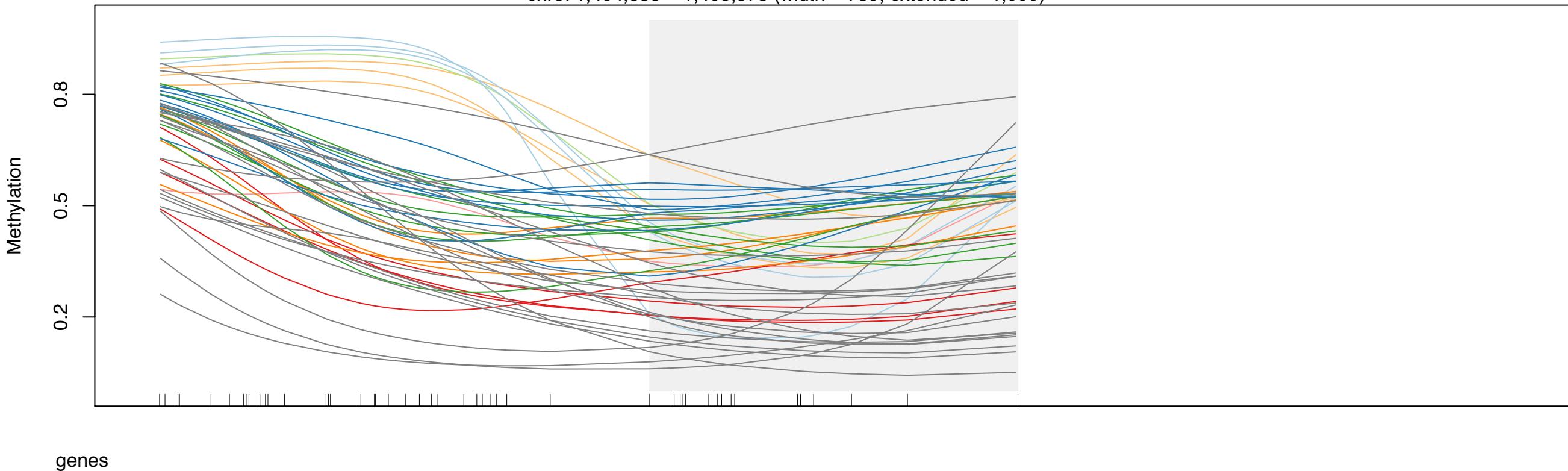
chr8: 1,387,784 – 1,389,004 (width = 1,221, extended = 1,000)

Methylation



exons

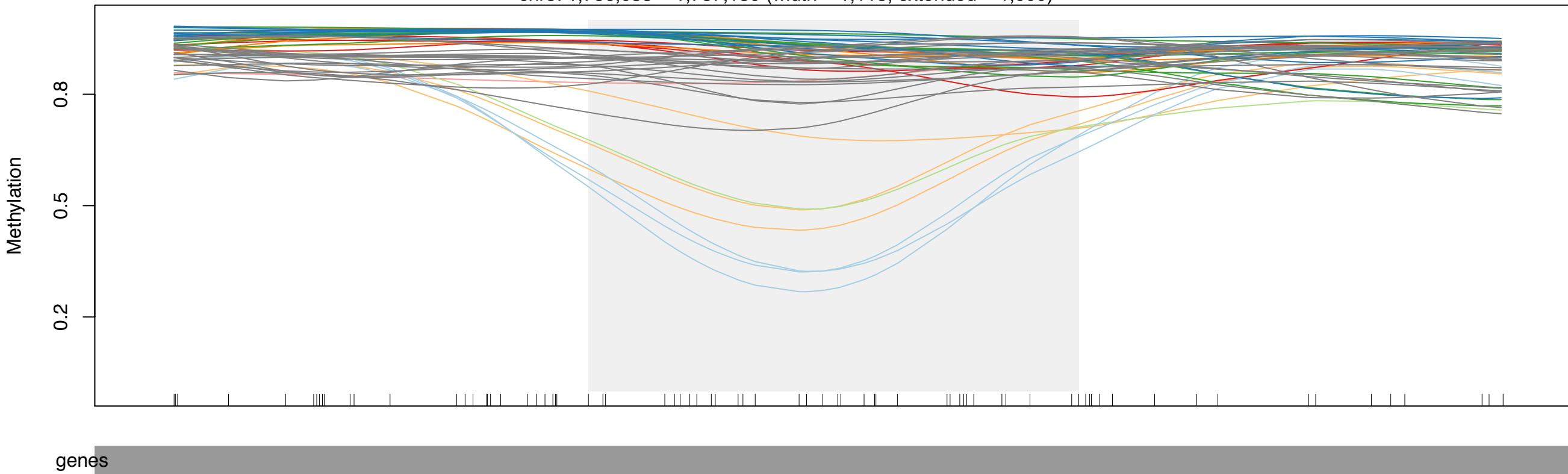
chr8: 1,404,835 – 1,405,573 (width = 739, extended = 1,000)



genes

exons

chr8: 1,786,033 – 1,787,150 (width = 1,118, extended = 1,000)

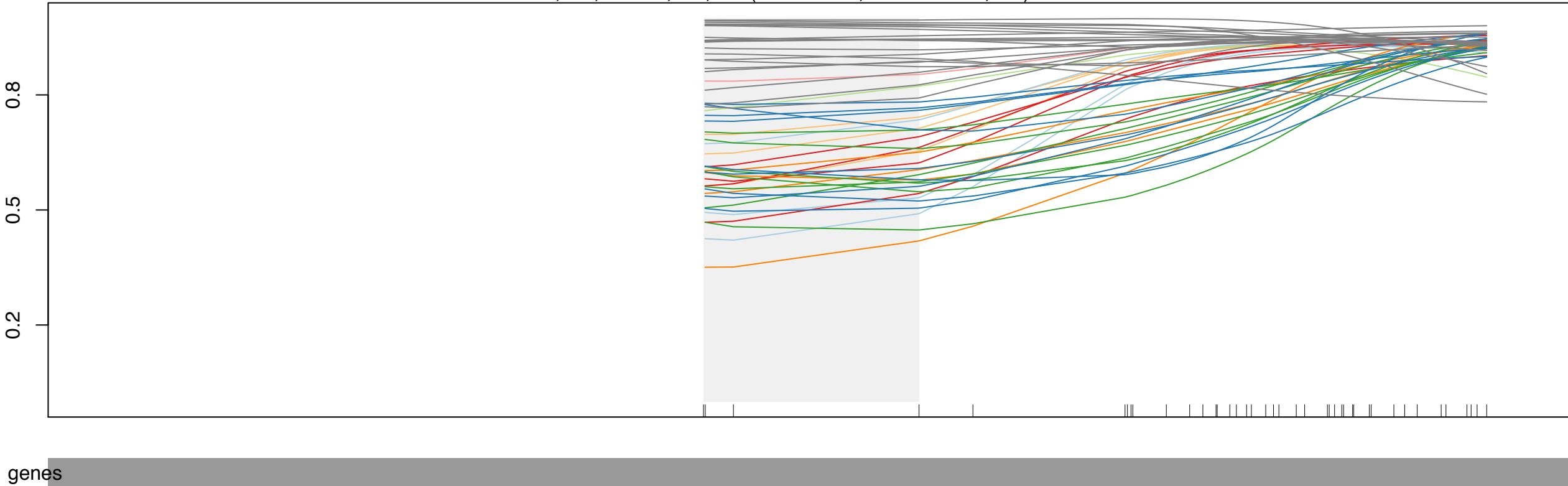


genes

exons

chr8: 4,439,501 – 4,439,861 (width = 361, extended = 1,000)

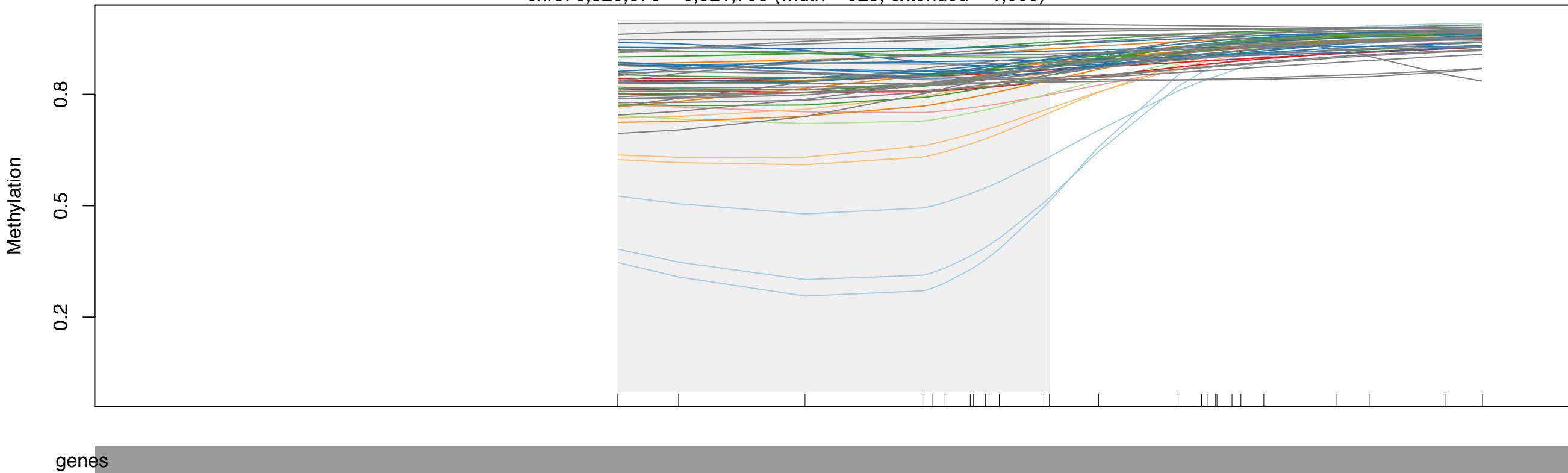
Methylation



genes

exons

chr8: 6,320,876 – 6,321,798 (width = 923, extended = 1,000)

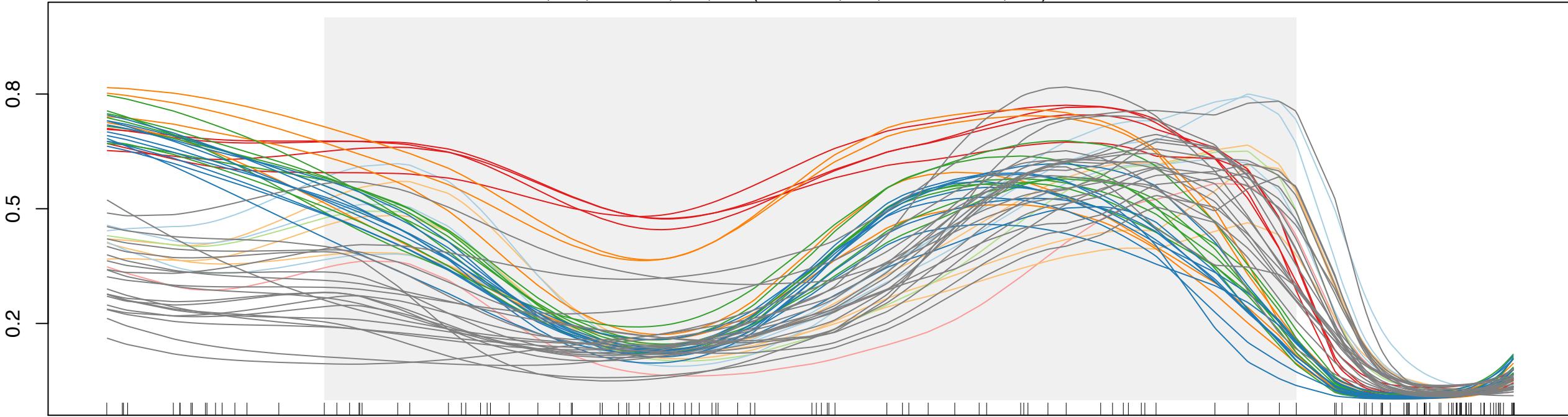


genes

exons

chr8: 27,467,042 – 27,471,465 (width = 4,424, extended = 1,000)

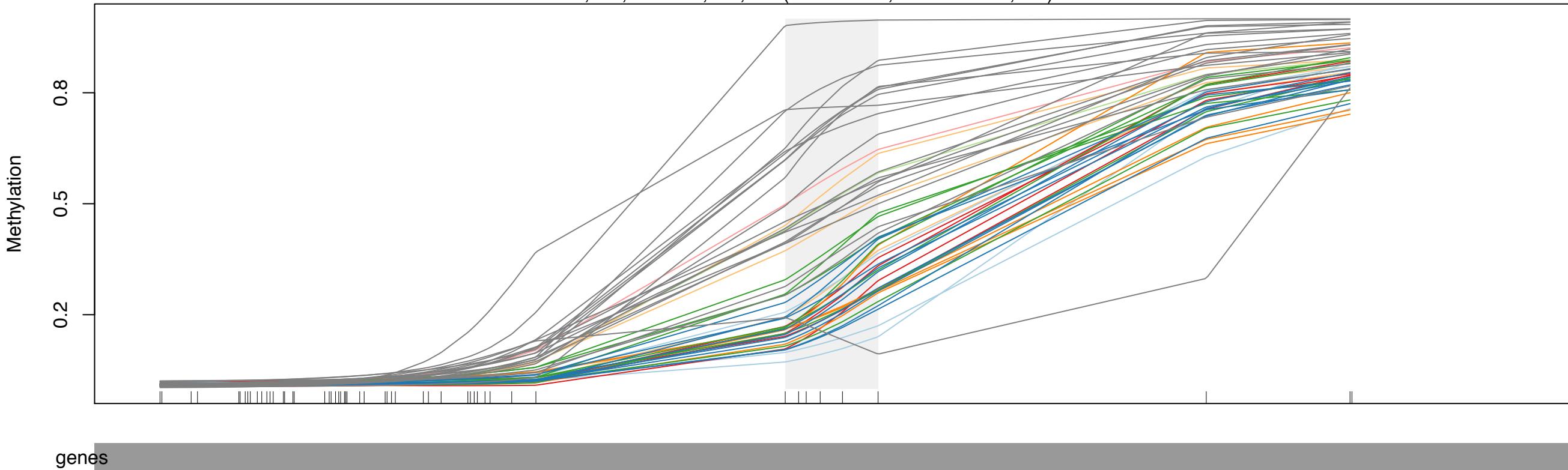
Methylation



genes

exons

chr8: 38,090,419 – 38,090,565 (width = 147, extended = 1,000)

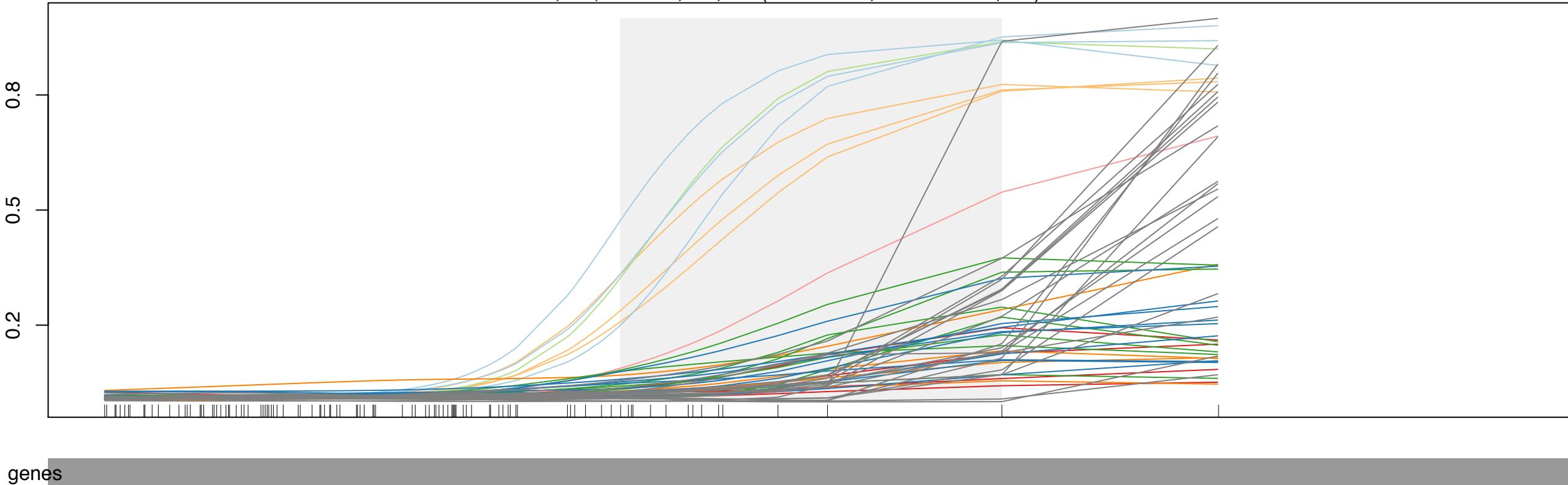


genes

exons

chr9: 90,114,016 – 90,114,755 (width = 740, extended = 1,000)

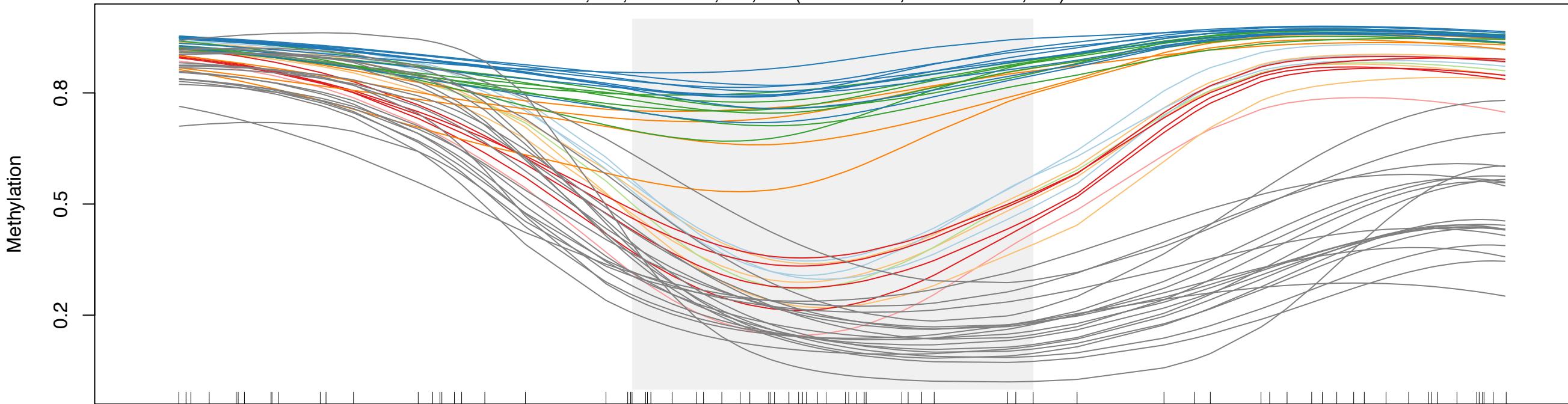
Methylation



genes

exons

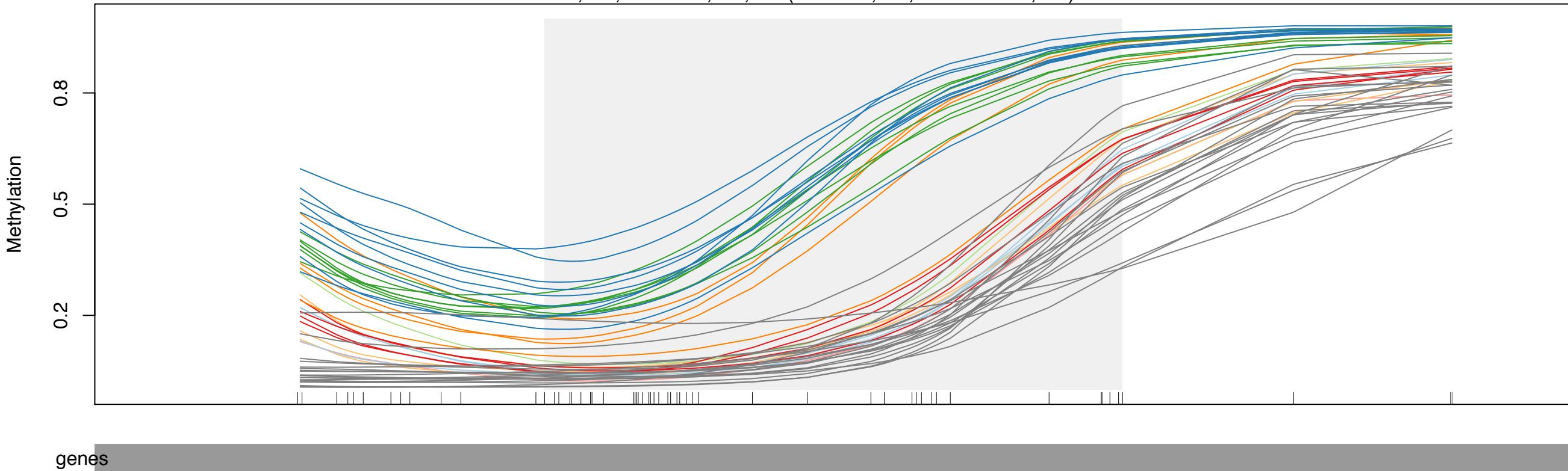
chr9: 129,433,484 – 129,434,315 (width = 832, extended = 1,000)



genes

exons

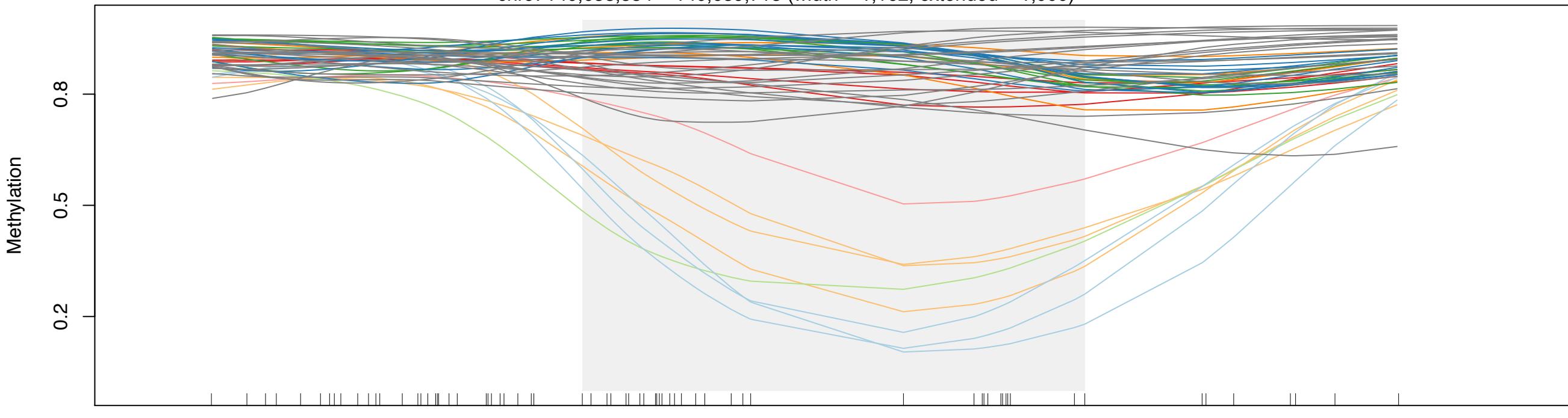
chr9: 129,439,050 – 129,440,513 (width = 1,464, extended = 1,000)



genes

exons

chr9: 140,658,554 – 140,659,715 (width = 1,162, extended = 1,000)

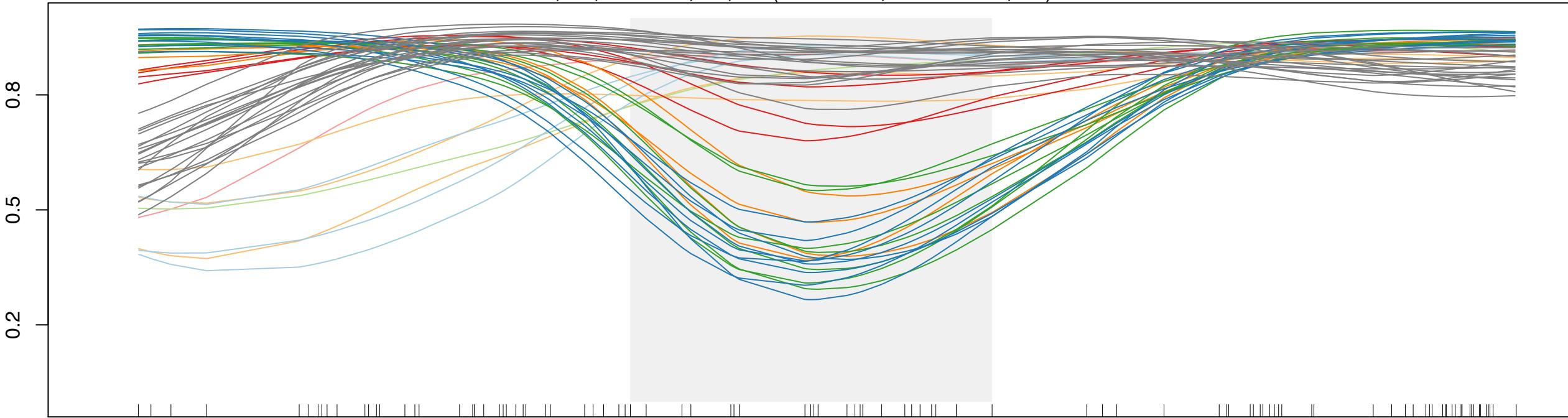


genes

exons

chr9: 140,681,608 – 140,682,296 (width = 689, extended = 1,000)

Methylation



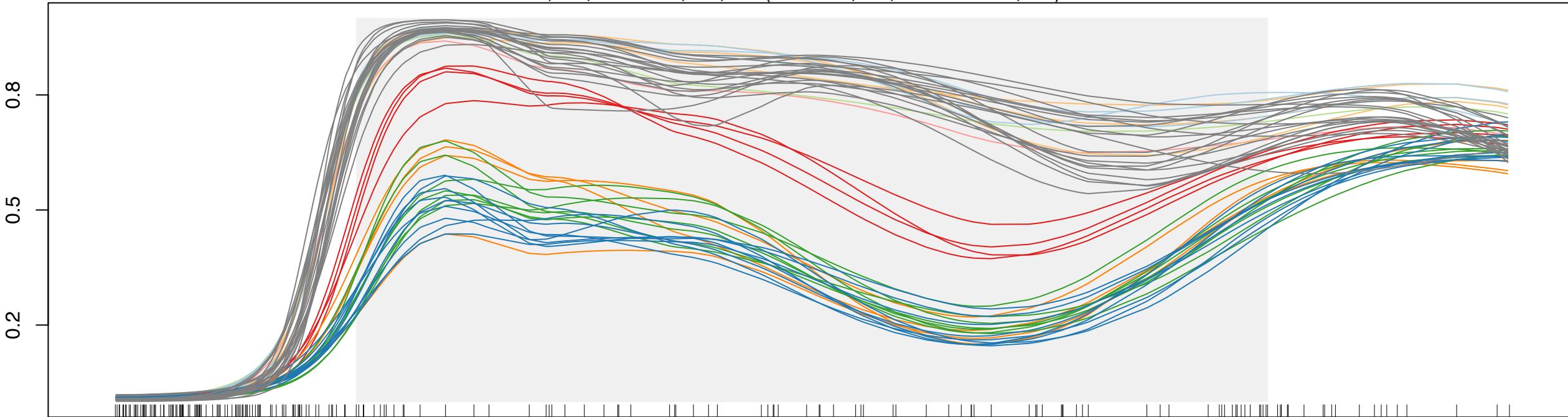
genes

exons



chr9: 140,773,700 – 140,777,324 (width = 3,625, extended = 1,000)

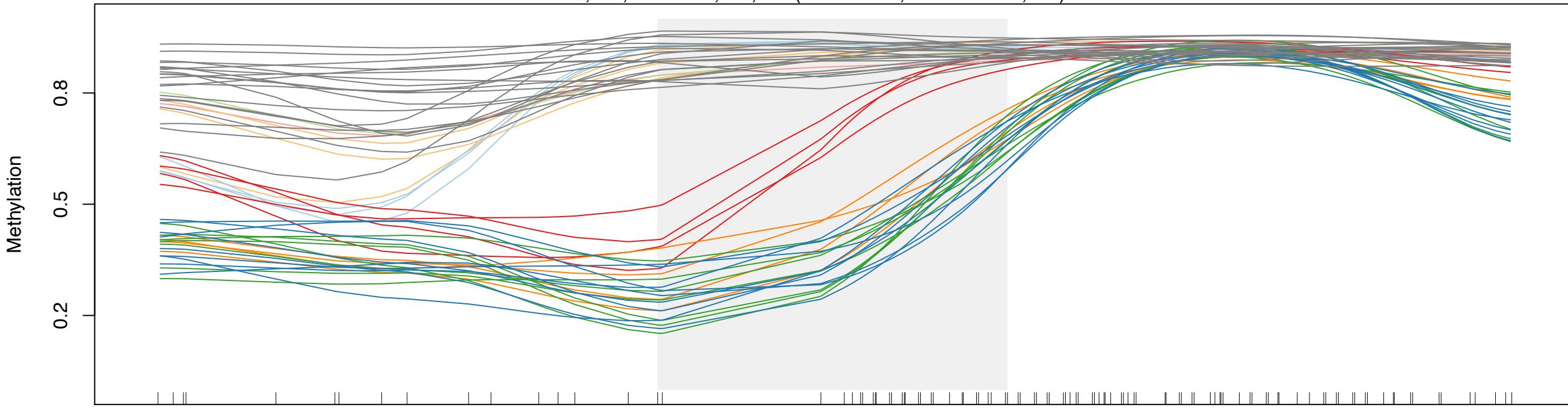
Methylation



genes

exons

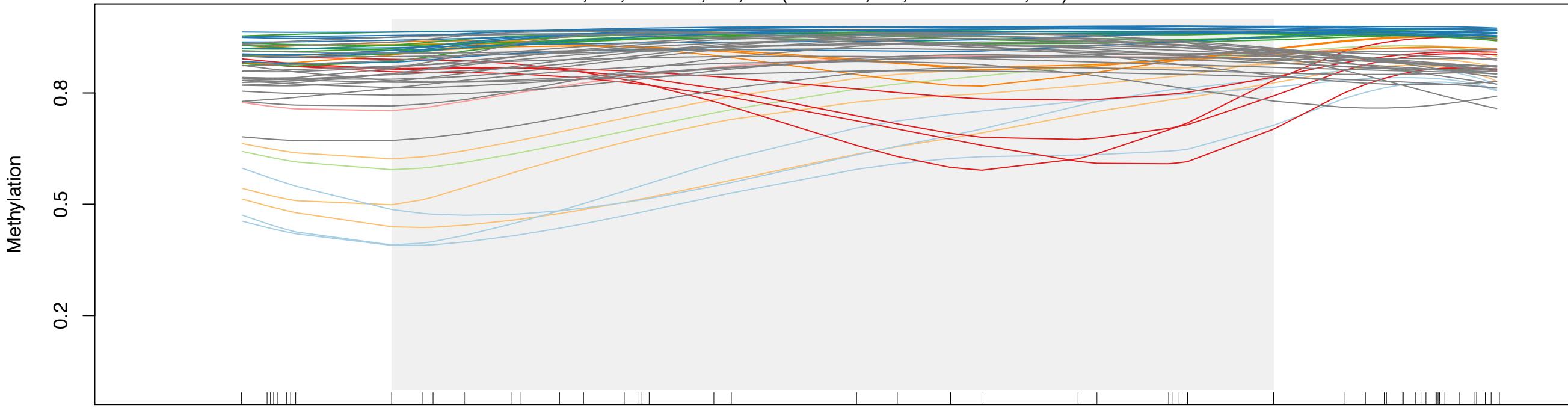
chr9: 140,815,338 – 140,816,026 (width = 689, extended = 1,000)



genes

exons

chr10: 14,585,946 – 14,589,586 (width = 3,641, extended = 1,000)

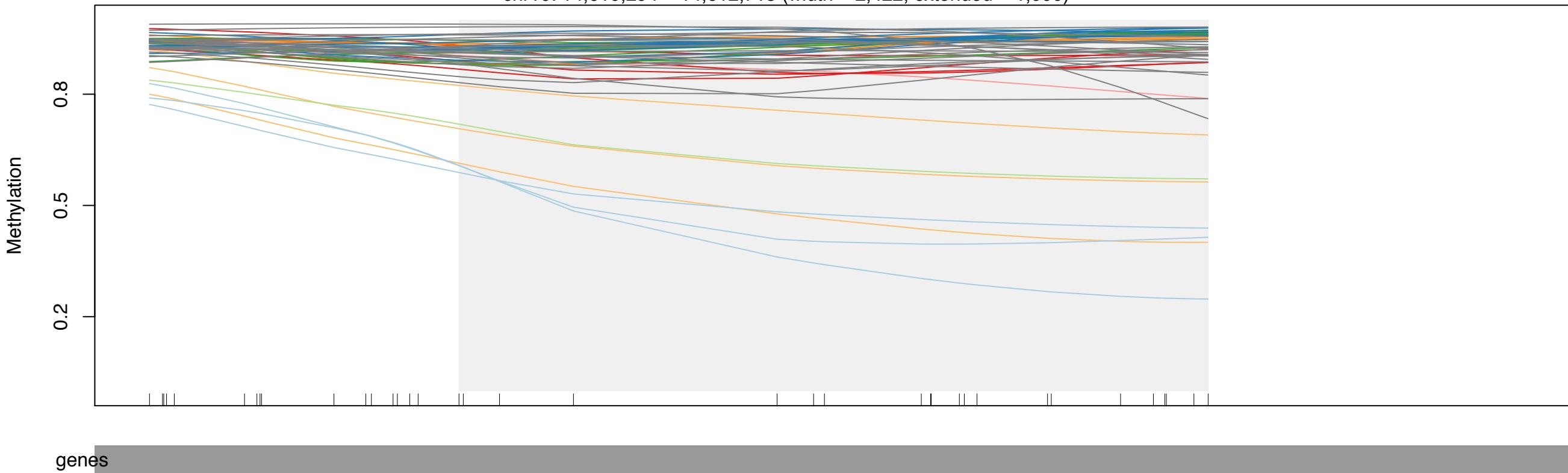


genes

exons



chr10: 14,610,294 – 14,612,715 (width = 2,422, extended = 1,000)

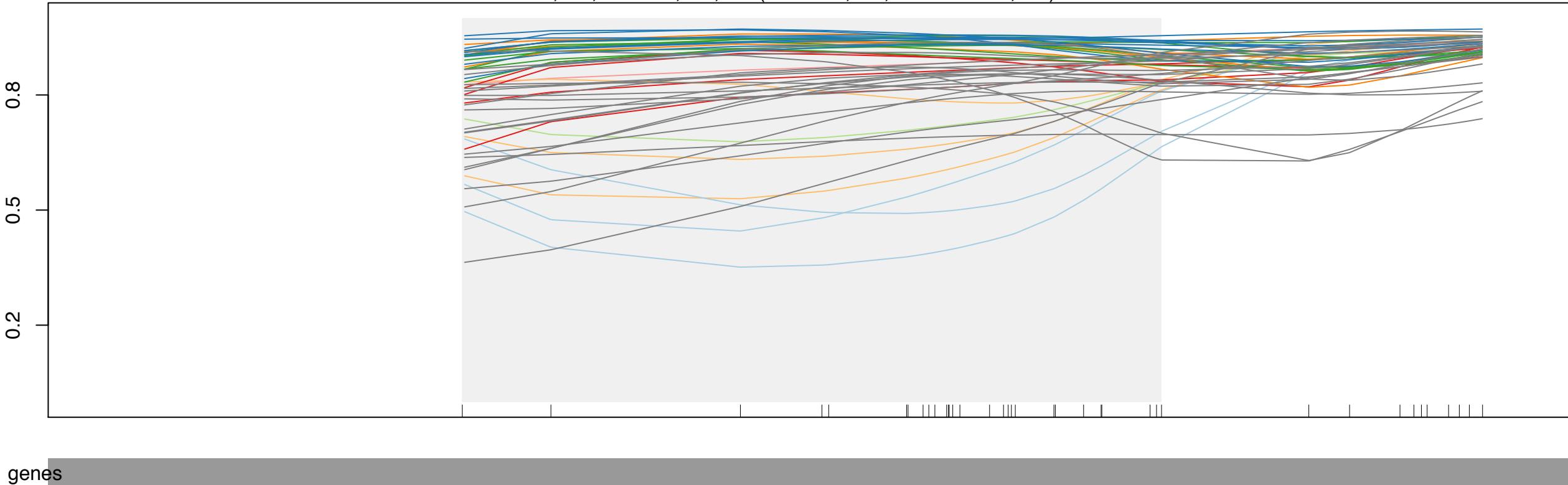


genes

exons

chr10: 14,621,838 – 14,623,794 (width = 1,957, extended = 1,000)

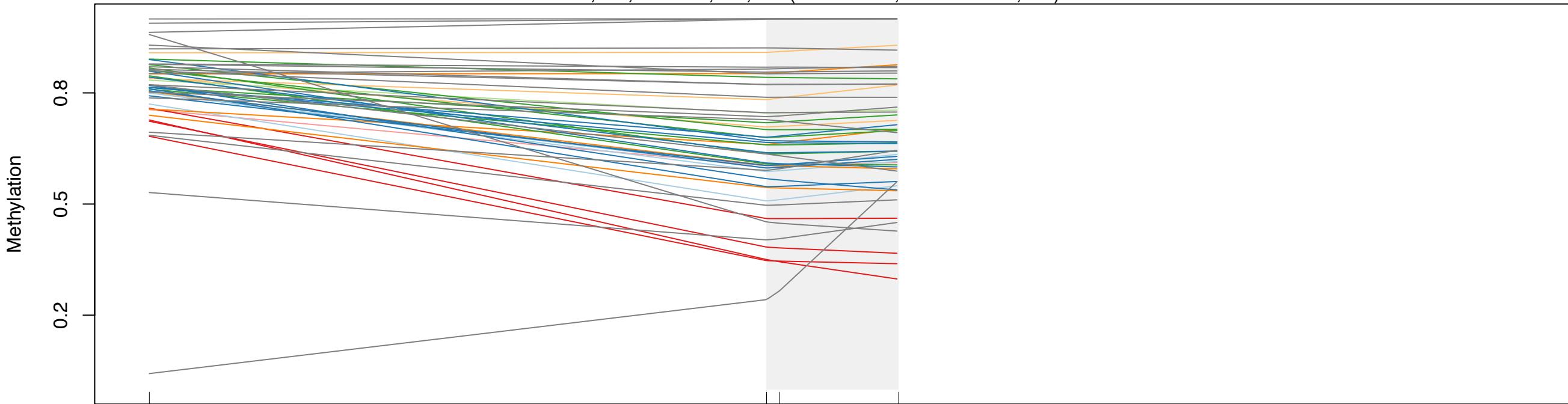
Methylation



genes

exons

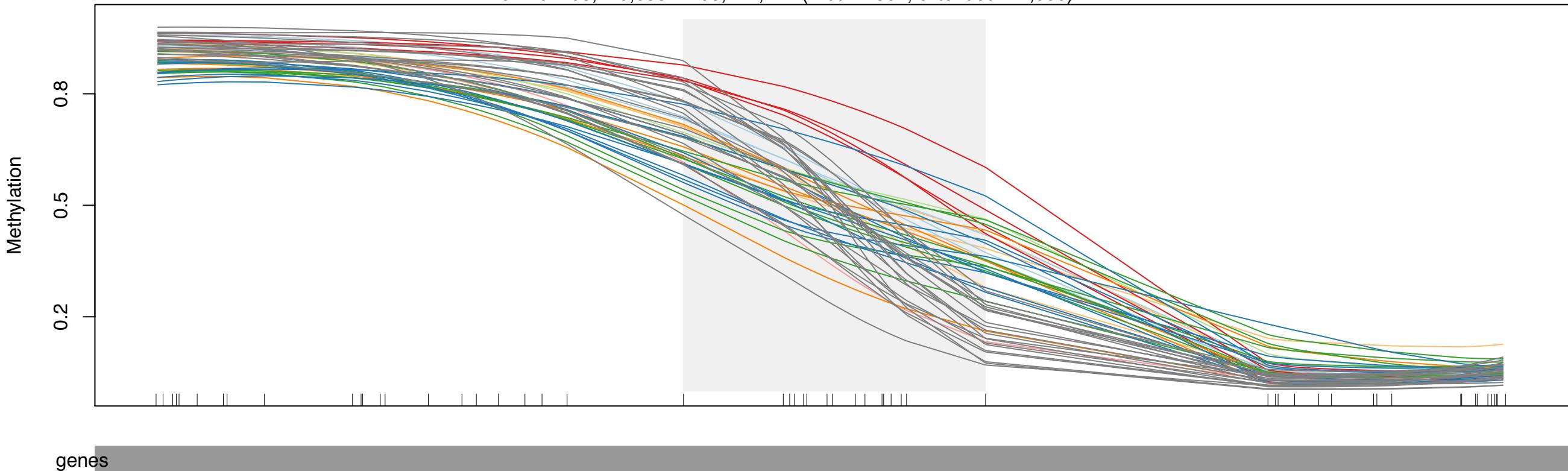
chr10: 92,615,042 – 92,615,256 (width = 215, extended = 1,000)



genes

exons

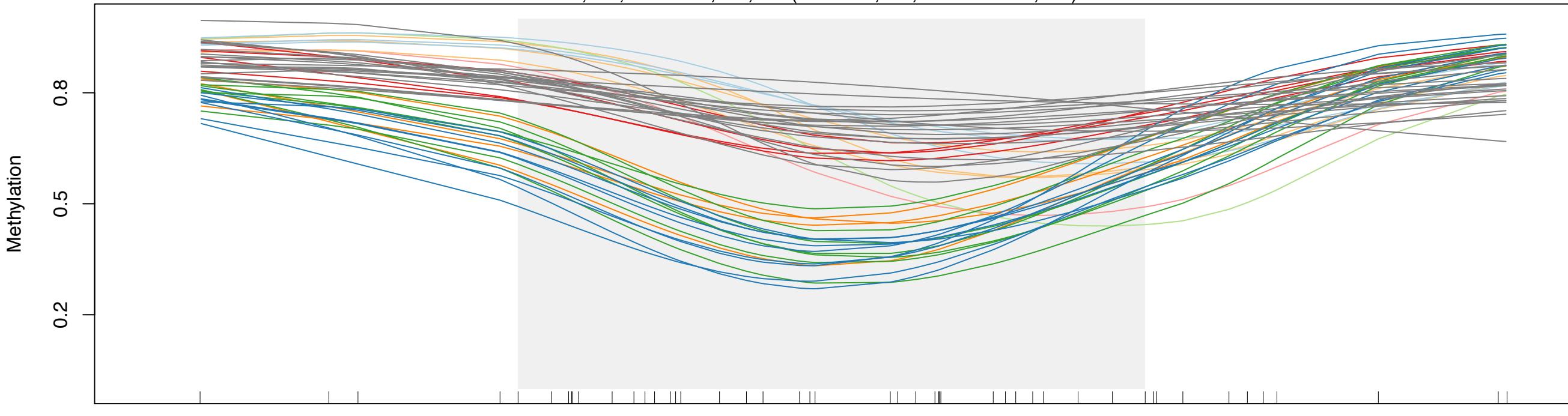
chr10: 105,210,658 – 105,211,224 (width = 567, extended = 1,000)



genes

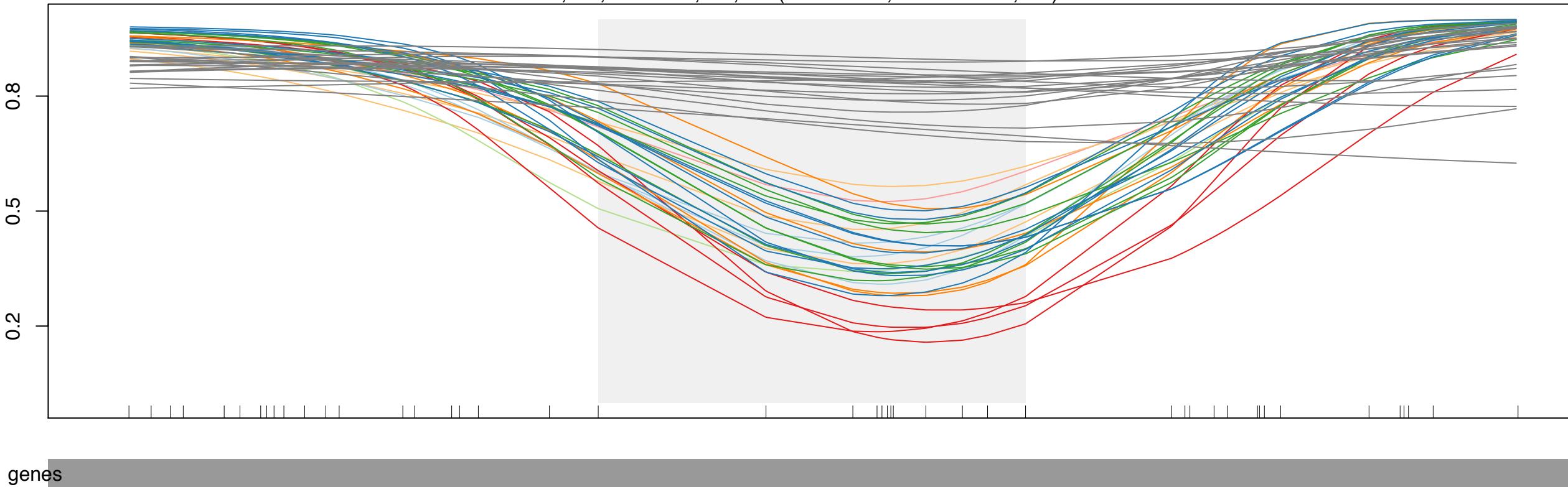
exons

chr10: 105,407,453 – 105,409,153 (width = 1,701, extended = 1,000)



chr10: 129,026,019 – 129,026,885 (width = 867, extended = 1,000)

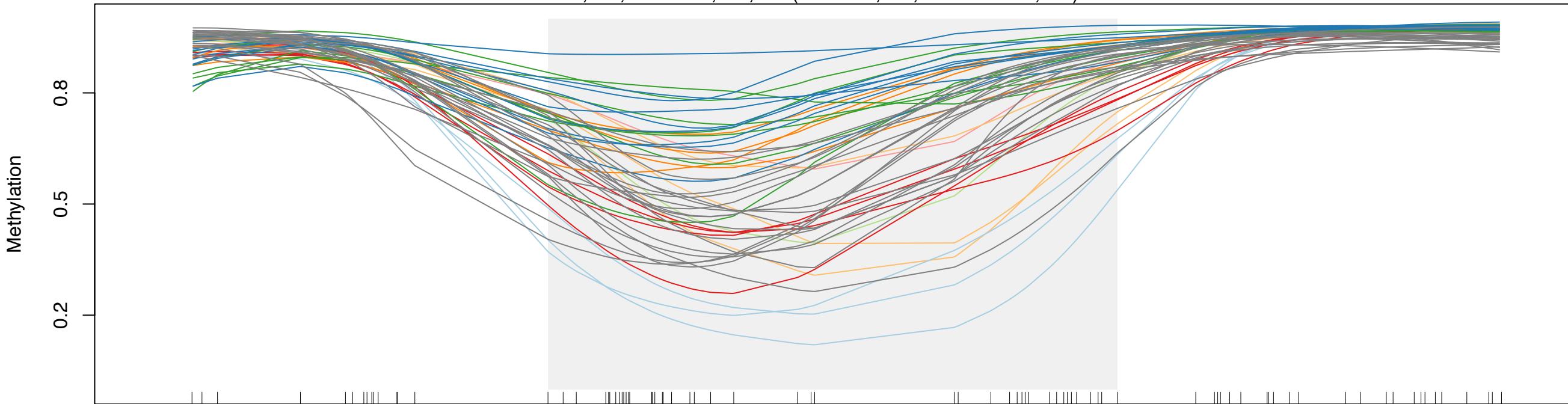
Methylation



genes

exons

chr10: 134,461,573 – 134,463,001 (width = 1,429, extended = 1,000)

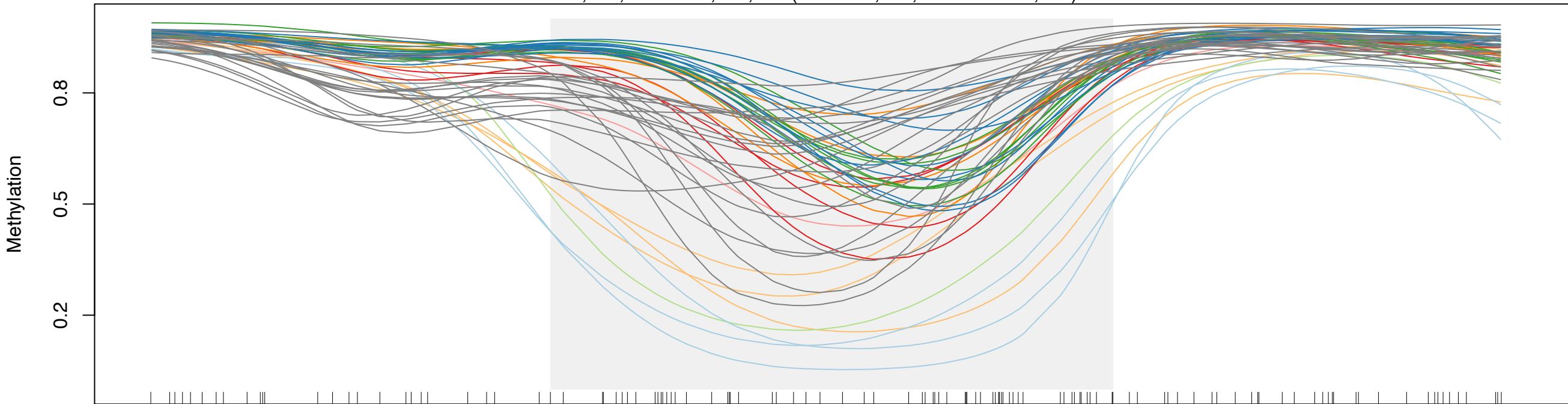


genes

exons



chr10: 134,548,697 – 134,550,099 (width = 1,403, extended = 1,000)

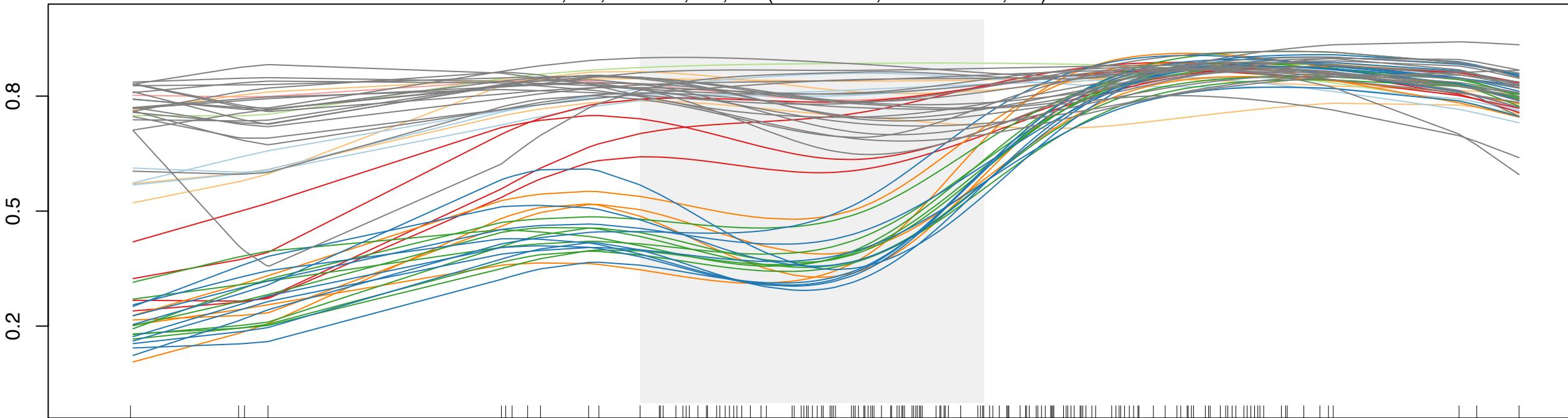


genes

exons

chr11: 66,061,796 – 66,062,438 (width = 643, extended = 1,000)

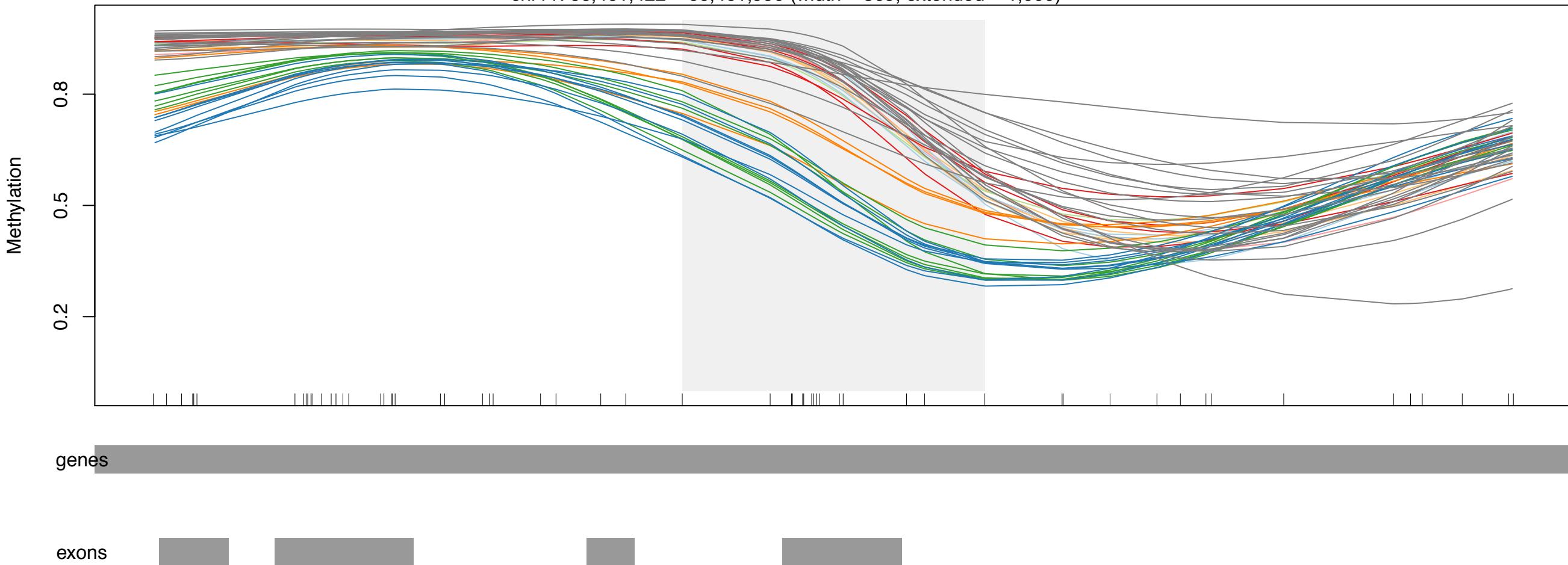
Methylation



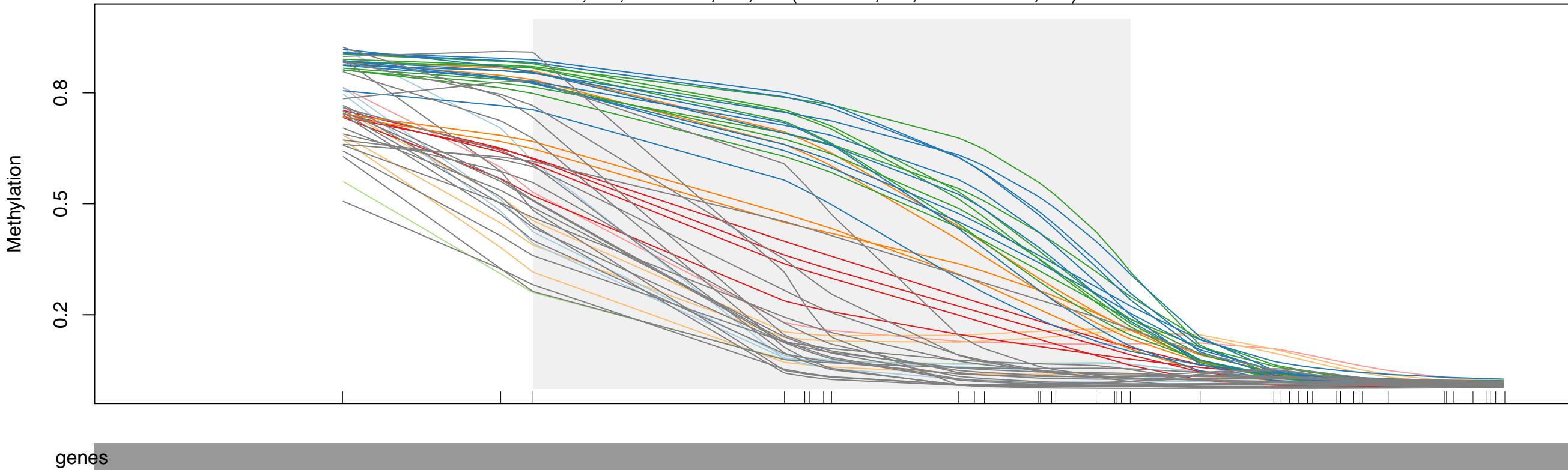
genes

exons

chr11: 66,461,422 – 66,461,990 (width = 569, extended = 1,000)



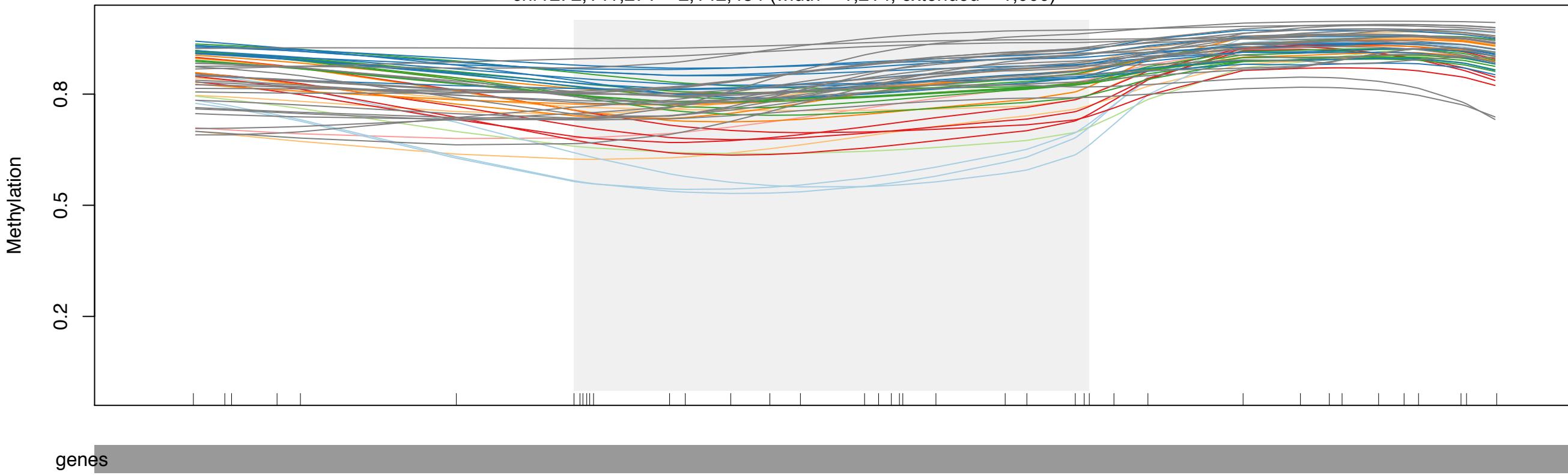
chr11: 115,370,881 – 115,372,437 (width = 1,557, extended = 1,000)



genes

exons

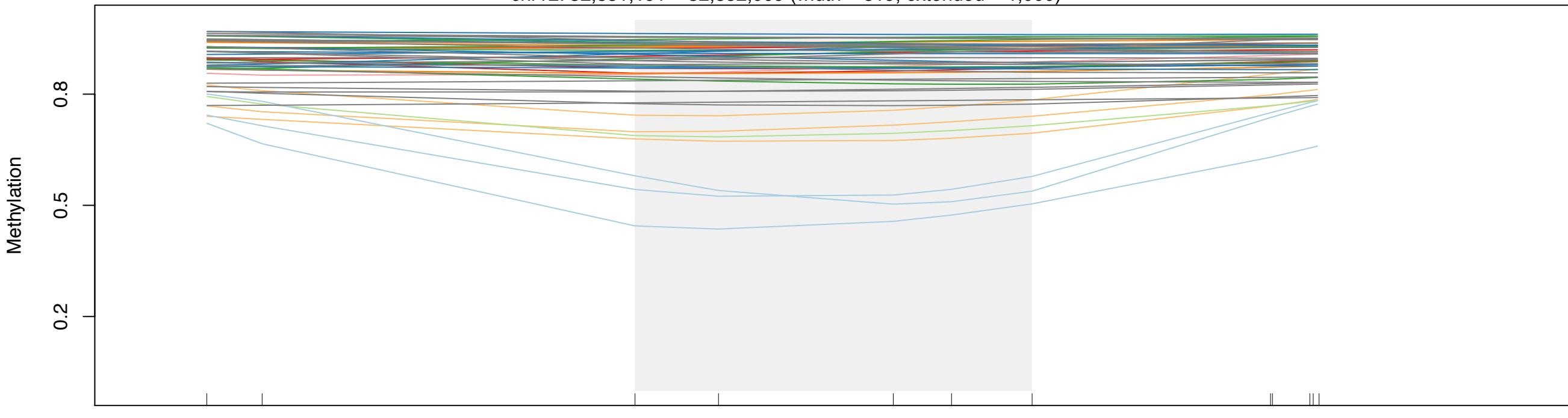
chr12: 2,141,271 – 2,142,484 (width = 1,214, extended = 1,000)



genes

exons

chr12: 32,851,191 – 32,852,009 (width = 819, extended = 1,000)

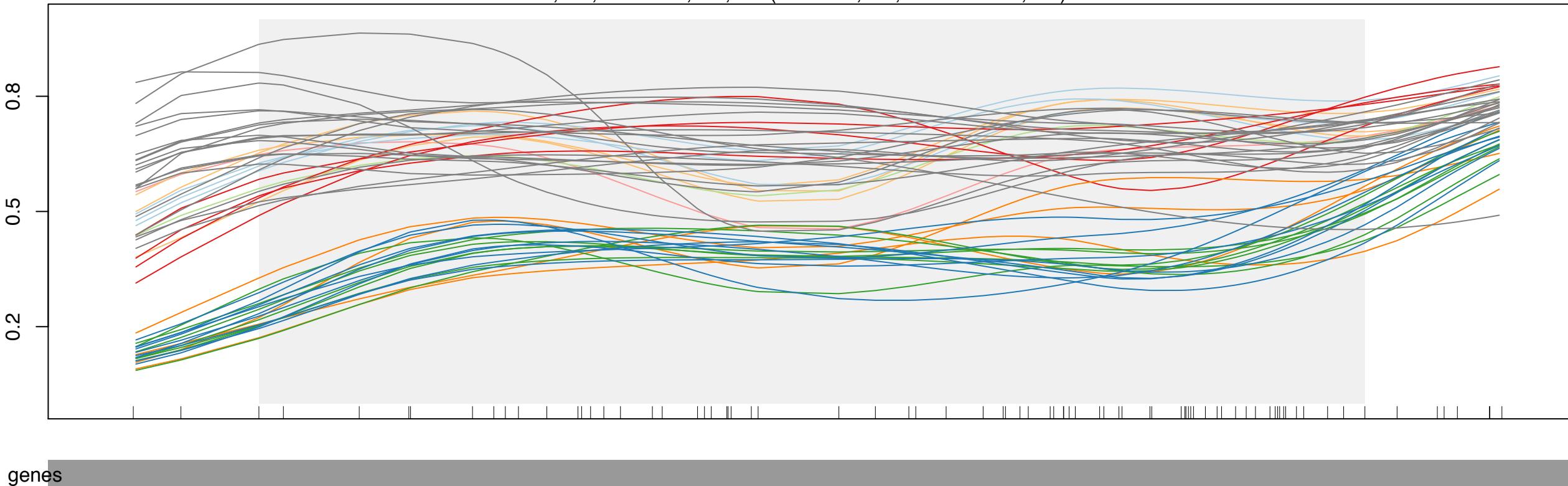


genes

exons

chr12: 113,232,709 – 113,239,885 (width = 7,177, extended = 1,000)

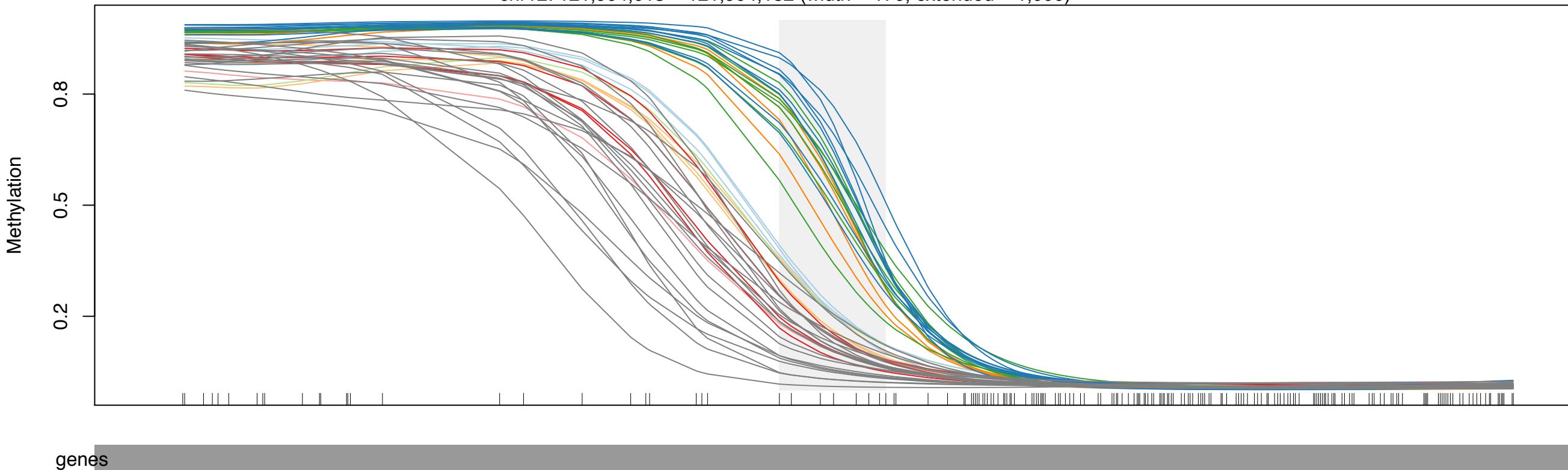
Methylation



genes

exons

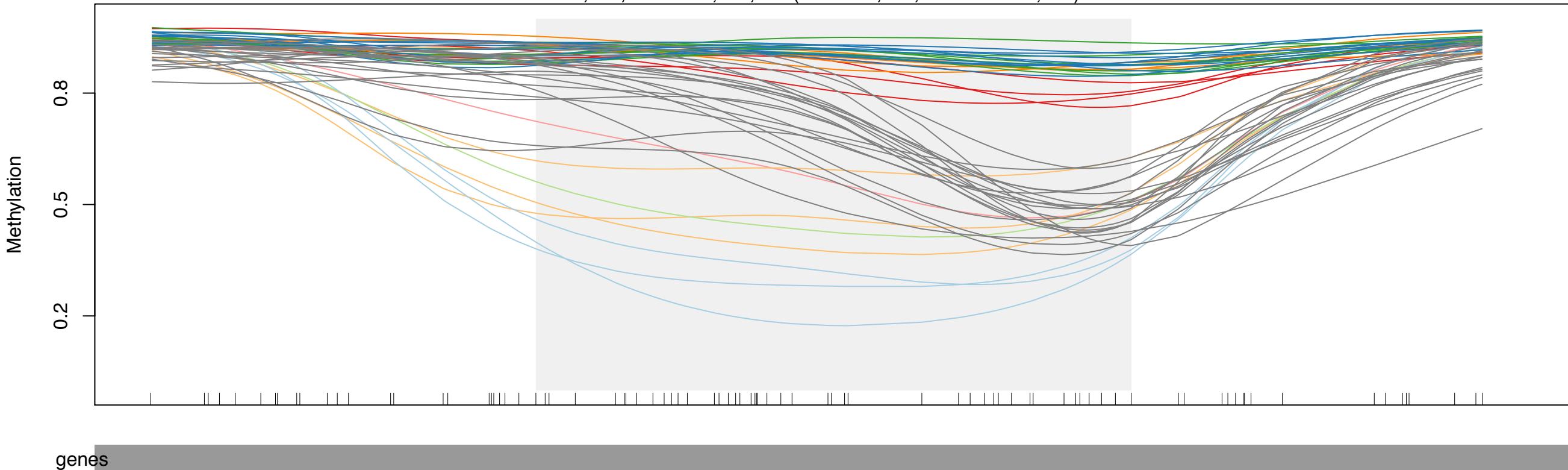
chr12: 121,904,013 – 121,904,182 (width = 170, extended = 1,000)



genes

exons

chr12: 121,961,090 – 121,962,631 (width = 1,542, extended = 1,000)

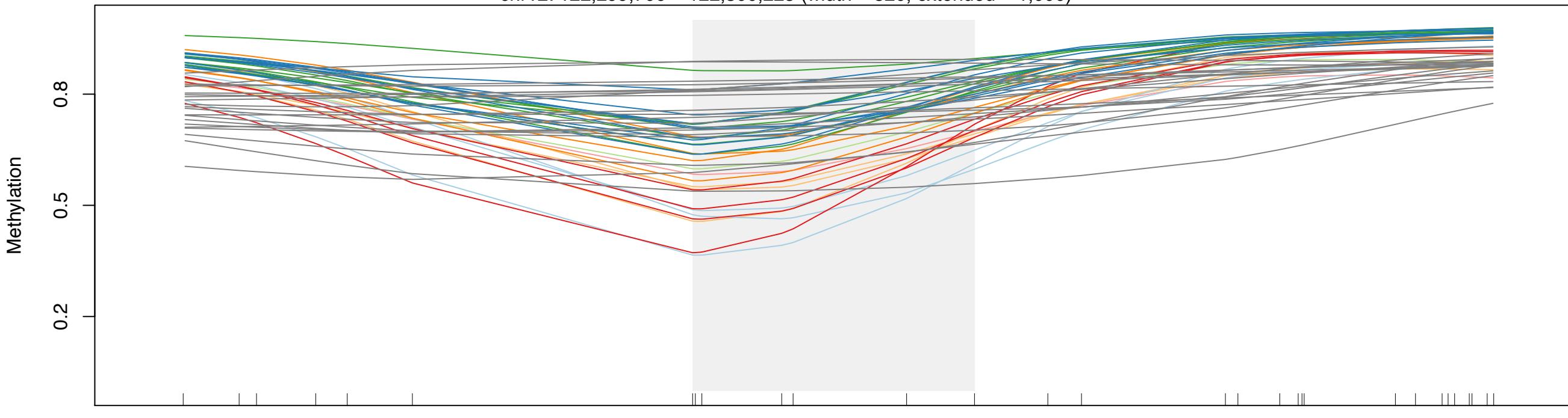


genes

exons



chr12: 122,299,706 – 122,300,225 (width = 520, extended = 1,000)

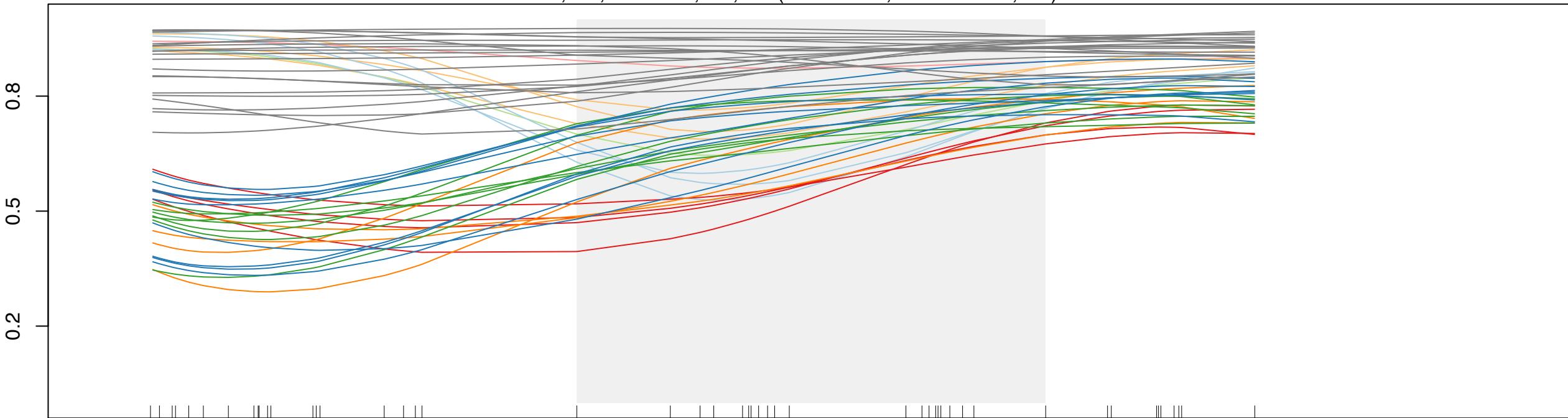


genes

exons

chr12: 123,774,309 – 123,775,302 (width = 994, extended = 1,000)

Methylation

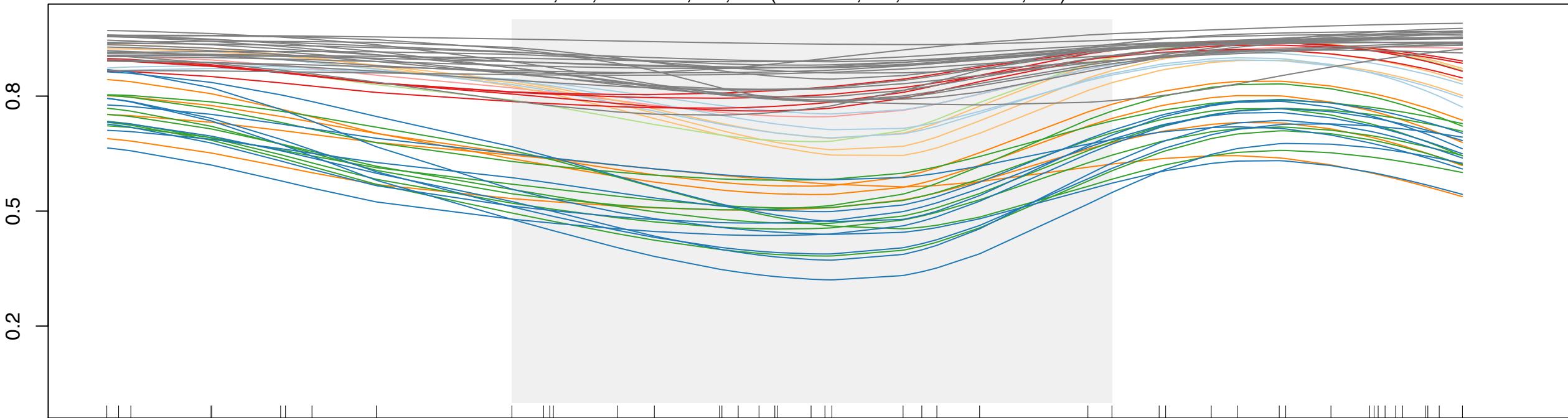


genes

exons

chr12: 123,878,799 – 123,880,273 (width = 1,475, extended = 1,000)

Methylation

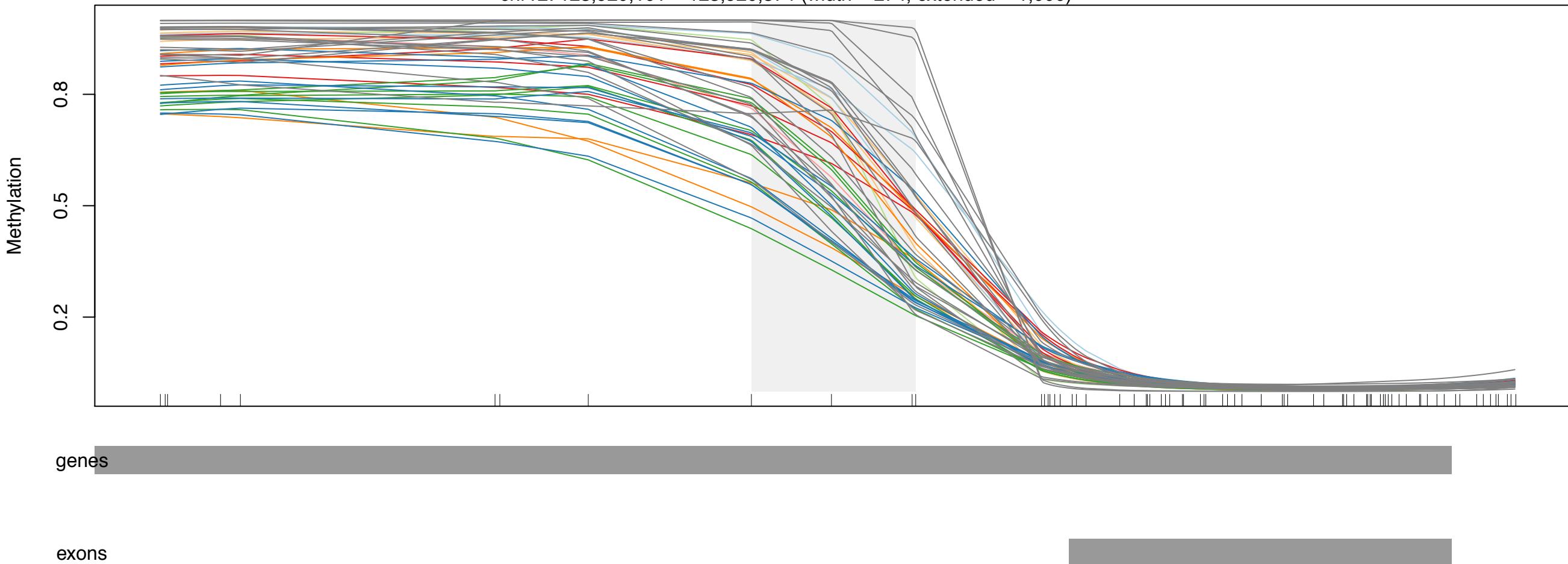


genes

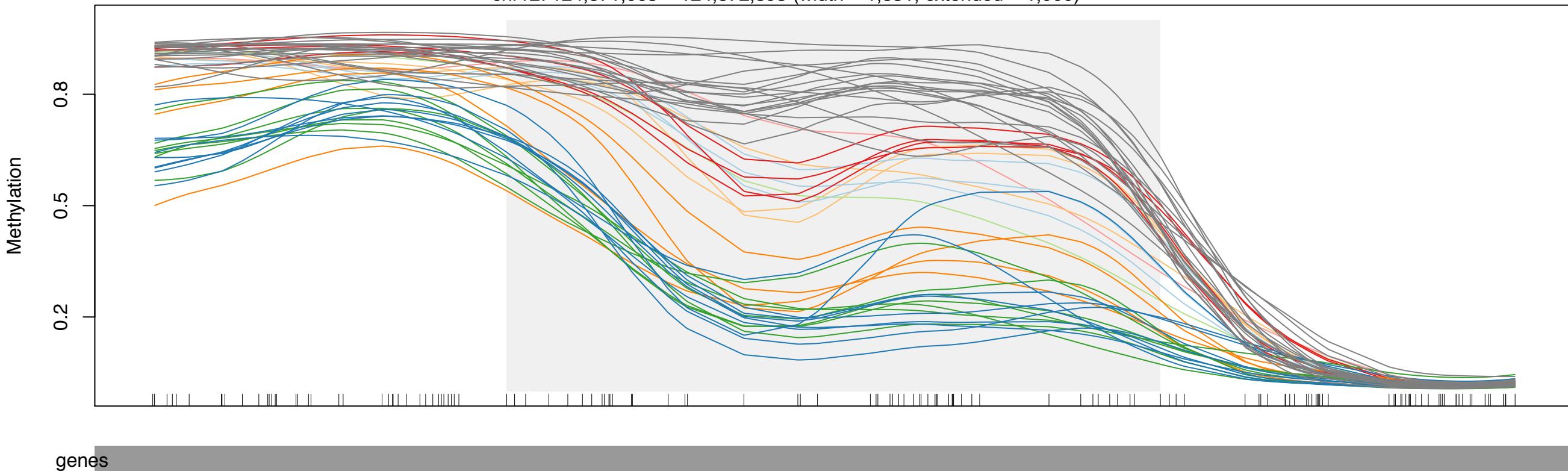
exons



chr12: 123,920,101 – 123,920,374 (width = 274, extended = 1,000)



chr12: 124,871,063 – 124,872,893 (width = 1,831, extended = 1,000)

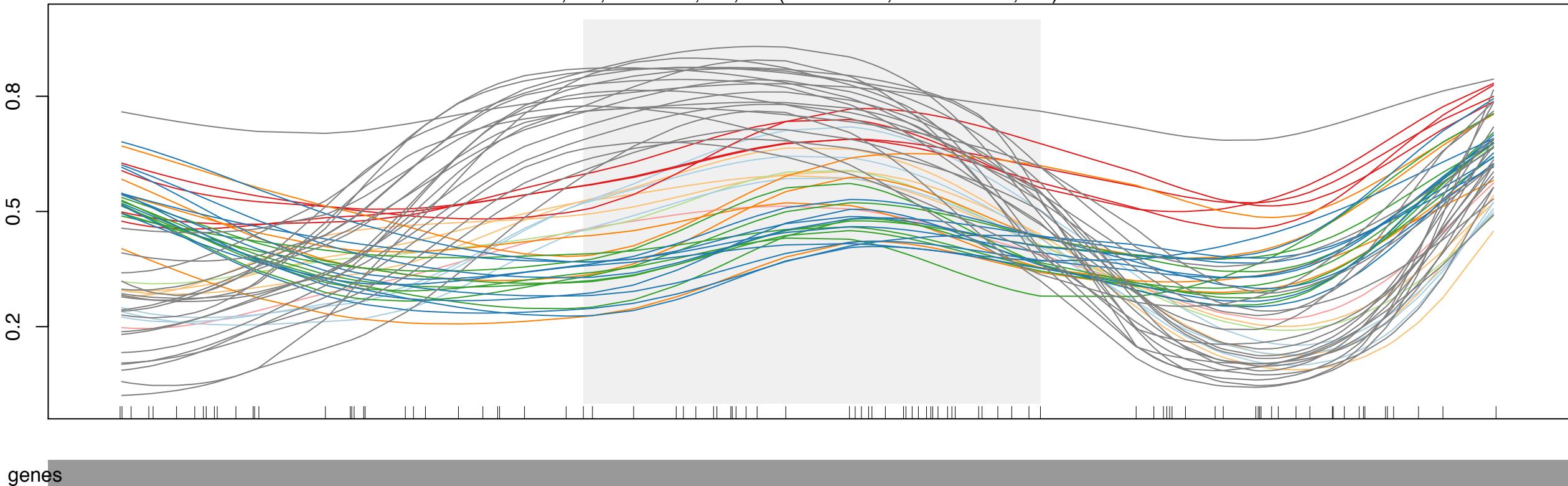


genes

exons

chr12: 124,906,436 – 124,907,391 (width = 956, extended = 1,000)

Methylation

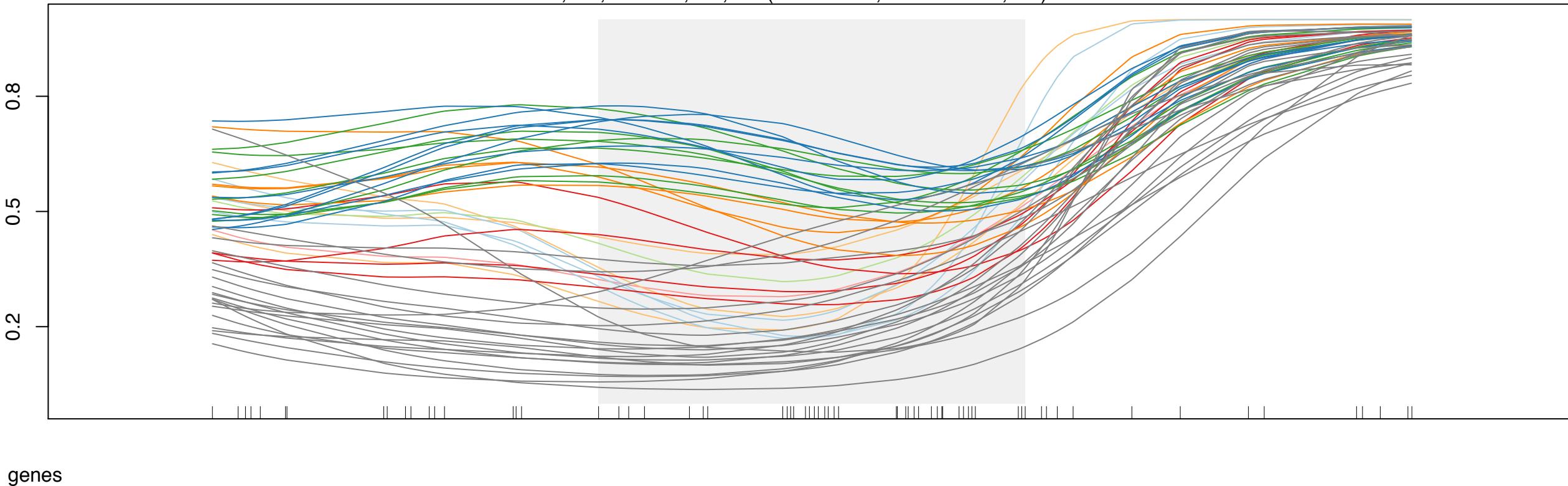


genes

exons

chr13: 31,305,573 – 31,306,437 (width = 865, extended = 1,000)

Methylation

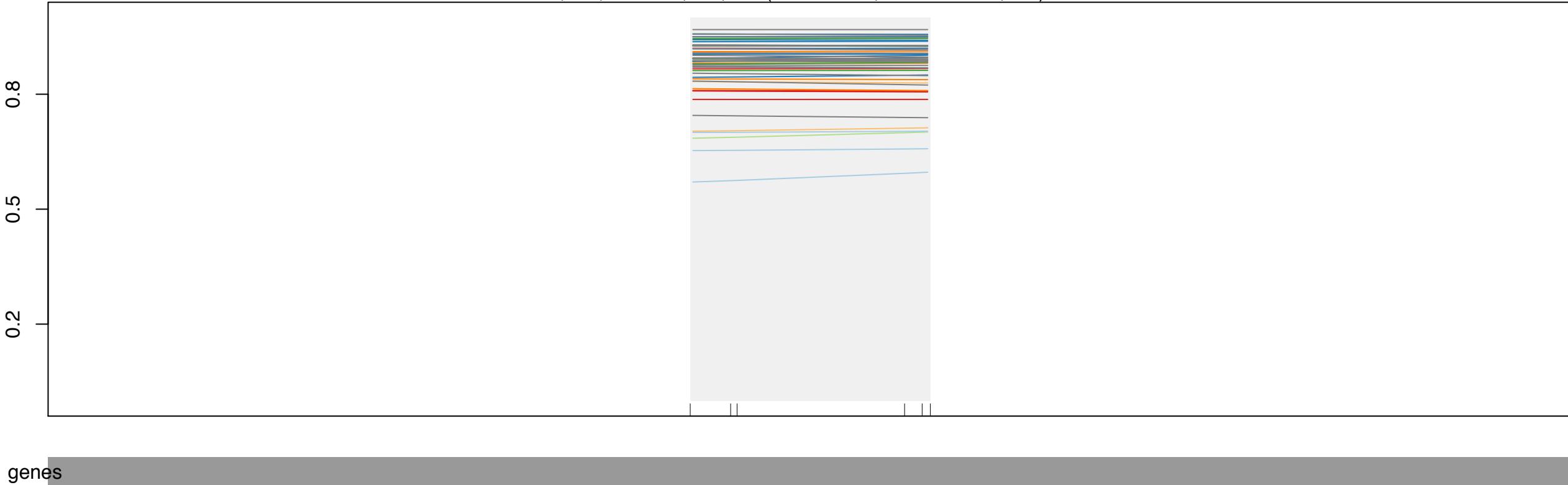


genes

exons

chr13: 35,917,703 – 35,918,113 (width = 411, extended = 1,000)

Methylation

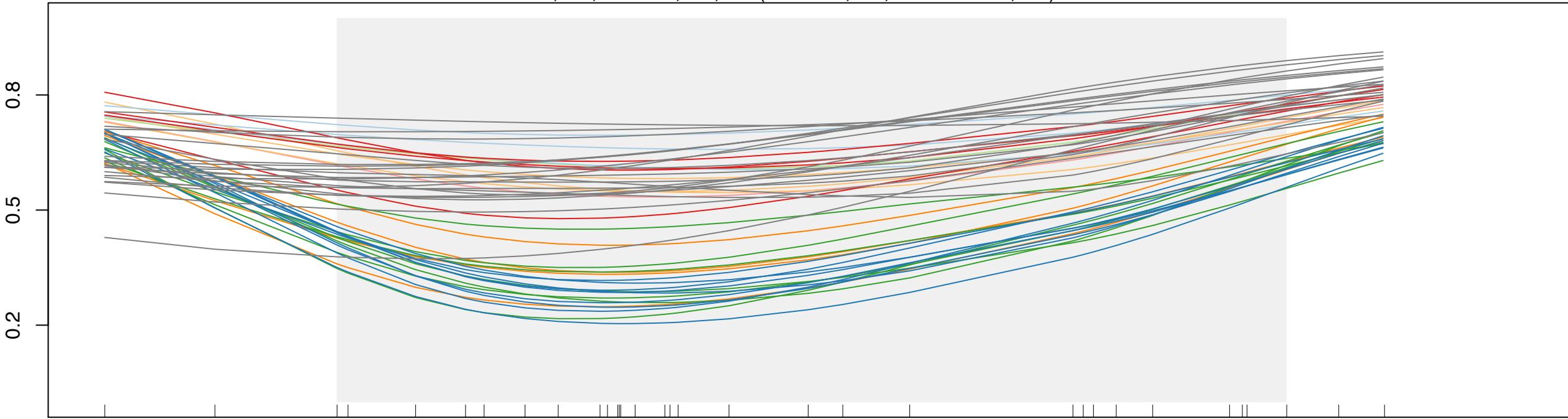


genes

exons

chr14: 78,868,799 – 78,872,887 (width = 4,089, extended = 1,000)

Methylation



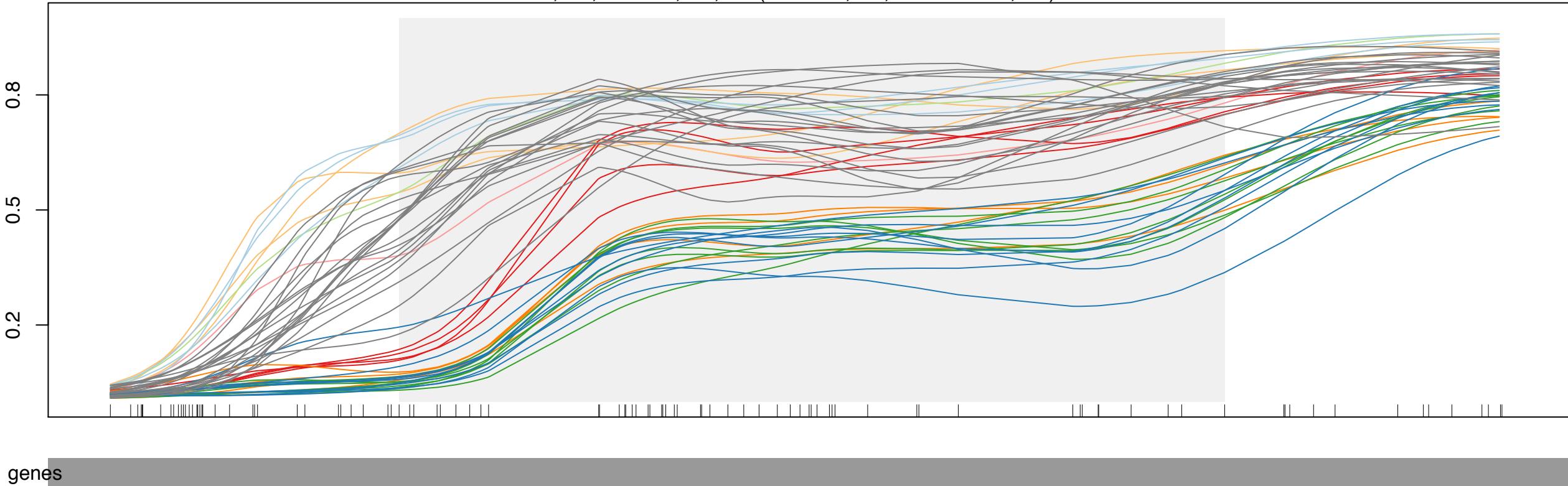
genes

exons



chr15: 29,132,874 – 29,135,679 (width = 2,806, extended = 1,000)

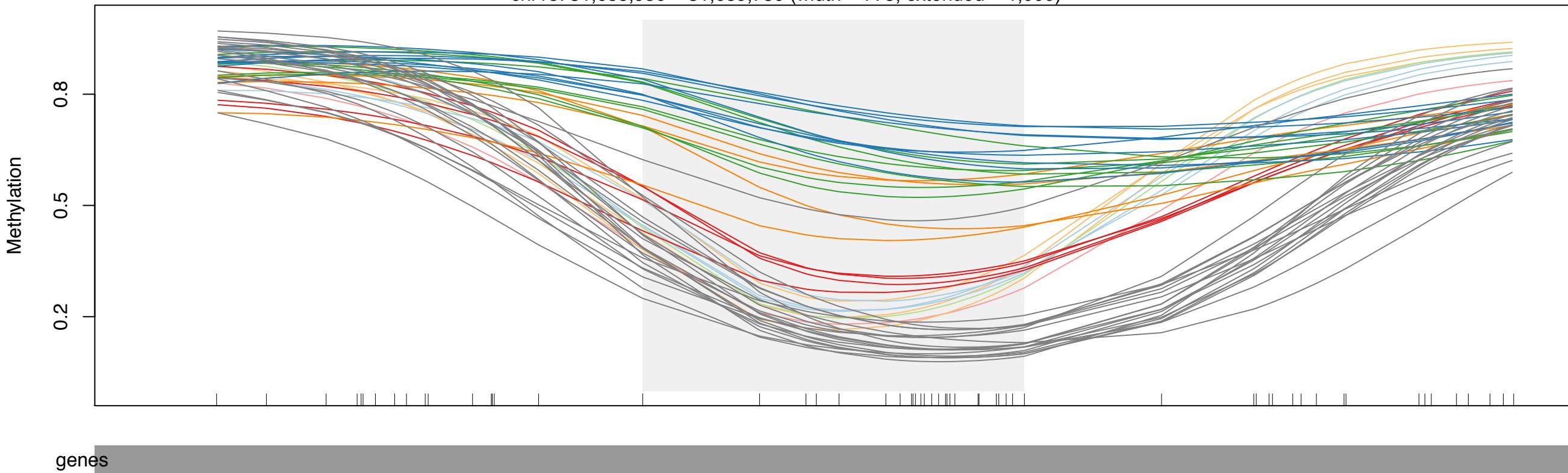
Methylation



genes

exons

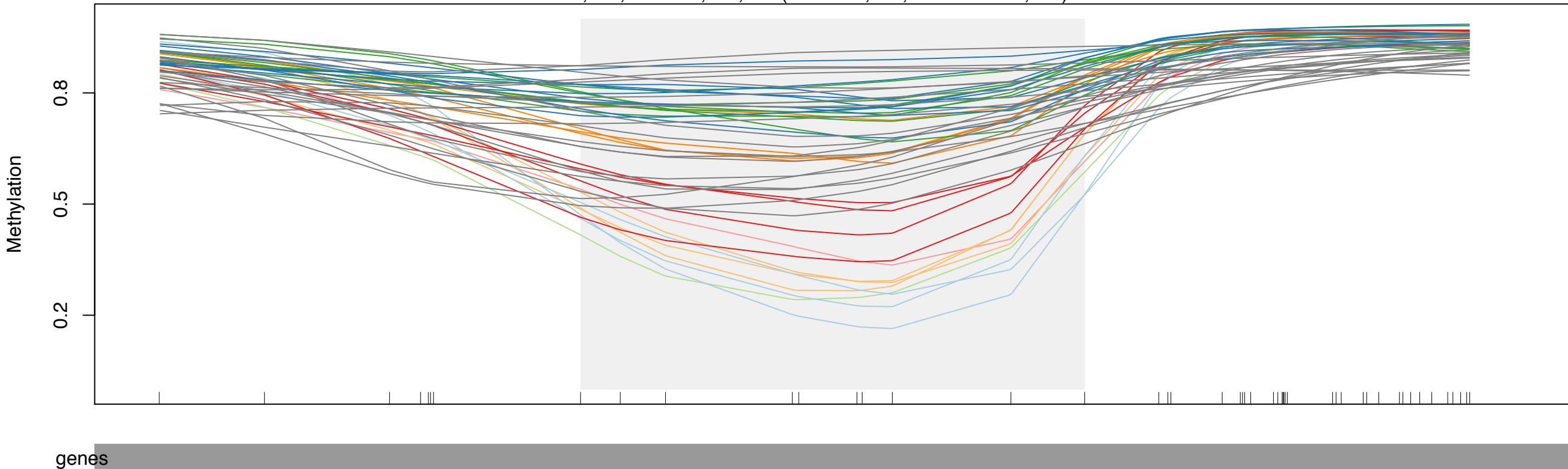
chr15: 31,688,956 – 31,689,730 (width = 775, extended = 1,000)



genes

exons

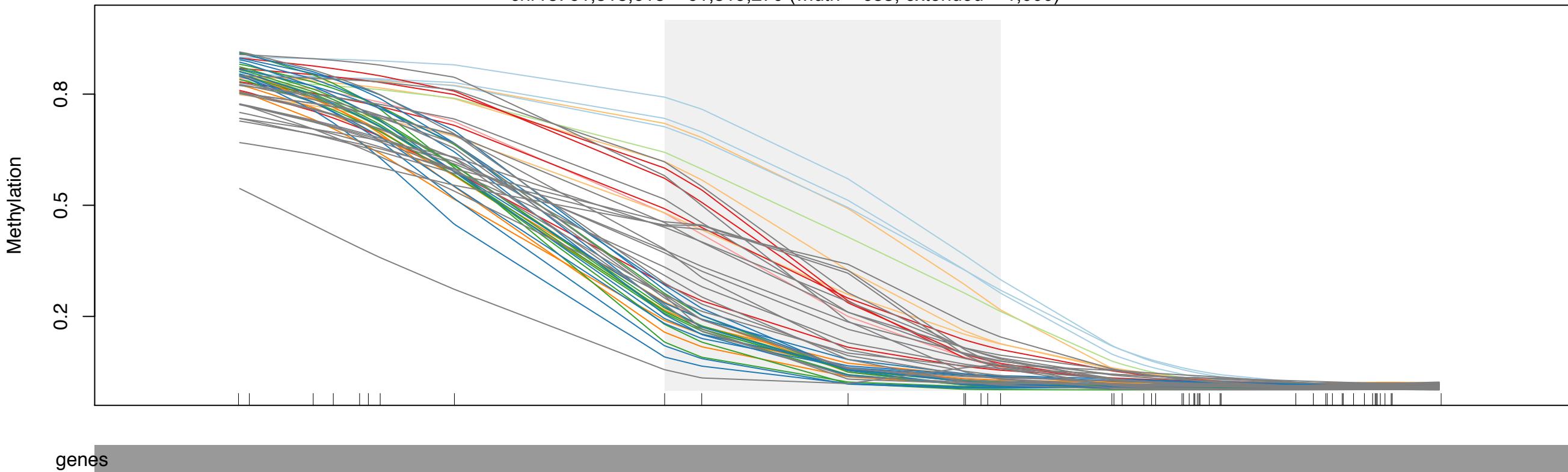
chr15: 61,236,984 – 61,238,153 (width = 1,170, extended = 1,000)



genes

exons

chr15: 61,518,618 – 61,519,270 (width = 653, extended = 1,000)

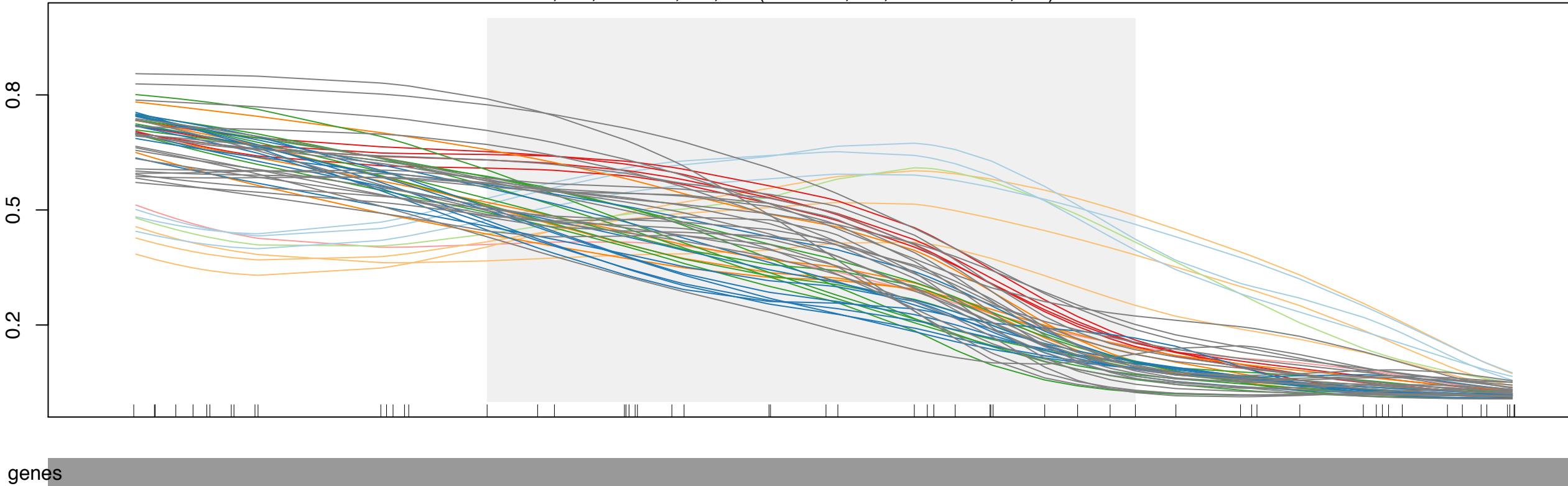


genes

exons

chr15: 72,519,464 – 72,521,159 (width = 1,696, extended = 1,000)

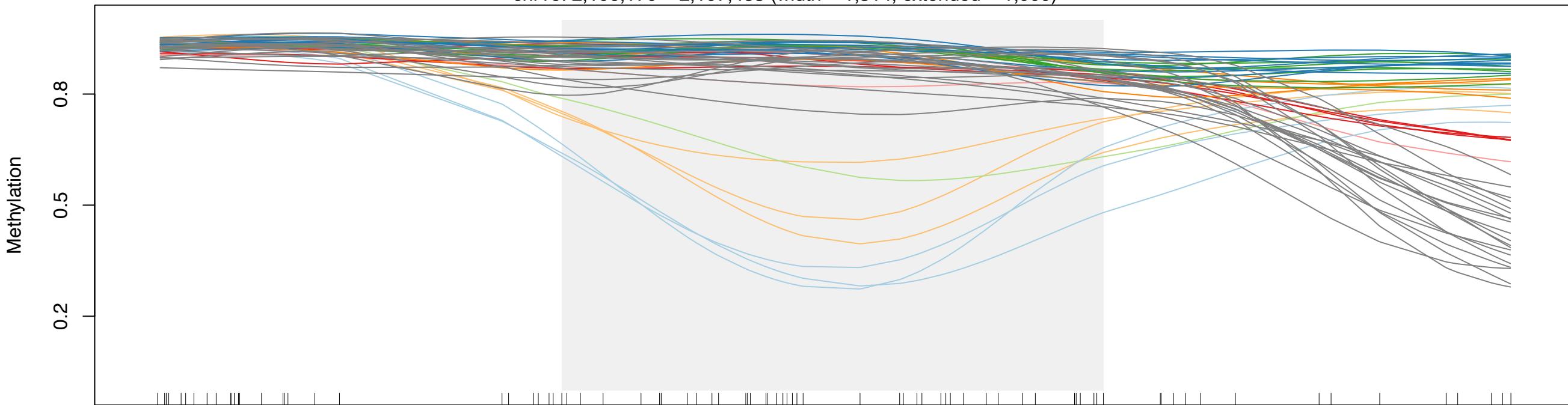
Methylation



genes

exons

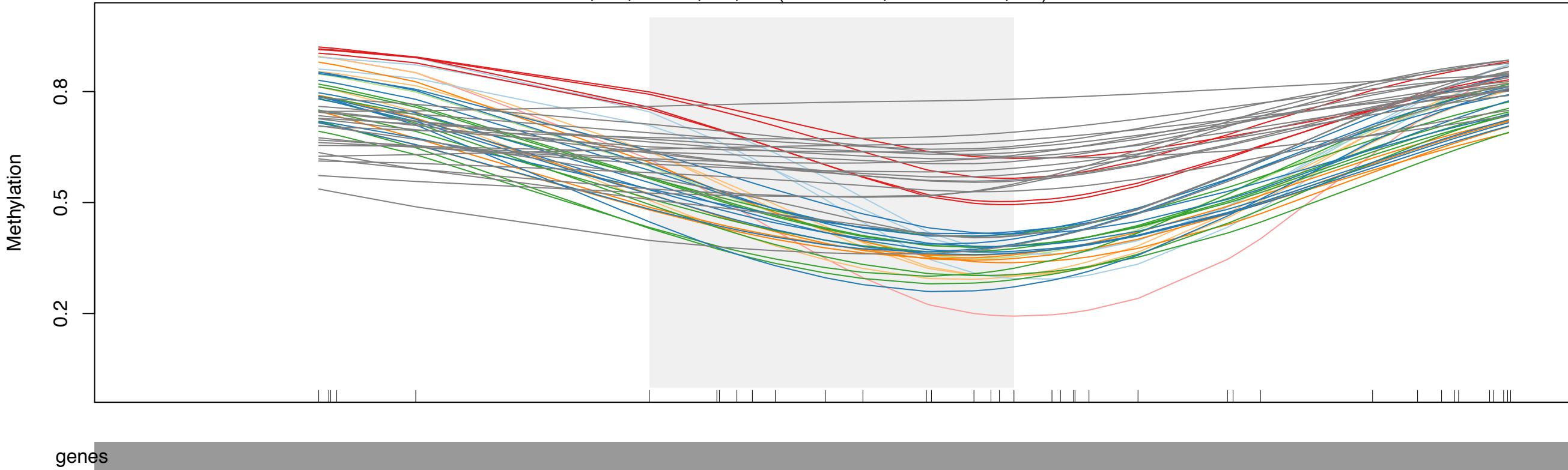
chr16: 2,106,170 – 2,107,483 (width = 1,314, extended = 1,000)



genes

exons

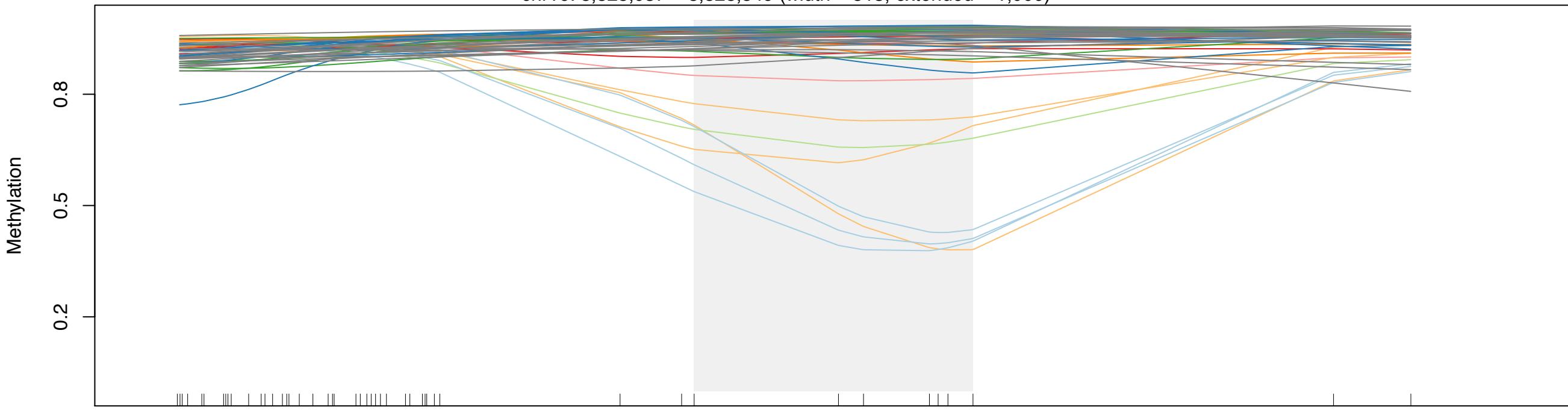
chr16: 4,131,030 – 4,131,759 (width = 730, extended = 1,000)



genes

exons

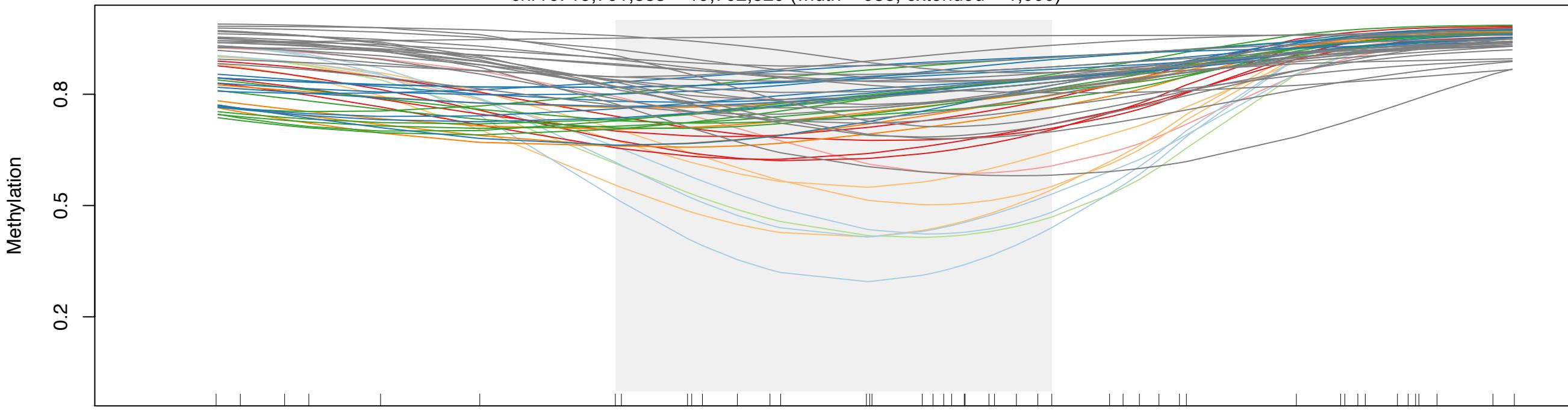
chr16: 8,828,037 – 8,828,549 (width = 513, extended = 1,000)



genes

exons

chr16: 19,701,883 – 19,702,820 (width = 938, extended = 1,000)

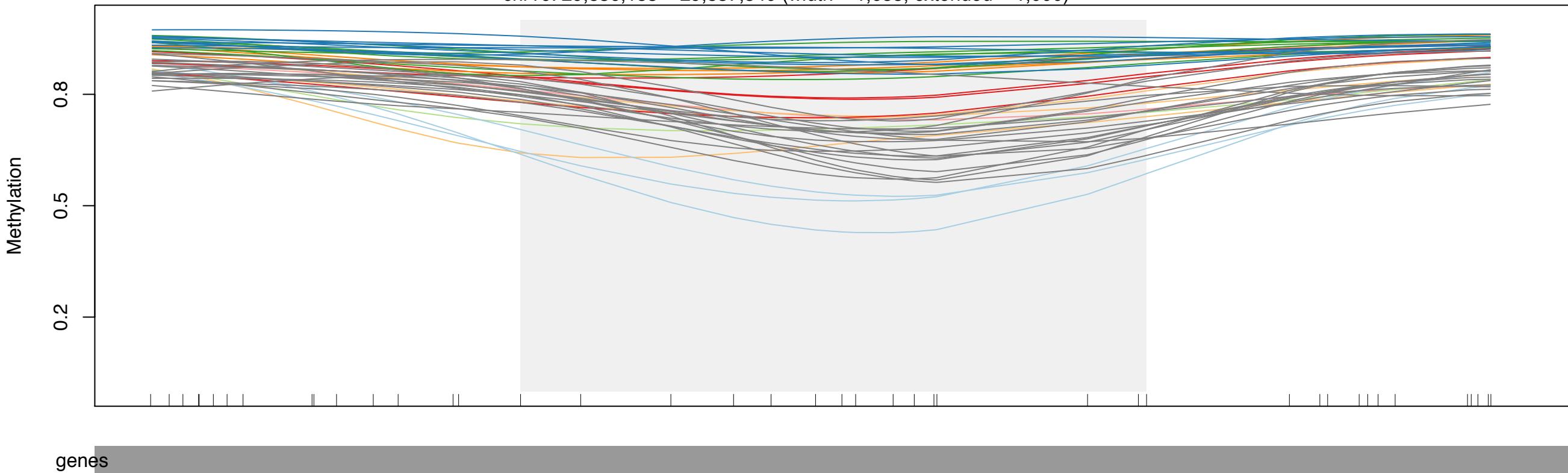


genes

exons



chr16: 29,836,153 – 29,837,840 (width = 1,688, extended = 1,000)

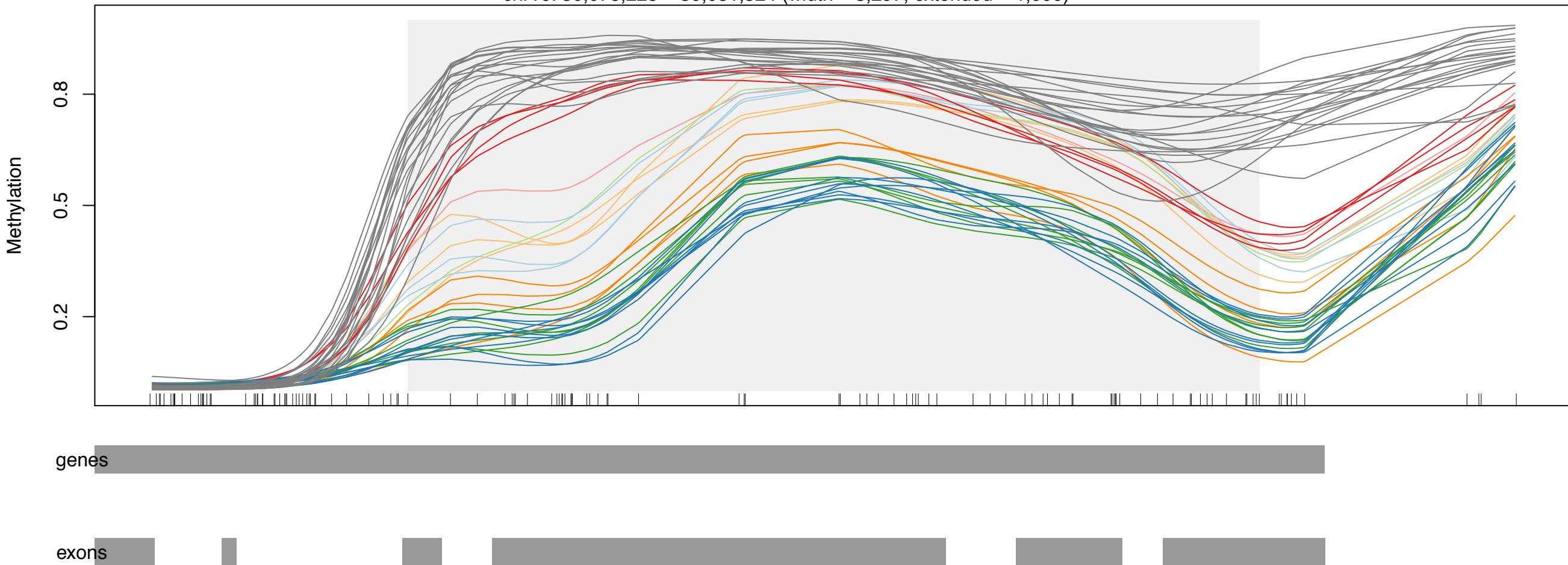


genes

exons

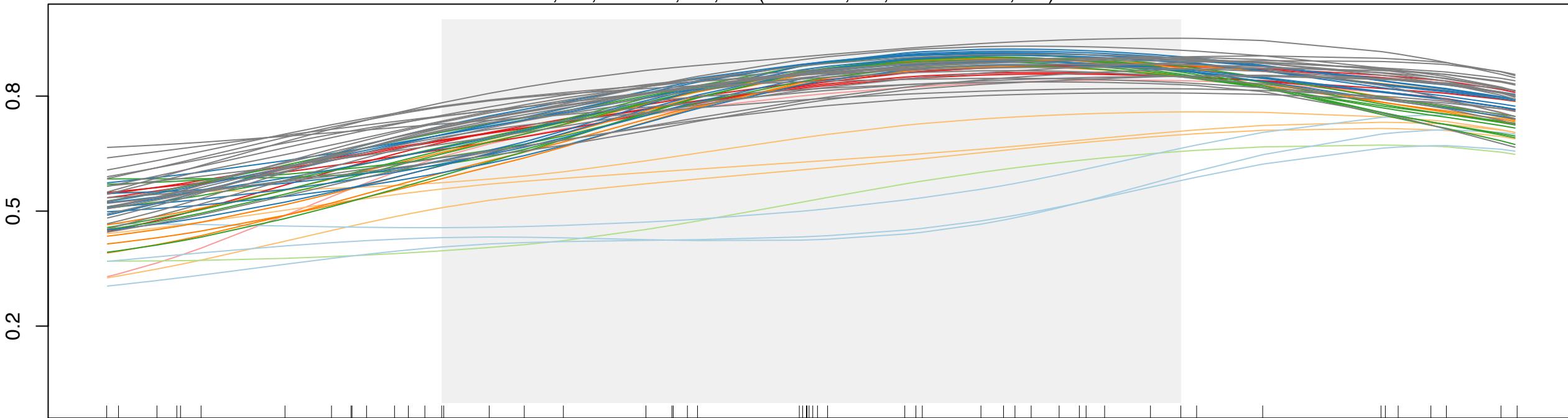


chr16: 30,078,228 – 30,081,524 (width = 3,297, extended = 1,000)



chr16: 56,335,909 – 56,338,102 (width = 2,194, extended = 1,000)

Methylation

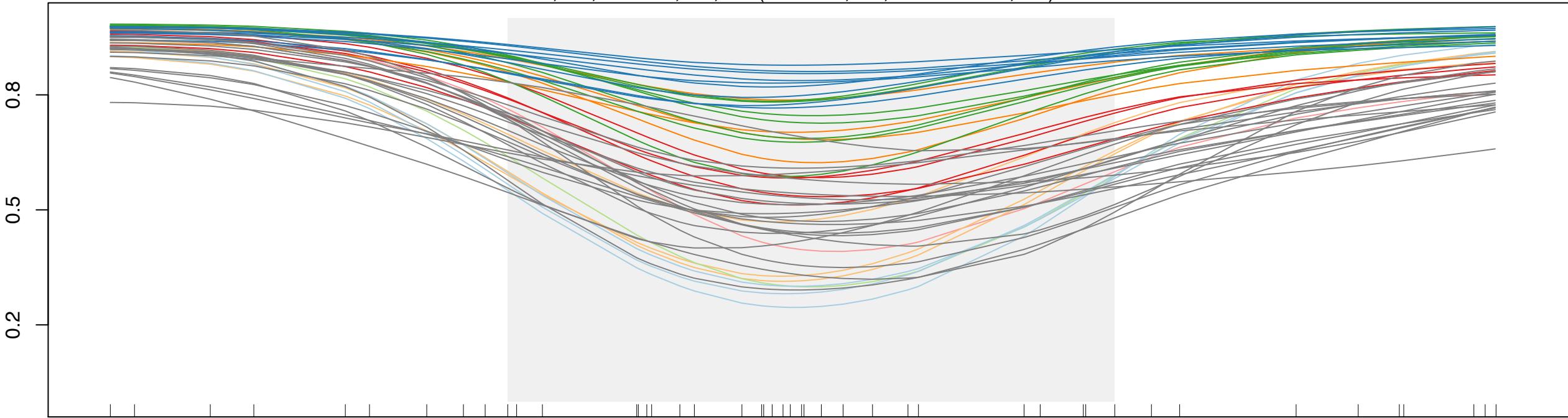


genes

exons

chr16: 57,079,097 – 57,080,603 (width = 1,507, extended = 1,000)

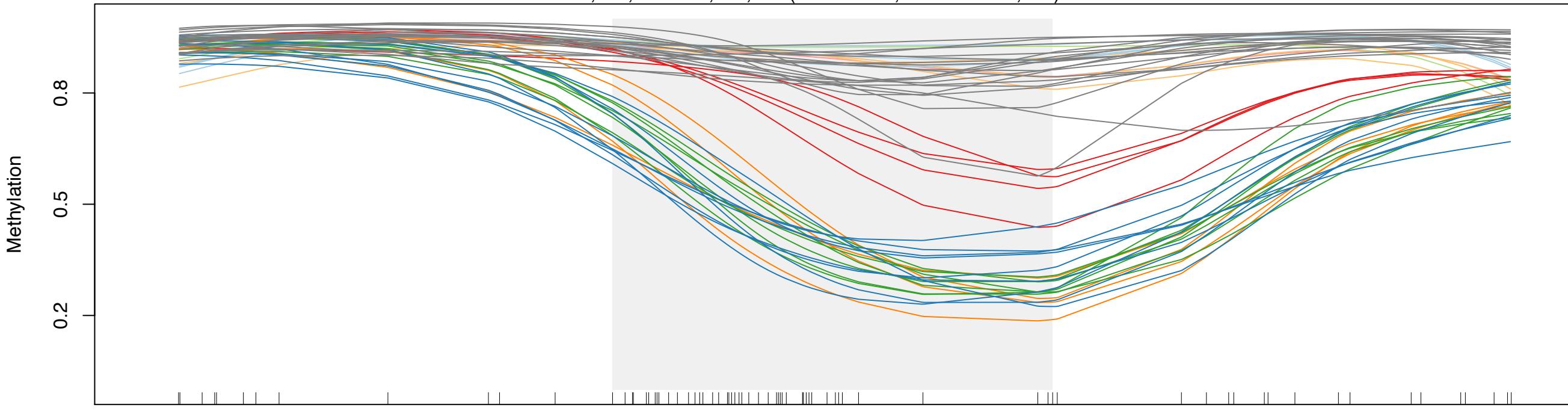
Methylation



genes

exons

chr16: 81,711,838 – 81,712,788 (width = 951, extended = 1,000)

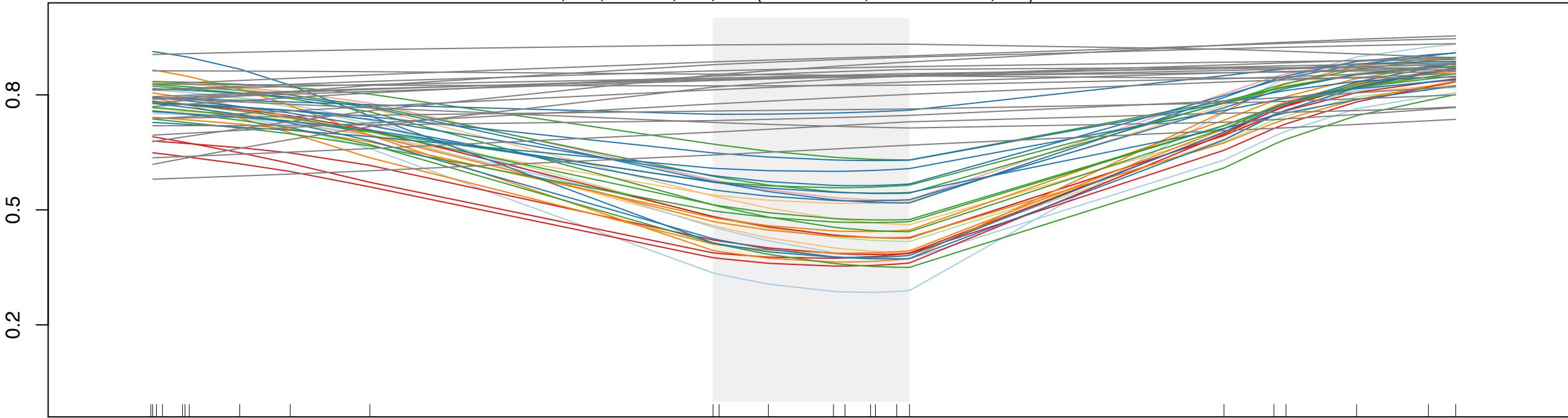


genes

exons

chr17: 1,250,923 – 1,251,246 (width = 324, extended = 1,000)

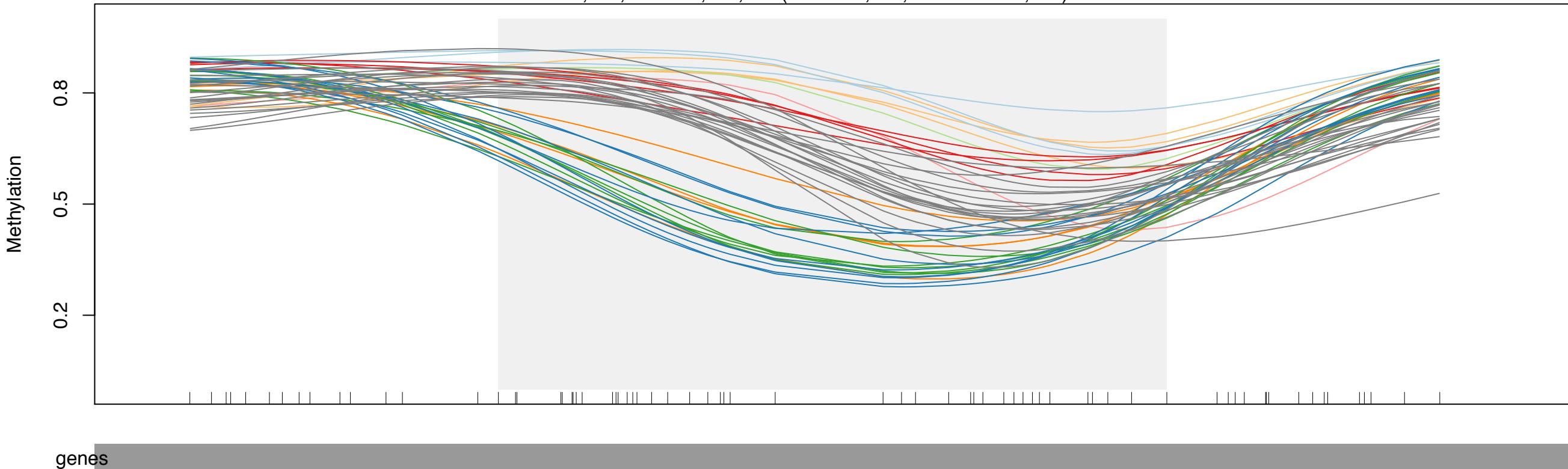
Methylation



genes

exons

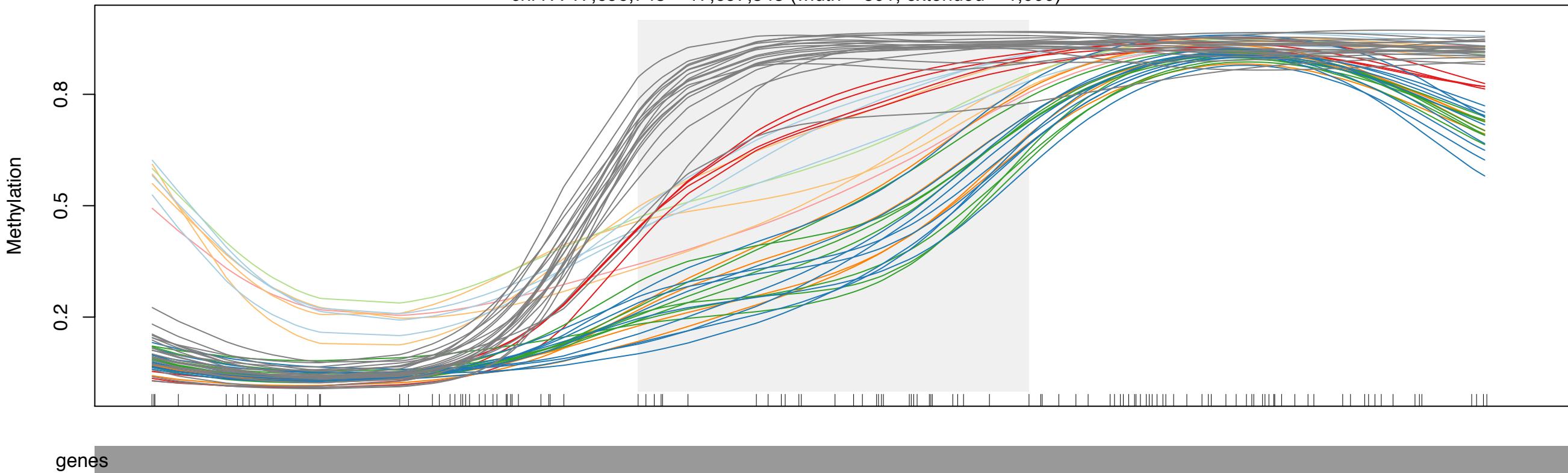
chr17: 17,613,052 – 17,614,967 (width = 1,916, extended = 1,000)



genes

exons

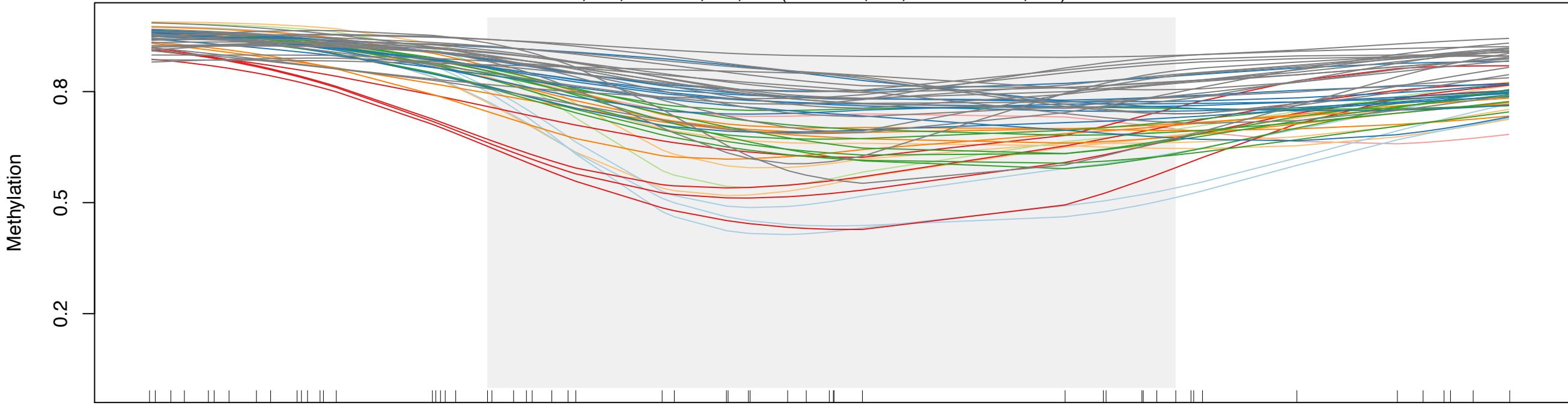
chr17: 17,696,745 – 17,697,545 (width = 801, extended = 1,000)



genes

exons

chr17: 70,693,180 – 70,695,214 (width = 2,035, extended = 1,000)

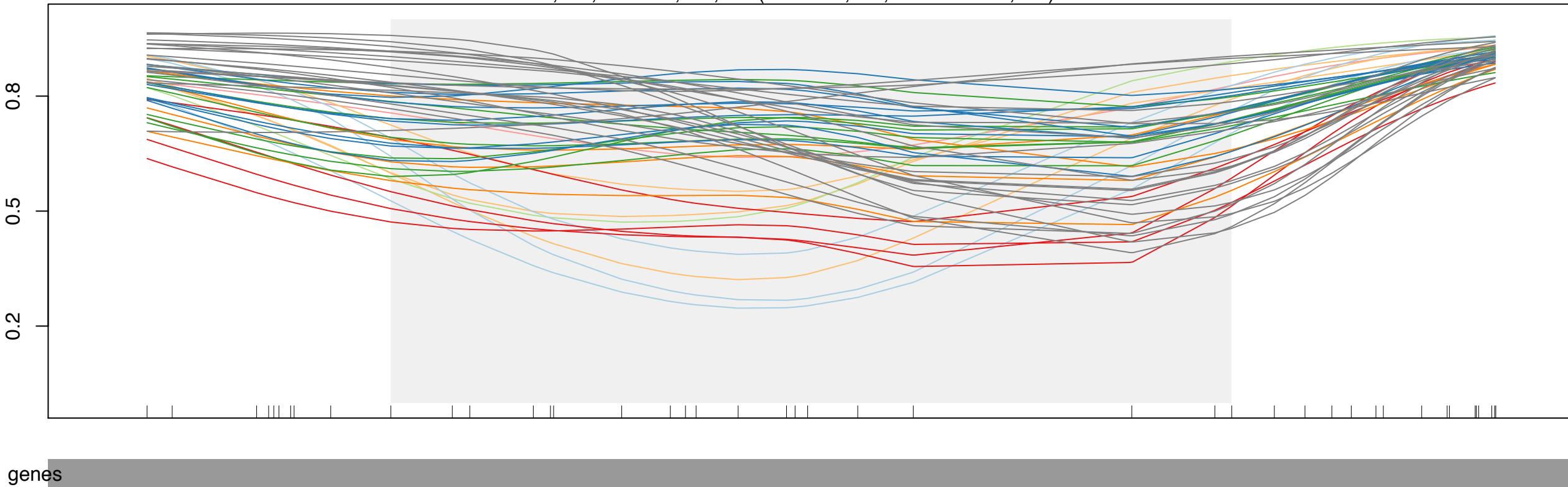


genes

exons

chr17: 71,039,146 – 71,042,085 (width = 2,940, extended = 1,000)

Methylation

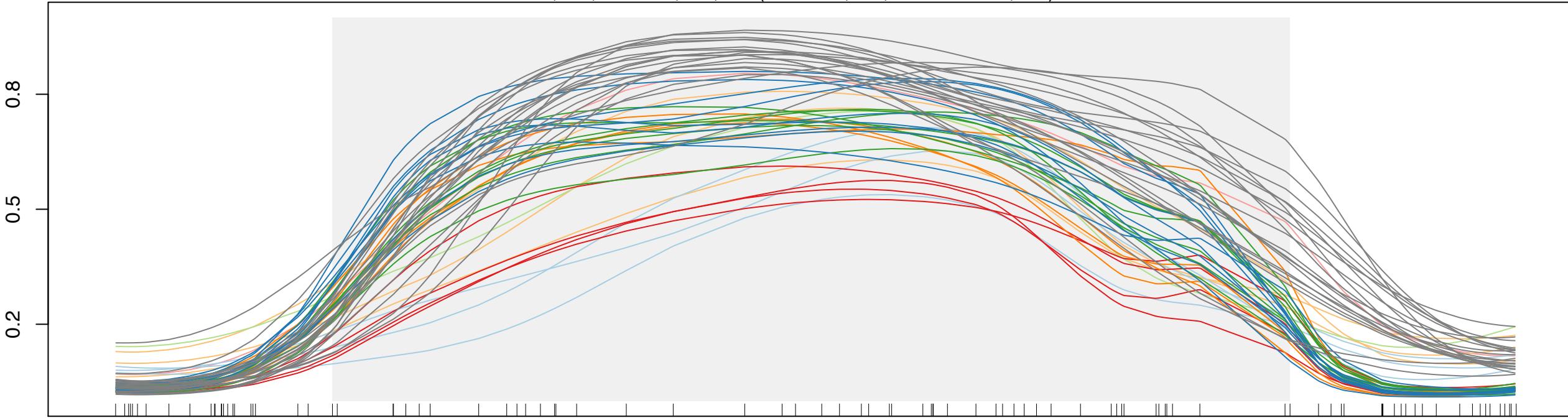


genes

exons

chr17: 76,714,235 – 76,718,439 (width = 4,205, extended = 1,000)

Methylation

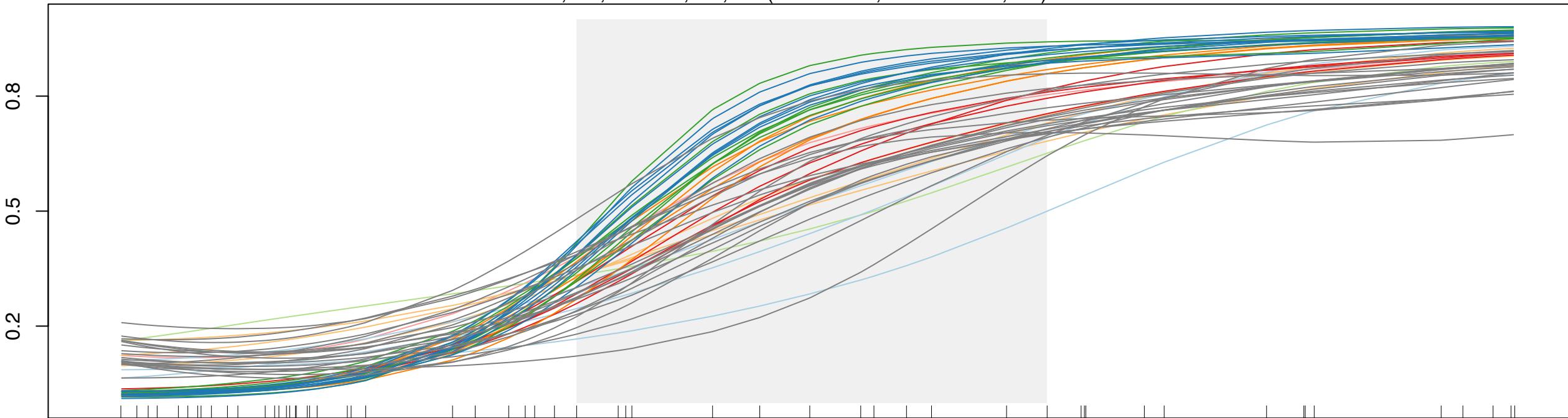


genes

exons

chr17: 76,720,206 – 76,721,203 (width = 998, extended = 1,000)

Methylation

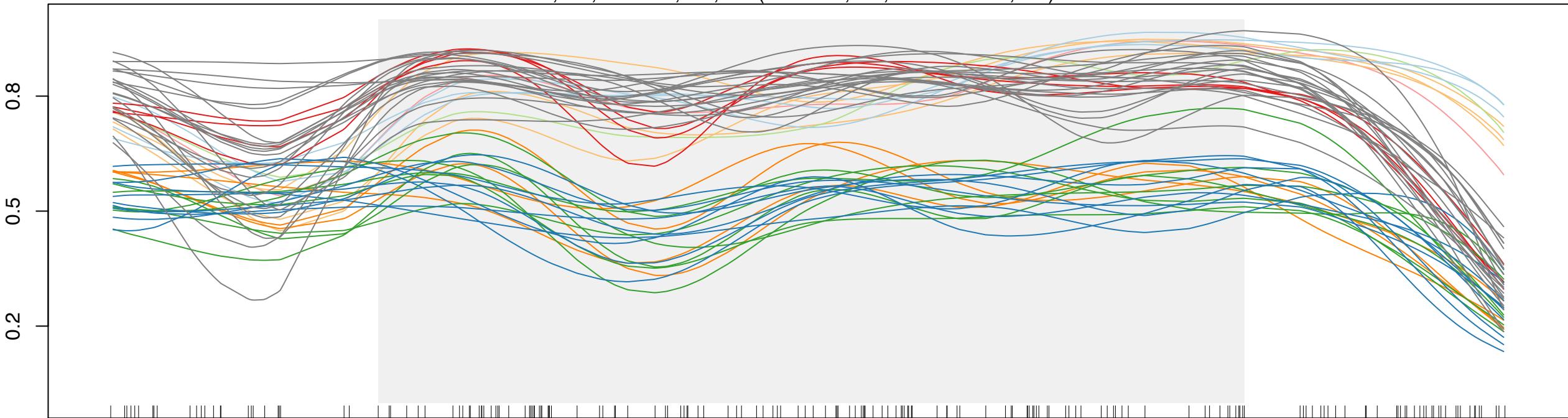


genes

exons

chr17: 79,022,321 – 79,025,487 (width = 3,167, extended = 1,000)

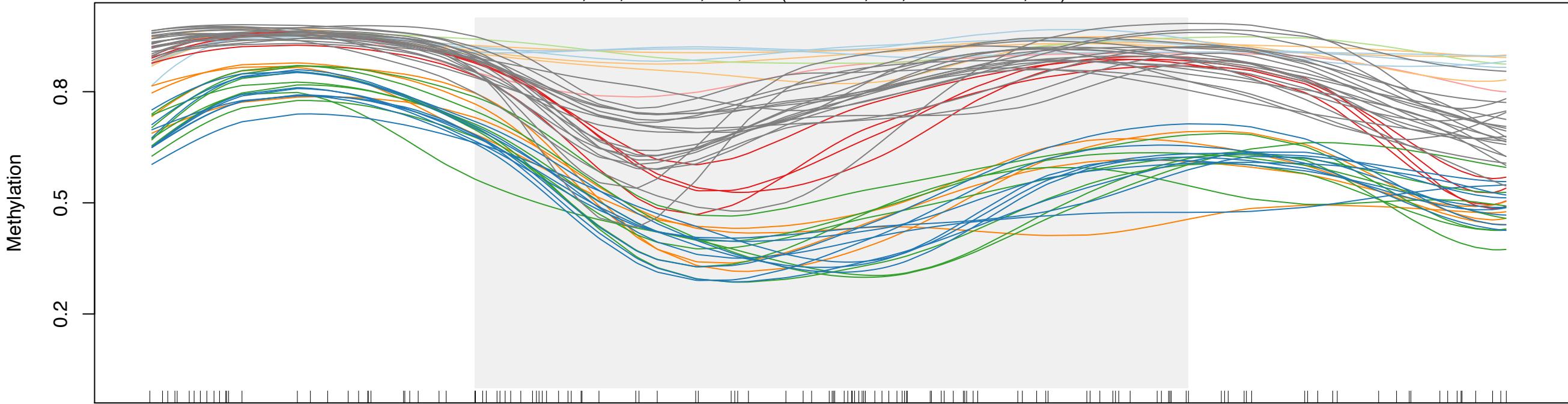
Methylation



genes

exons

chr17: 79,044,367 – 79,046,558 (width = 2,192, extended = 1,000)

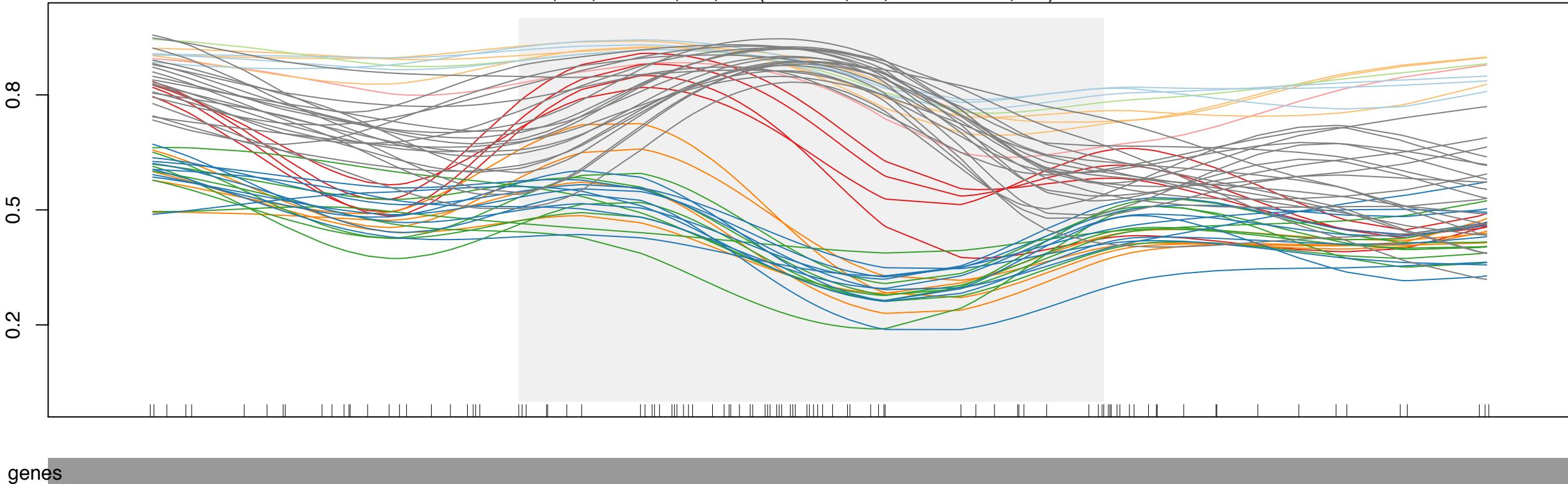


genes

exons

chr17: 79,047,805 – 79,049,218 (width = 1,414, extended = 1,000)

Methylation



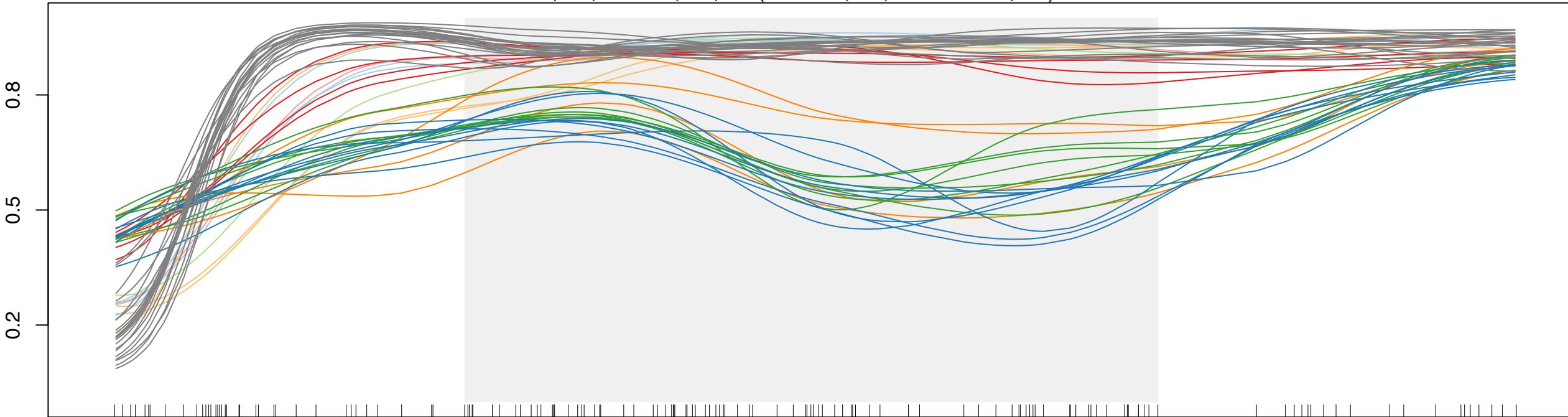
genes

exons



chr17: 79,076,794 – 79,078,720 (width = 1,927, extended = 1,000)

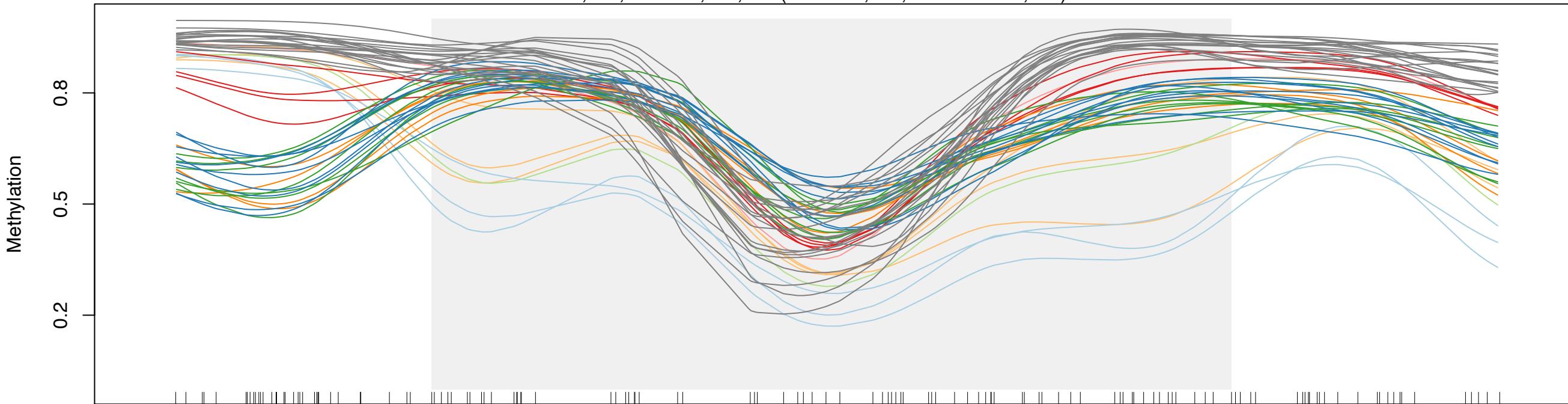
Methylation



genes

exons

chr17: 79,086,979 – 79,089,809 (width = 2,831, extended = 1,000)

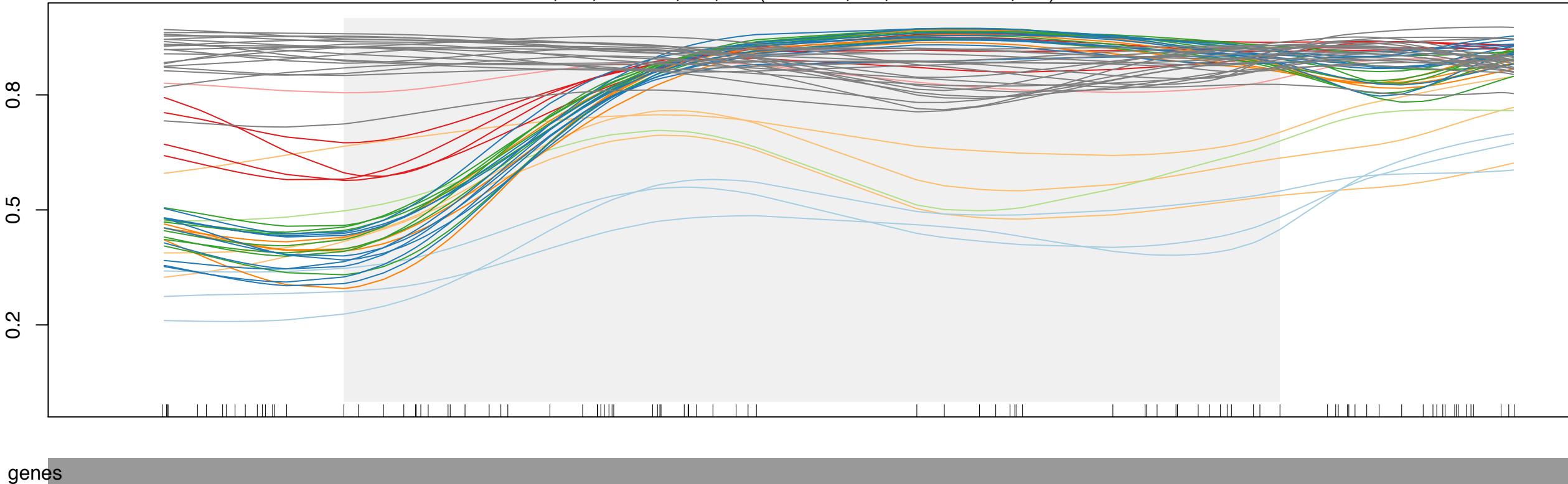


genes

exons

chr18: 13,615,492 – 13,619,408 (width = 3,917, extended = 1,000)

Methylation

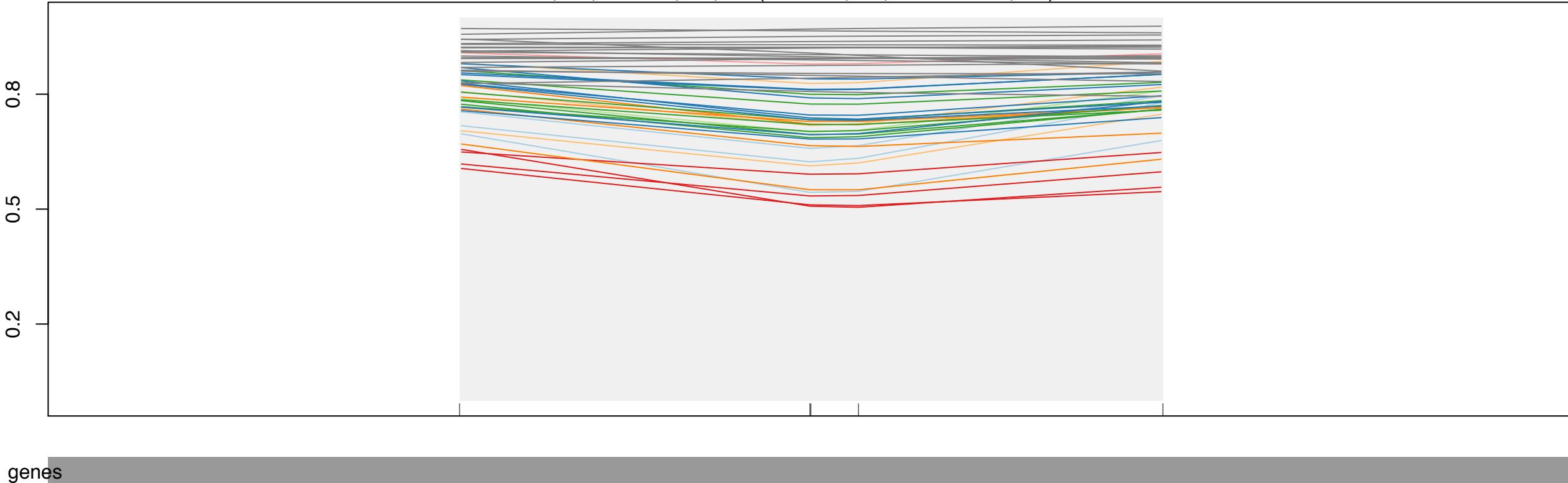


genes

exons

chr18: 53,208,087 – 53,210,069 (width = 1,983, extended = 1,000)

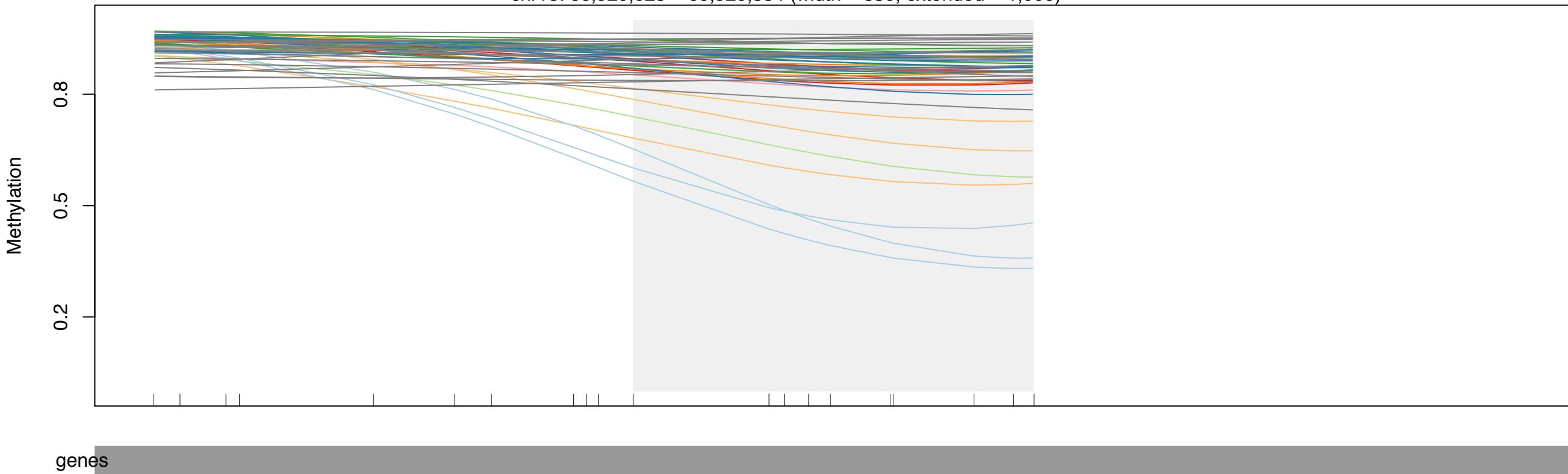
Methylation



genes

exons

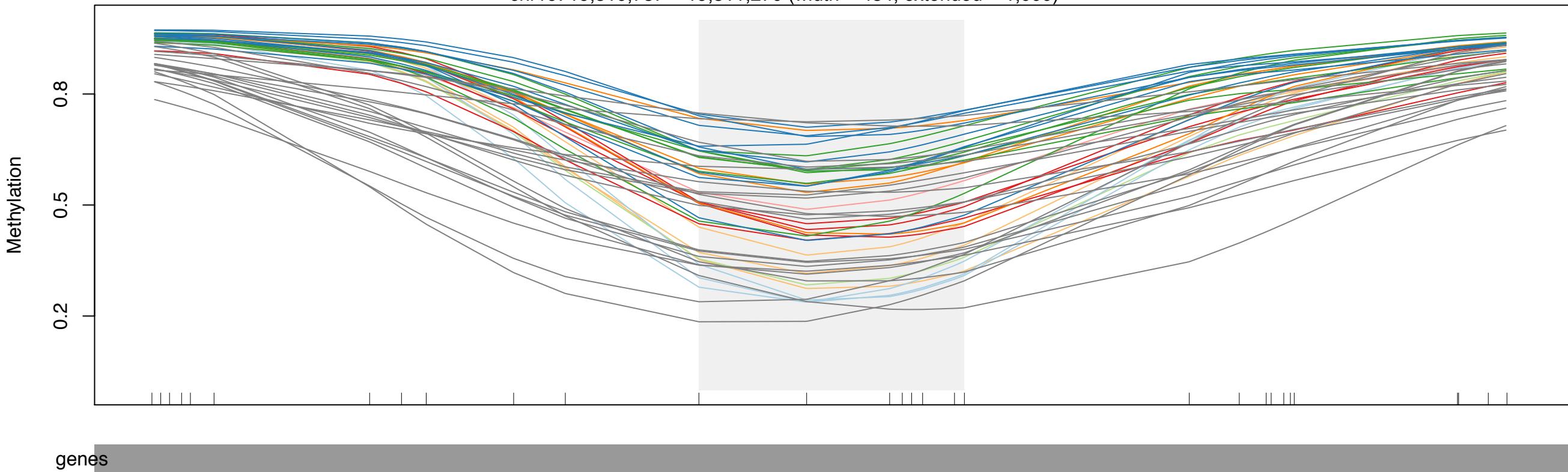
chr18: 60,920,025 – 60,920,854 (width = 830, extended = 1,000)



genes

exons

chr19: 19,510,787 – 19,511,270 (width = 484, extended = 1,000)

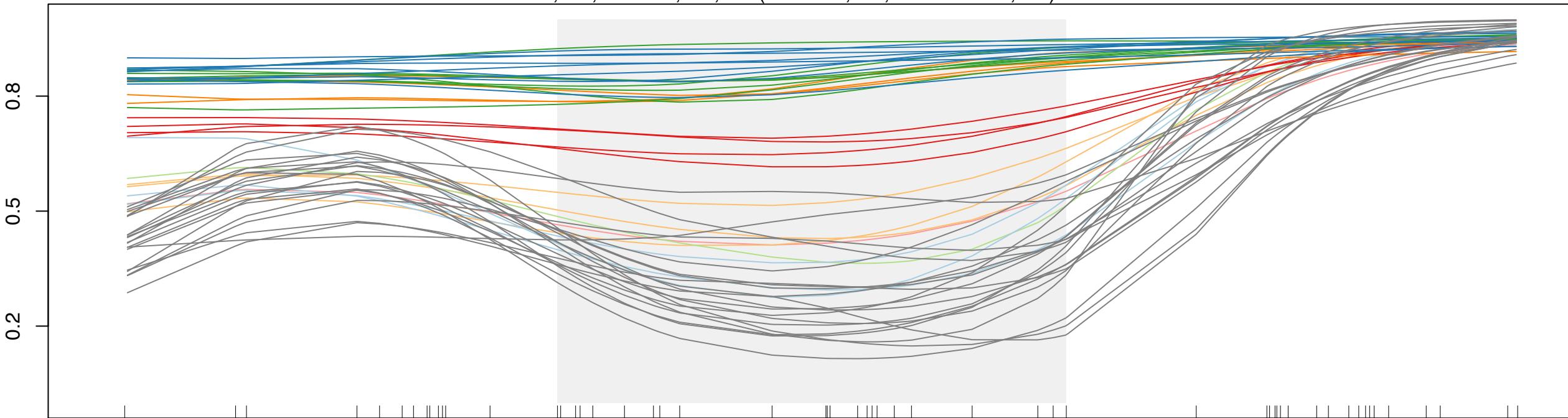


genes

exons

chr19: 19,574,606 – 19,575,730 (width = 1,125, extended = 1,000)

Methylation

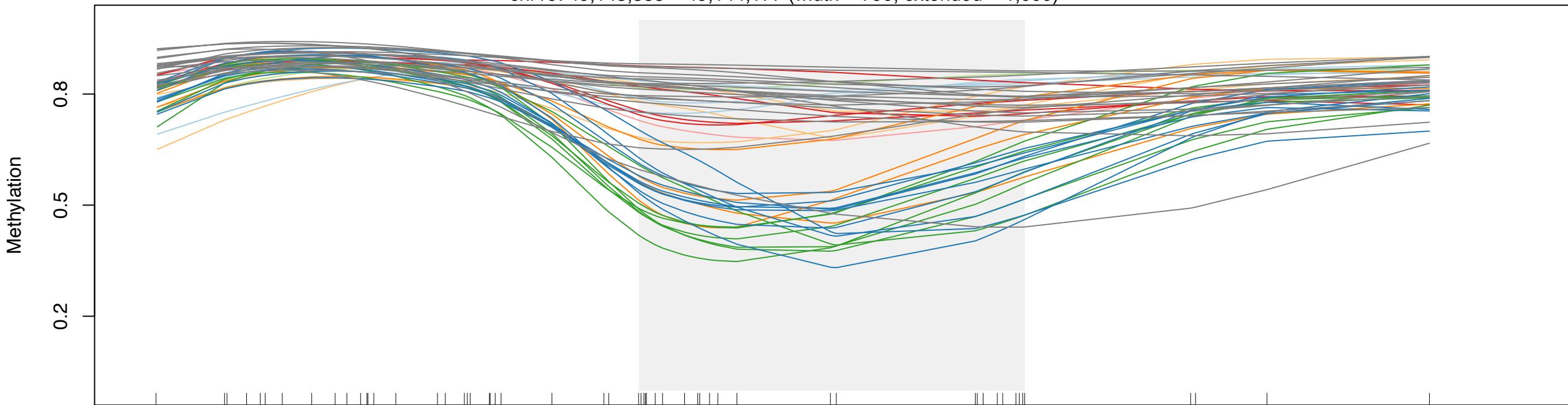


genes

exons

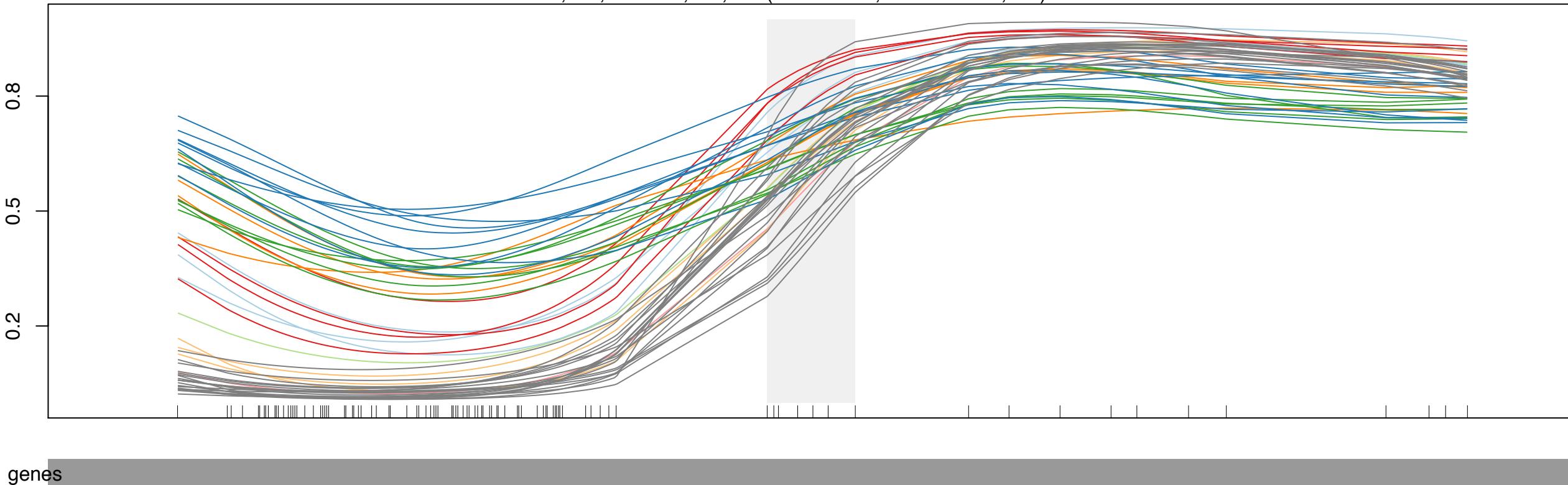


chr19: 49,143,388 – 49,144,177 (width = 790, extended = 1,000)



chr20: 44,880,515 – 44,880,648 (width = 134, extended = 1,000)

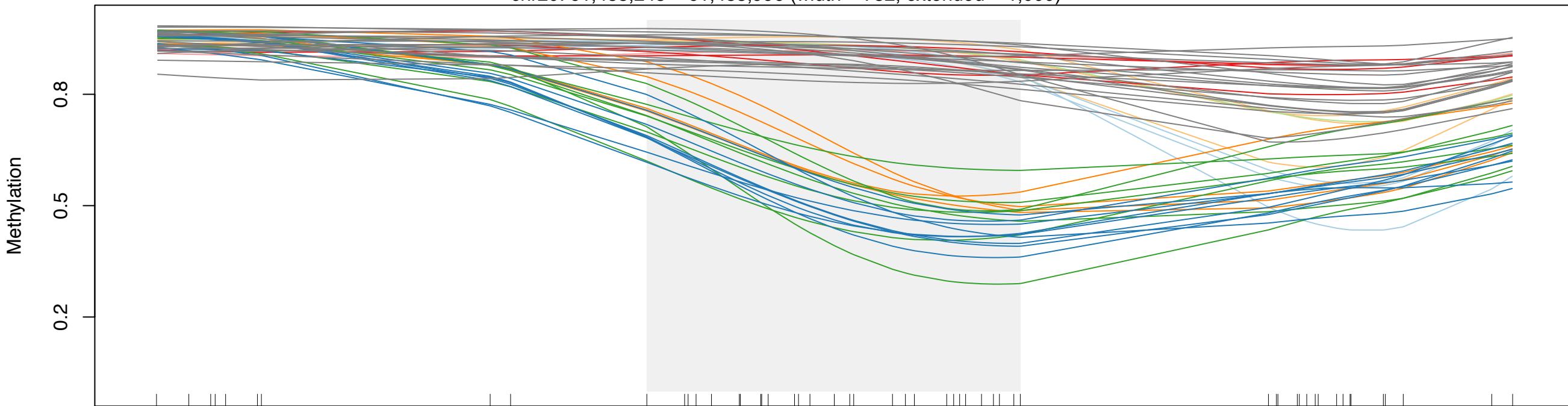
Methylation



genes

exons

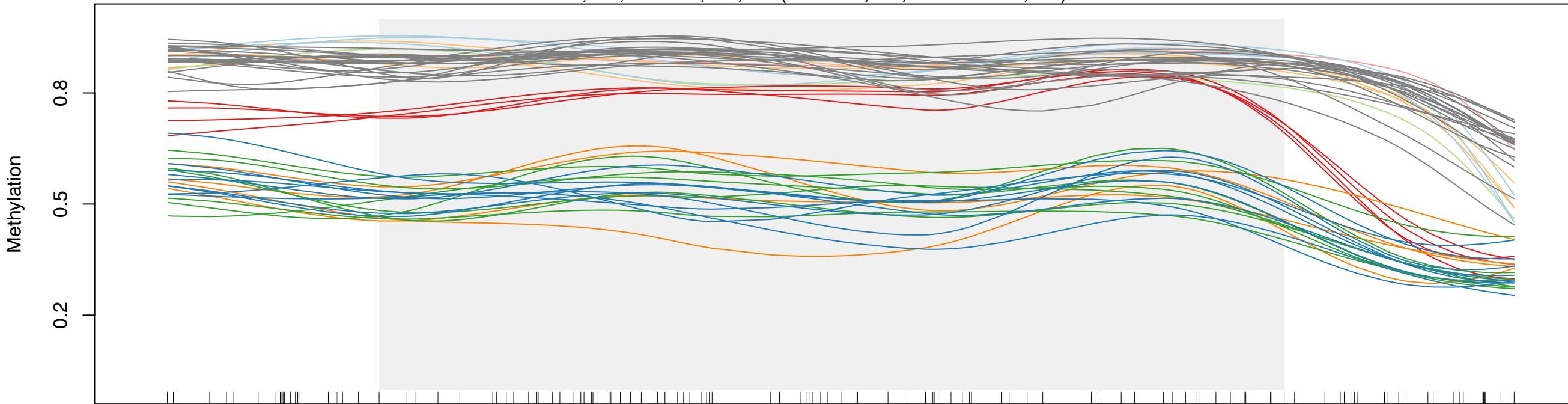
chr20: 61,488,245 – 61,488,996 (width = 752, extended = 1,000)



genes

exons

chr22: 20,247,150 – 20,251,086 (width = 3,937, extended = 1,000)

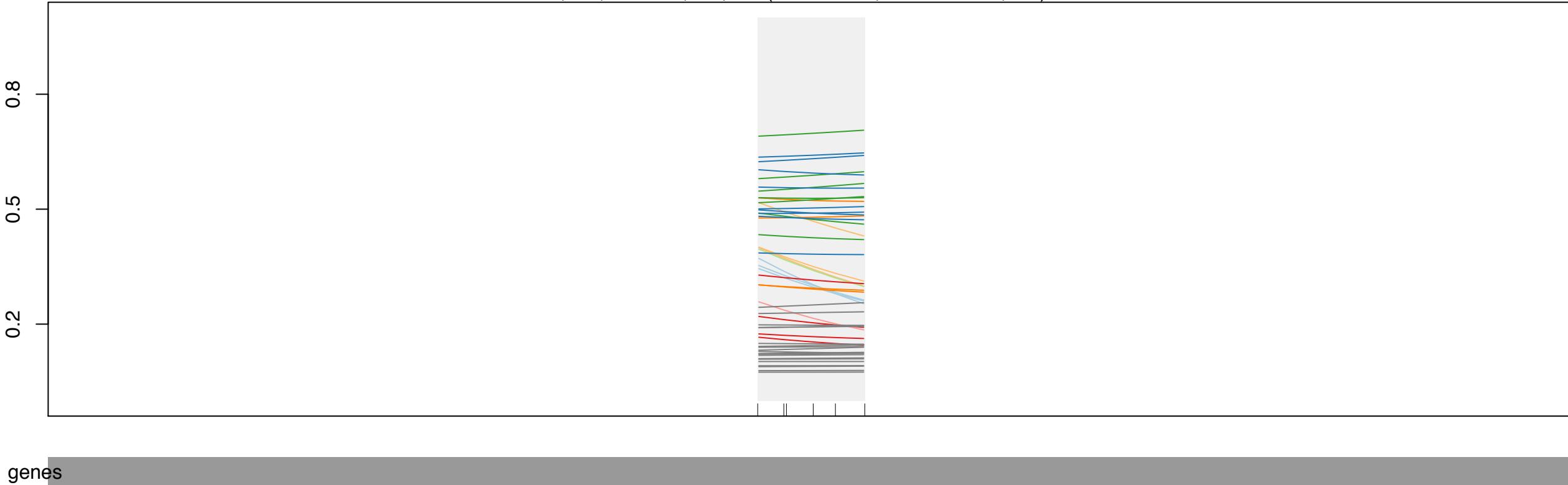


genes

exons

chr22: 21,774,550 – 21,774,714 (width = 165, extended = 1,000)

Methylation

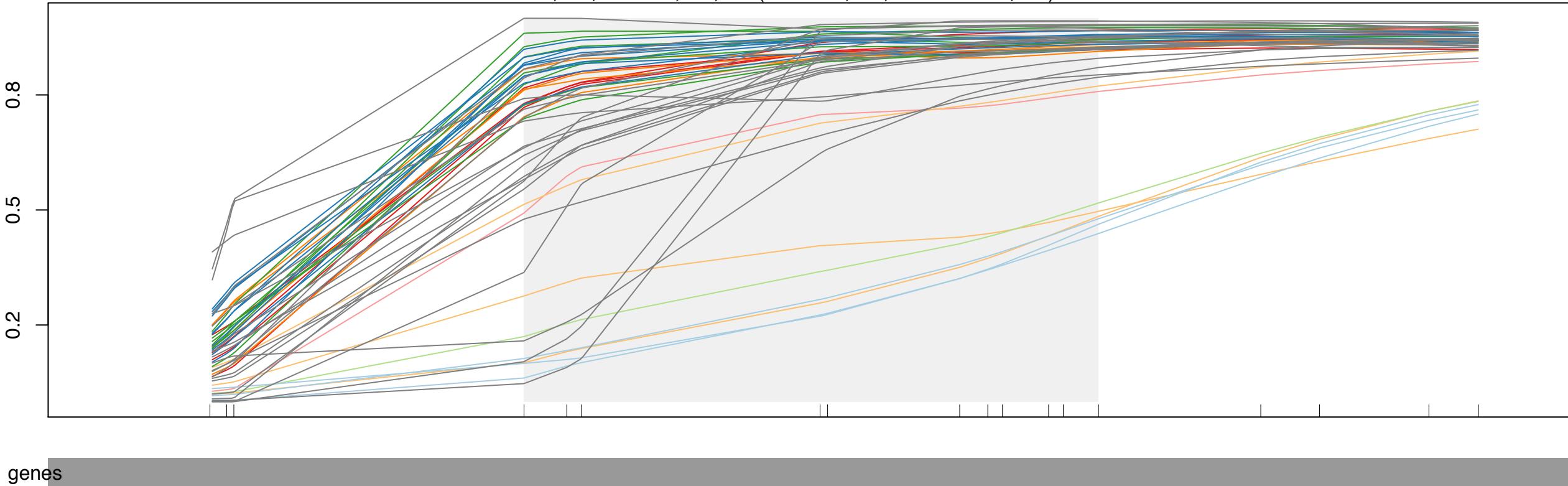


genes

exons

chr22: 32,872,820 – 32,874,190 (width = 1,371, extended = 1,000)

Methylation

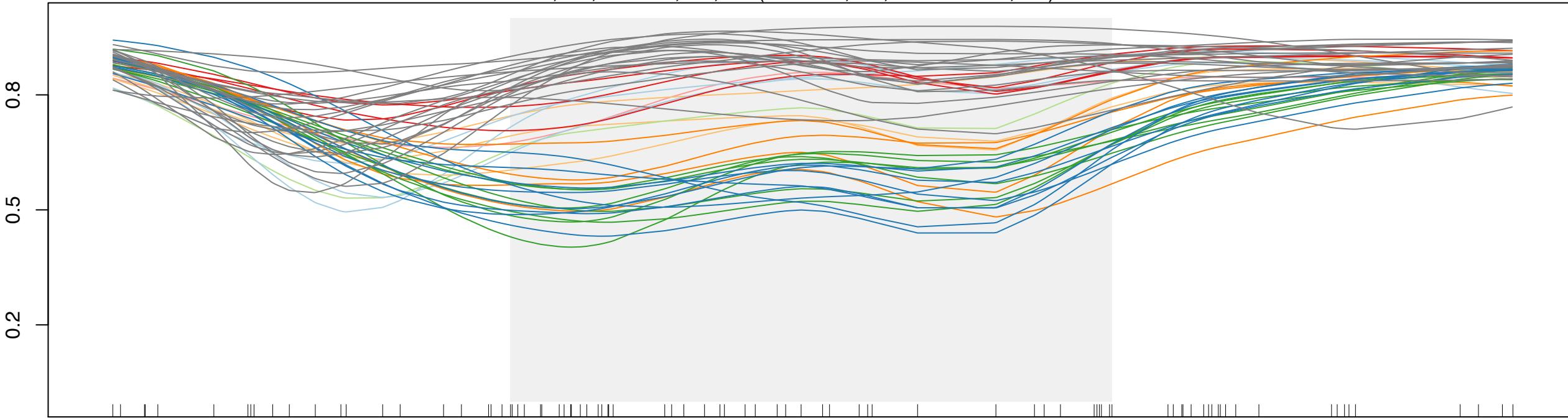


genes

exons

chr22: 36,719,991 – 36,721,473 (width = 1,483, extended = 1,000)

Methylation



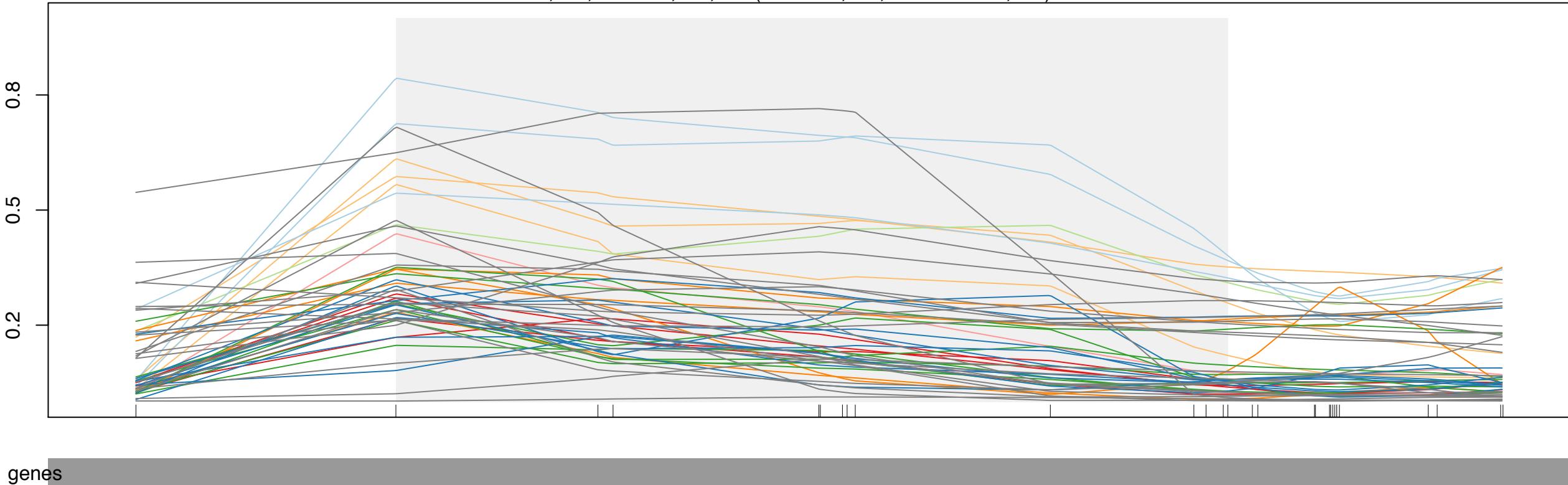
genes

exons



chrX: 25,026,418 – 25,029,276 (width = 2,859, extended = 1,000)

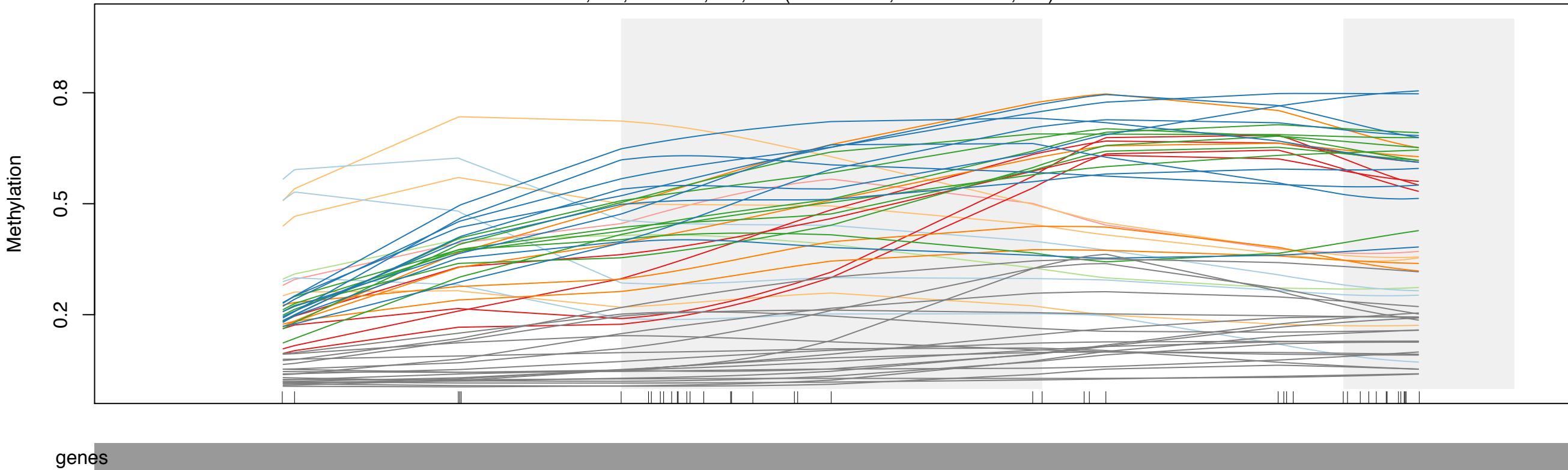
Methylation



genes

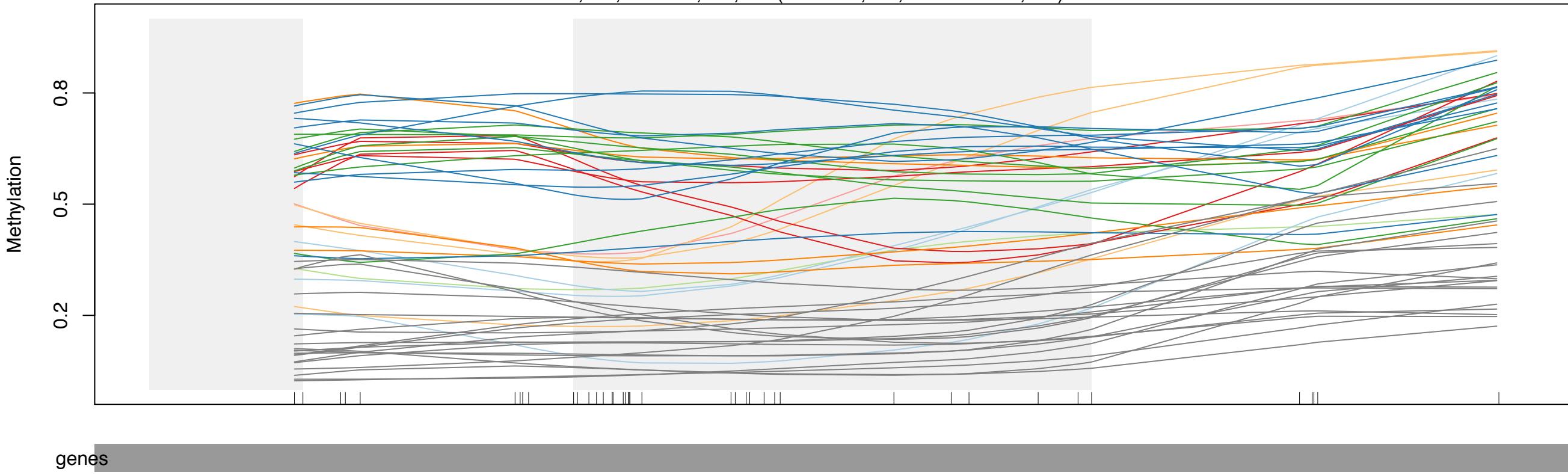
exons

chrX: 39,944,288 – 39,945,180 (width = 893, extended = 1,000)



exons

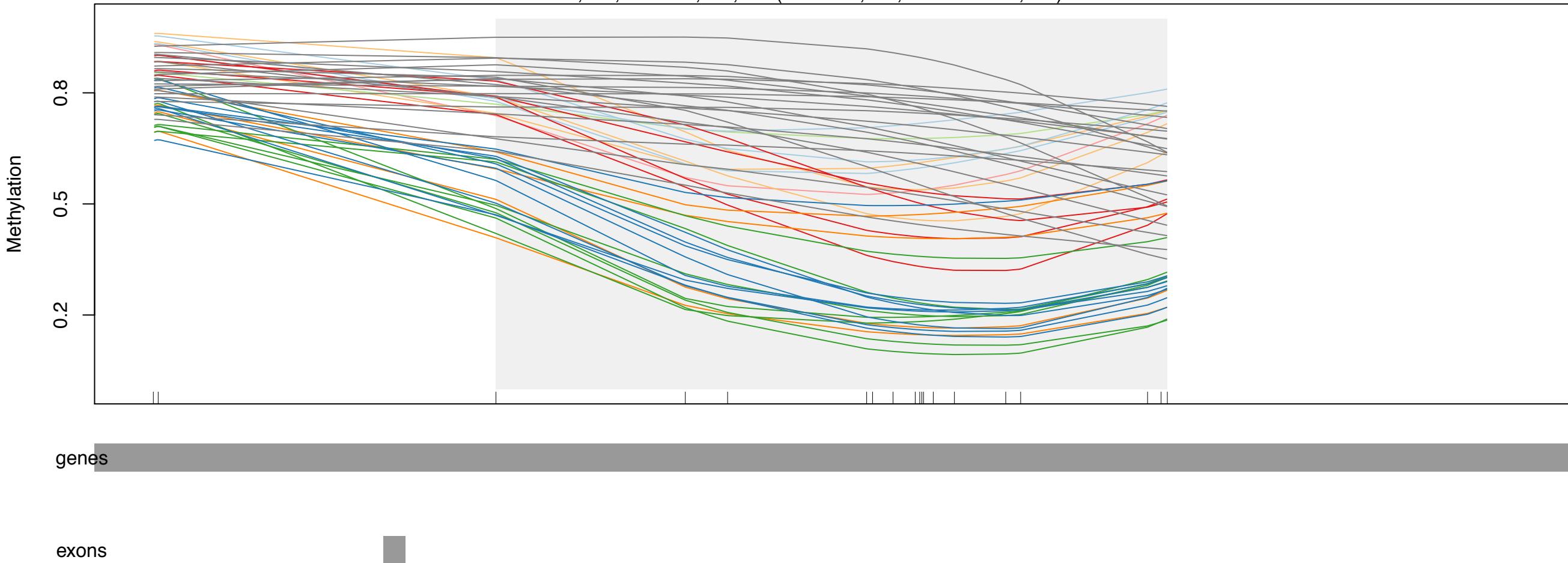
chrX: 39,945,818 – 39,947,039 (width = 1,222, extended = 1,000)



genes

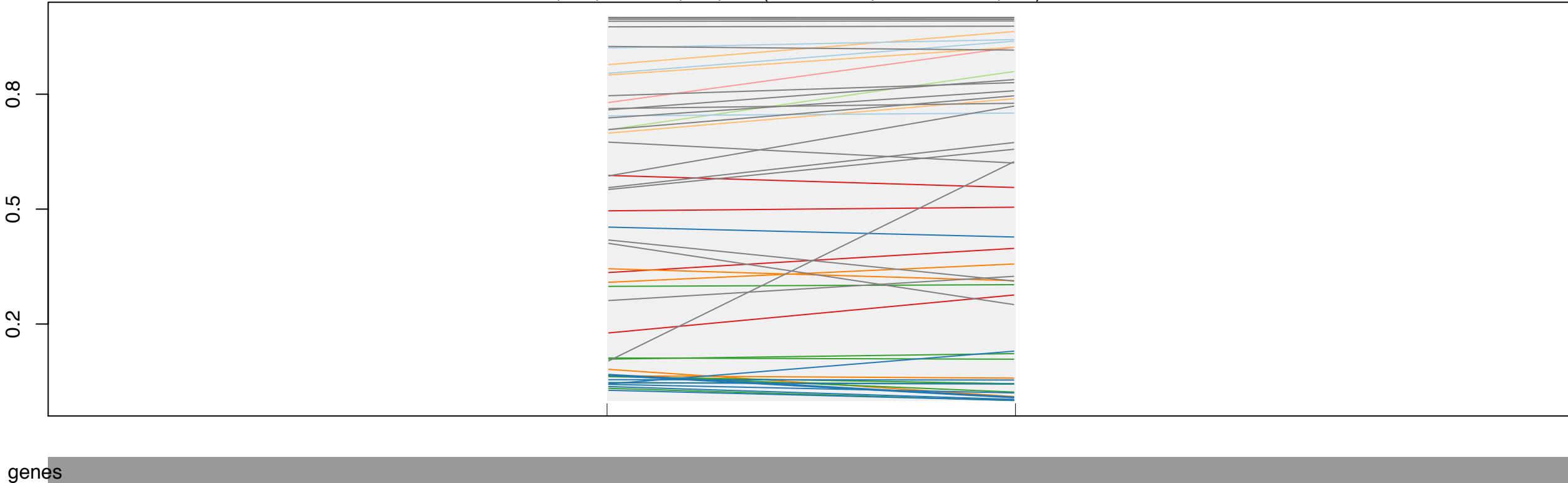
exons

chrX: 47,437,161 – 47,439,097 (width = 1,937, extended = 1,000)



chrX: 47,476,594 – 47,477,407 (width = 814, extended = 1,000)

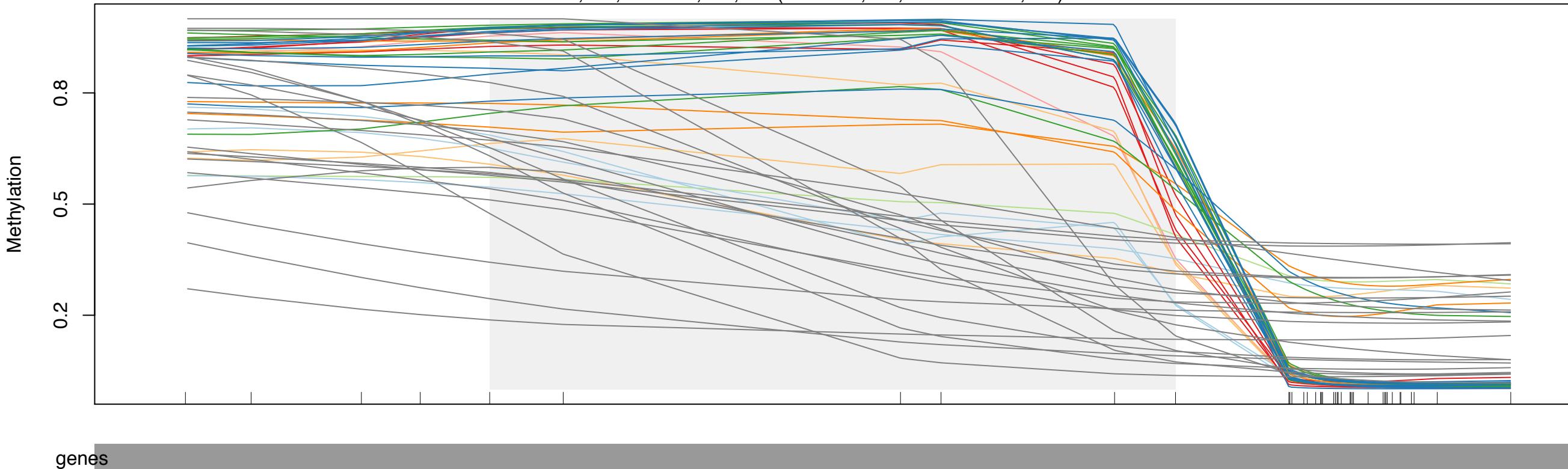
Methylation



genes

exons

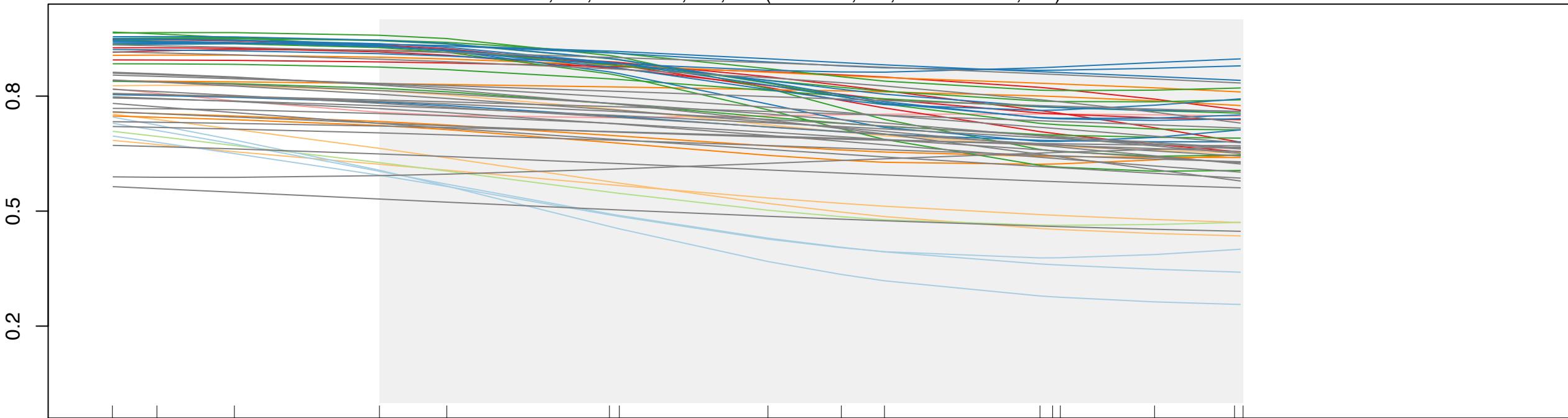
chrX: 50,553,833 – 50,555,848 (width = 2,016, extended = 1,000)



exons

chrX: 103,027,699 – 103,030,842 (width = 3,144, extended = 1,000)

Methylation

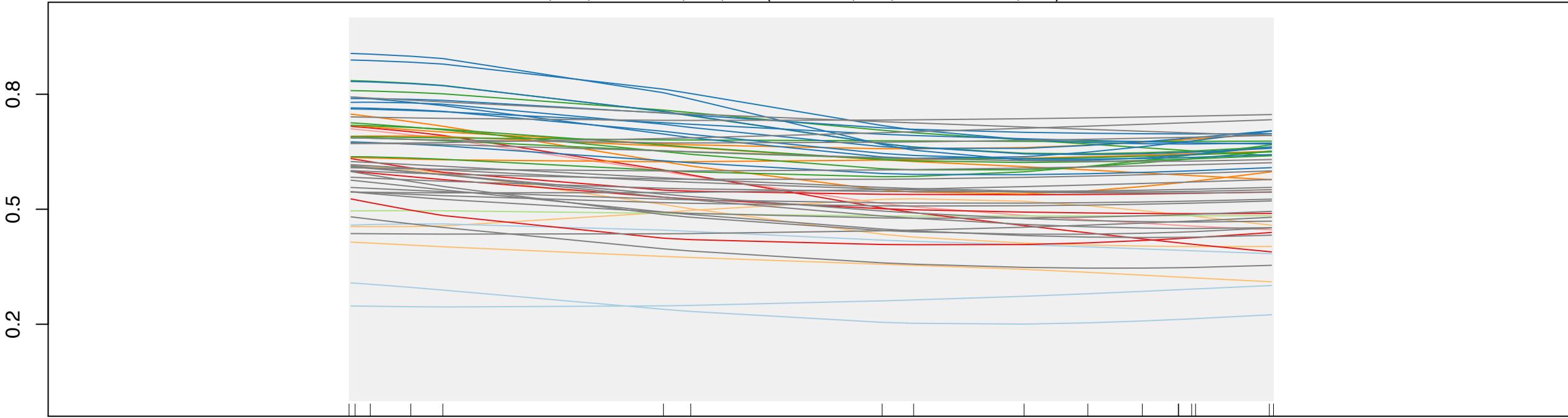


genes

exons

chrX: 103,032,004 – 103,035,788 (width = 3,785, extended = 1,000)

Methylation

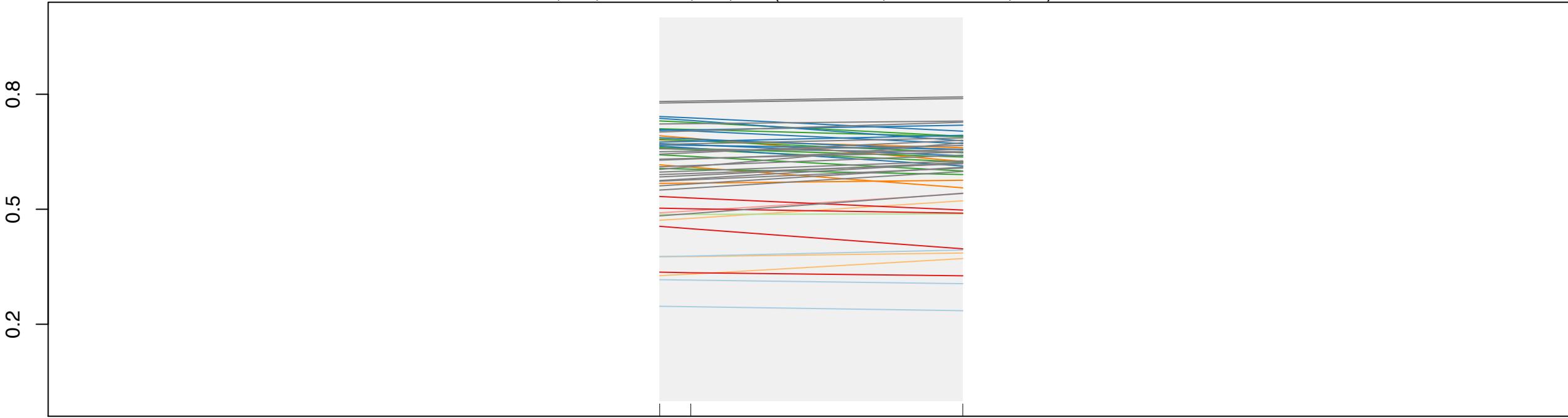


genes

exons

chrX: 103,037,678 – 103,038,224 (width = 547, extended = 1,000)

Methylation

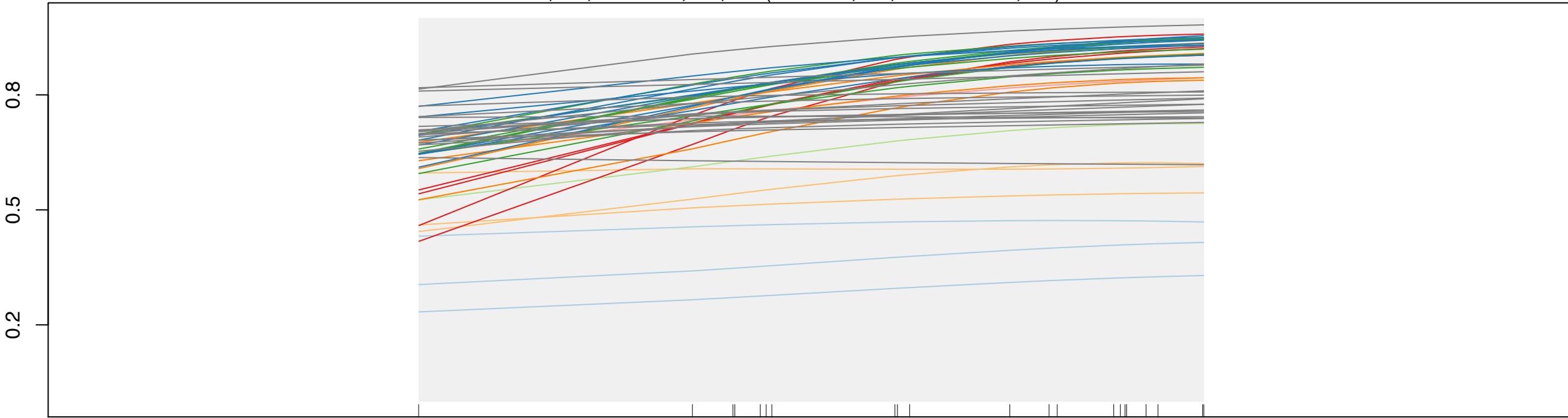


genes

exons

chrX: 103,039,294 – 103,041,795 (width = 2,502, extended = 1,000)

Methylation



genes

exons

chrX: 103,042,909 – 103,042,909 (width = 1, extended = 1,000)

Methylation

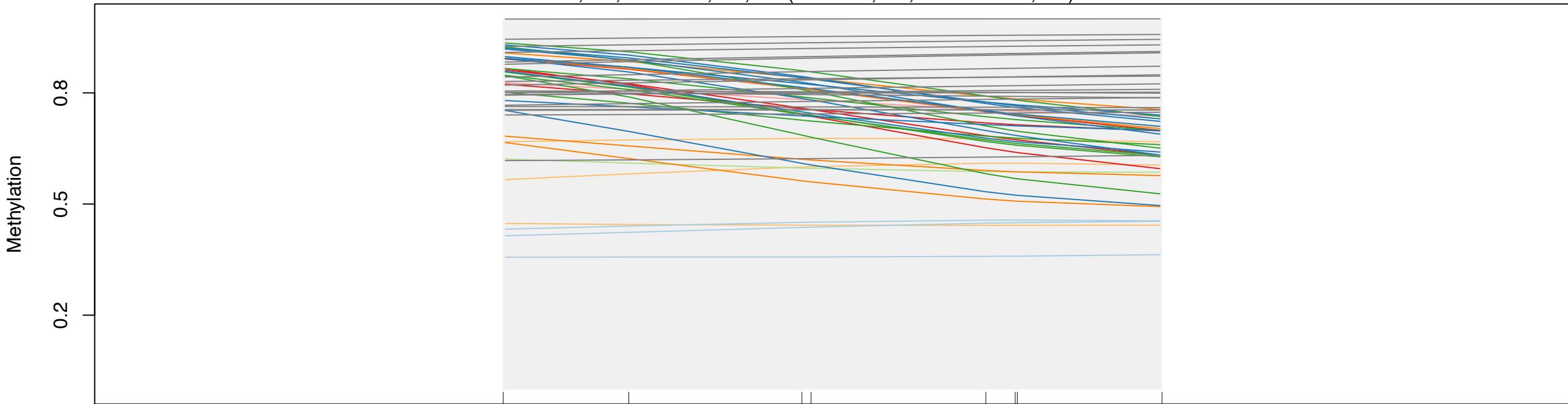
0.8
0.5
0.2

genes

exons



chrX: 103,044,688 – 103,046,550 (width = 1,863, extended = 1,000)



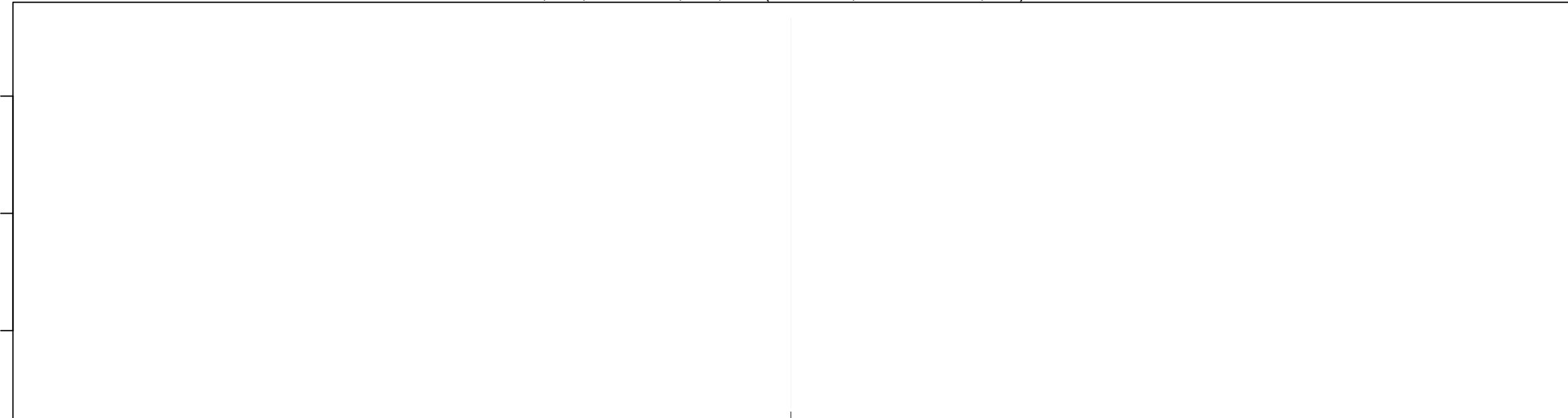
genes

exons

chrX: 123,511,685 – 123,511,685 (width = 1, extended = 1,000)

Methylation

0.8
0.5
0.2

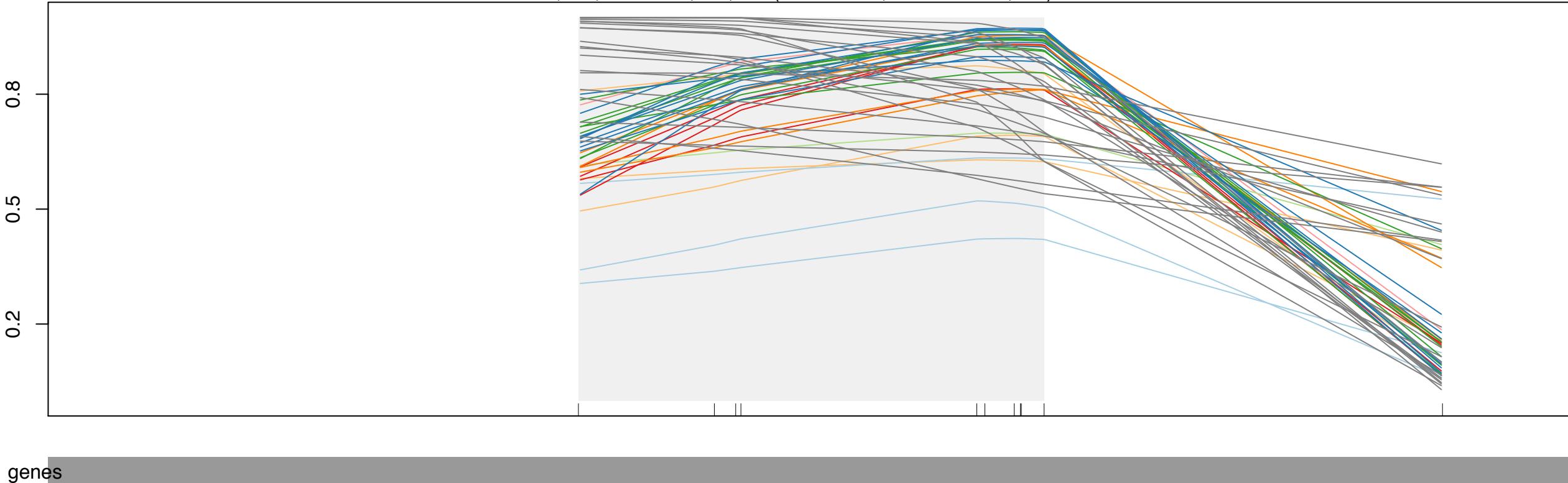


genes

exons

chrX: 128,974,904 – 128,975,887 (width = 984, extended = 1,000)

Methylation

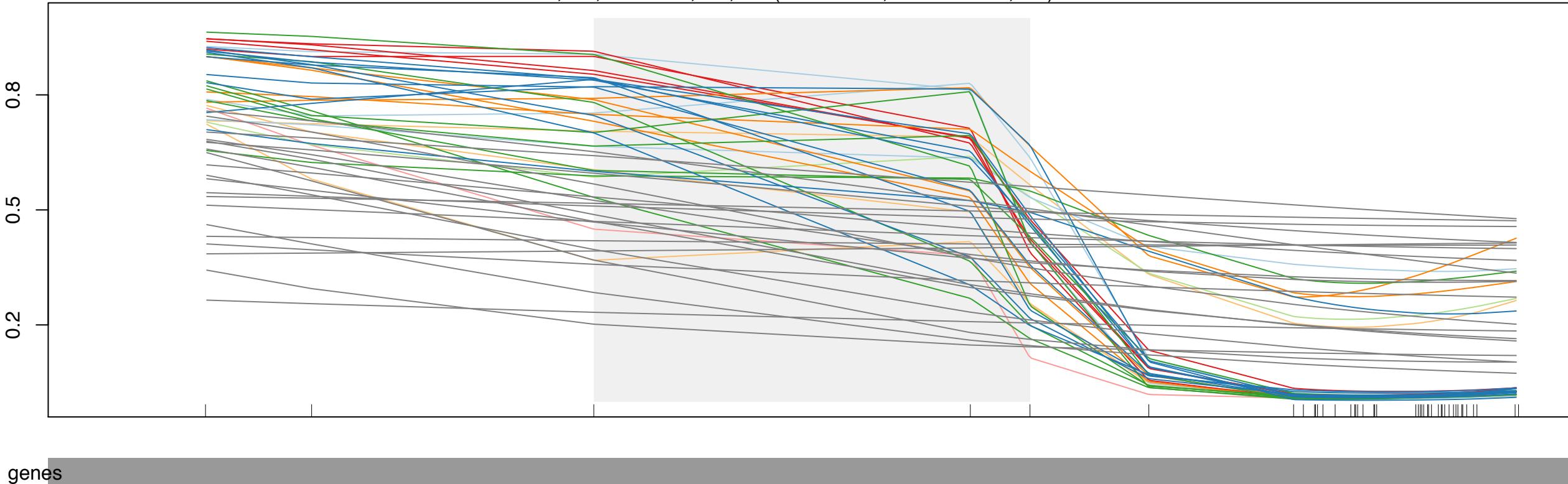


genes

exons

chrX: 135,848,005 – 135,848,897 (width = 893, extended = 1,000)

Methylation

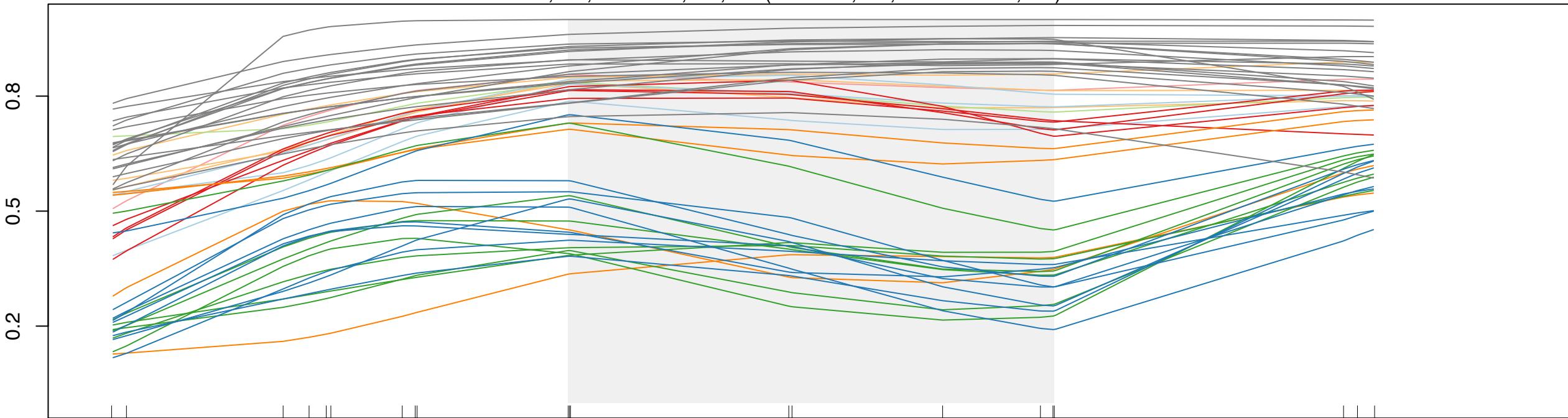


genes

exons

chrX: 153,668,273 – 153,669,322 (width = 1,050, extended = 1,000)

Methylation



genes

exons