

Supplementary Figure Legends:

Supplementary Figure 1. Distribution of the Z-score sensing indices (*SI*) along chromosome 1 in ten tested tissues. Positive and negative indices are plotted in red and green, respectively. At the resolution shown here, some loci may appear to have both positive and negative *SI* values because two positive regions separated by negative regions may appear to be continuous in the plots.

Supplementary Figure 2. Distribution of the Z-score sensing indices along chromosome 2 in ten tested tissues.

Supplementary Figure 3. Distribution of the Z-score sensing indices along chromosome 3.

Supplementary Figure 4. Distribution of the Z-score sensing indices along chromosome 4.

Supplementary Figure 5. Distribution of the Z-score sensing indices along chromosome 5.

Supplementary Figure 6. Distribution of the Z-score sensing indices along chromosome 6.

Supplementary Figure 7. Distribution of the Z-score sensing indices along chromosome 7.

Supplementary Figure 8. Distribution of the Z-score sensing indices along chromosome 8.

Supplementary Figure 9. Distribution of the Z-score sensing indices along chromosome 9.

Supplementary Figure 10. Distribution of the Z-score sensing indices along chromosome 10.

Supplementary Figure 11. Distribution of the Z-score sensing indices along chromosome 11.

Supplementary Figure 12. Distribution of the Z-score sensing indices along chromosome 12.

Supplementary Figure 13. Distribution of the Z-score sensing indices along chromosome 13.

Supplementary Figure 14. Distribution of the Z-score sensing indices along chromosome 14.

Supplementary Figure 15. Distribution of the Z-score sensing indices along chromosome 15.

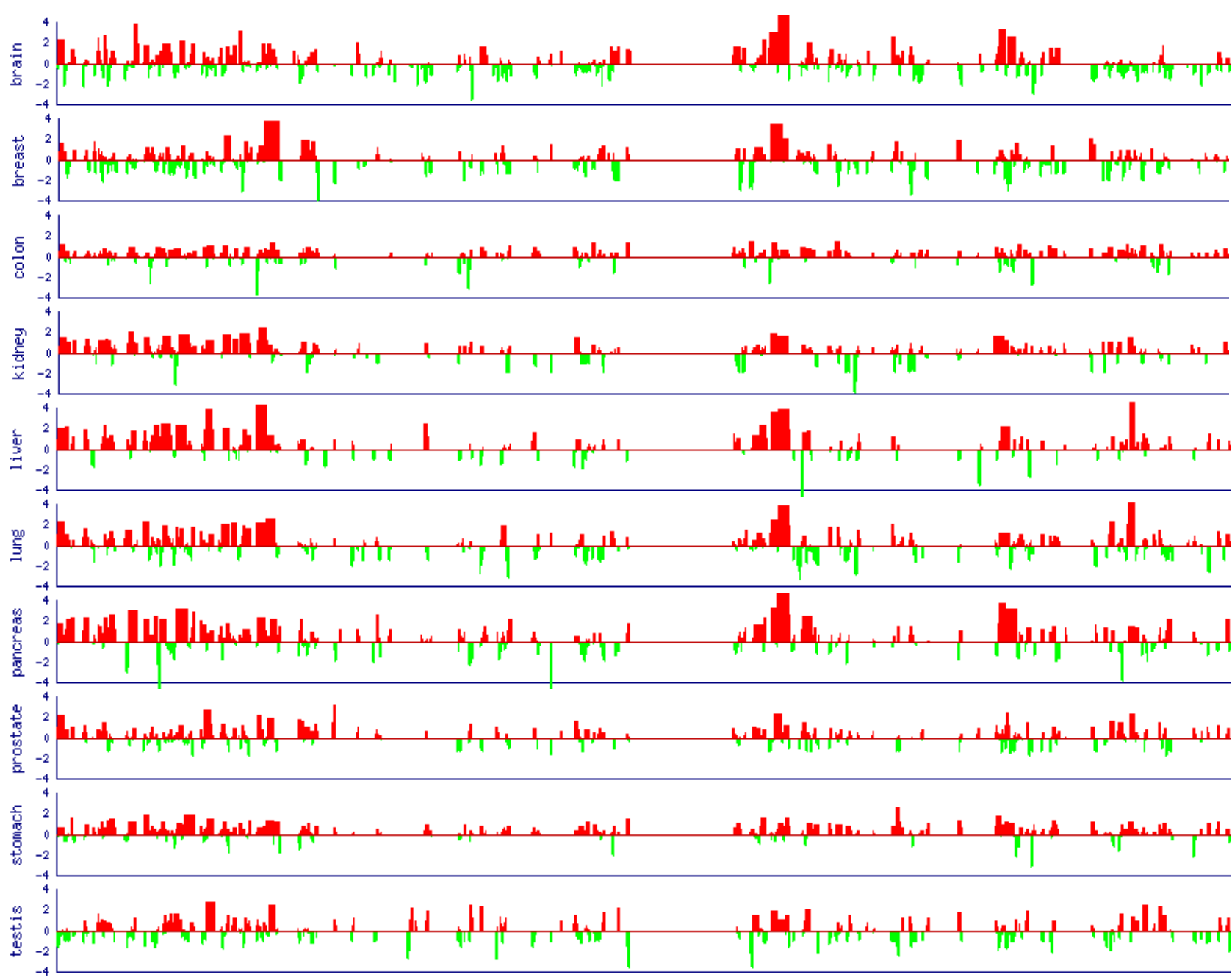
Supplementary Figure 16. Distribution of the Z-score sensing indices along chromosome 16.

Supplementary Figure 17. Distribution of the Z-score sensing indices along chromosome 17 (left) and 18 (right).

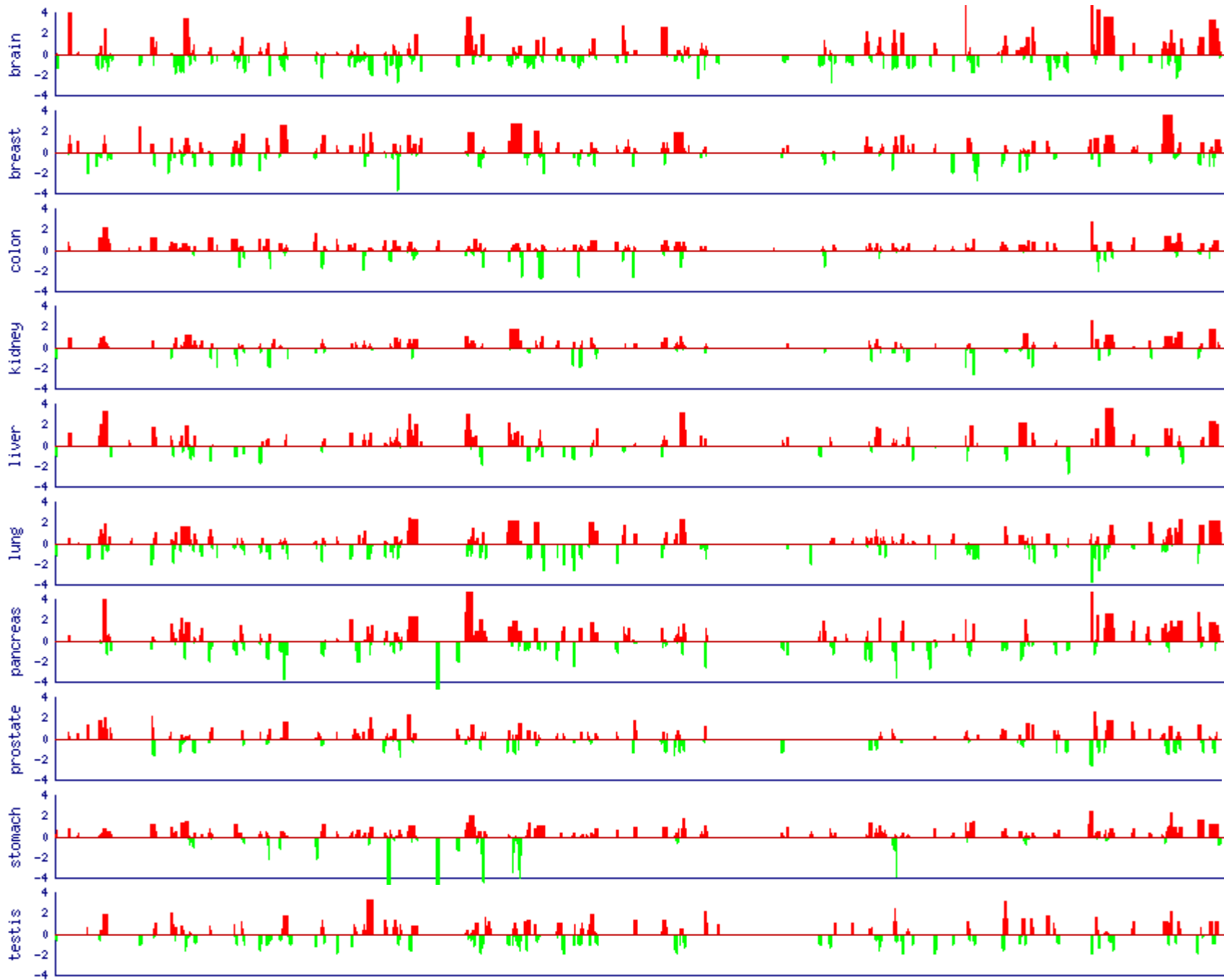
Supplementary Figure 18. Distribution of the Z-score sensing indices along chromosome 19 (left) and 20 (right).

Supplementary Figure 19. Distribution of the Z-score sensing indices along chromosome 21 (left) and 22 (right).

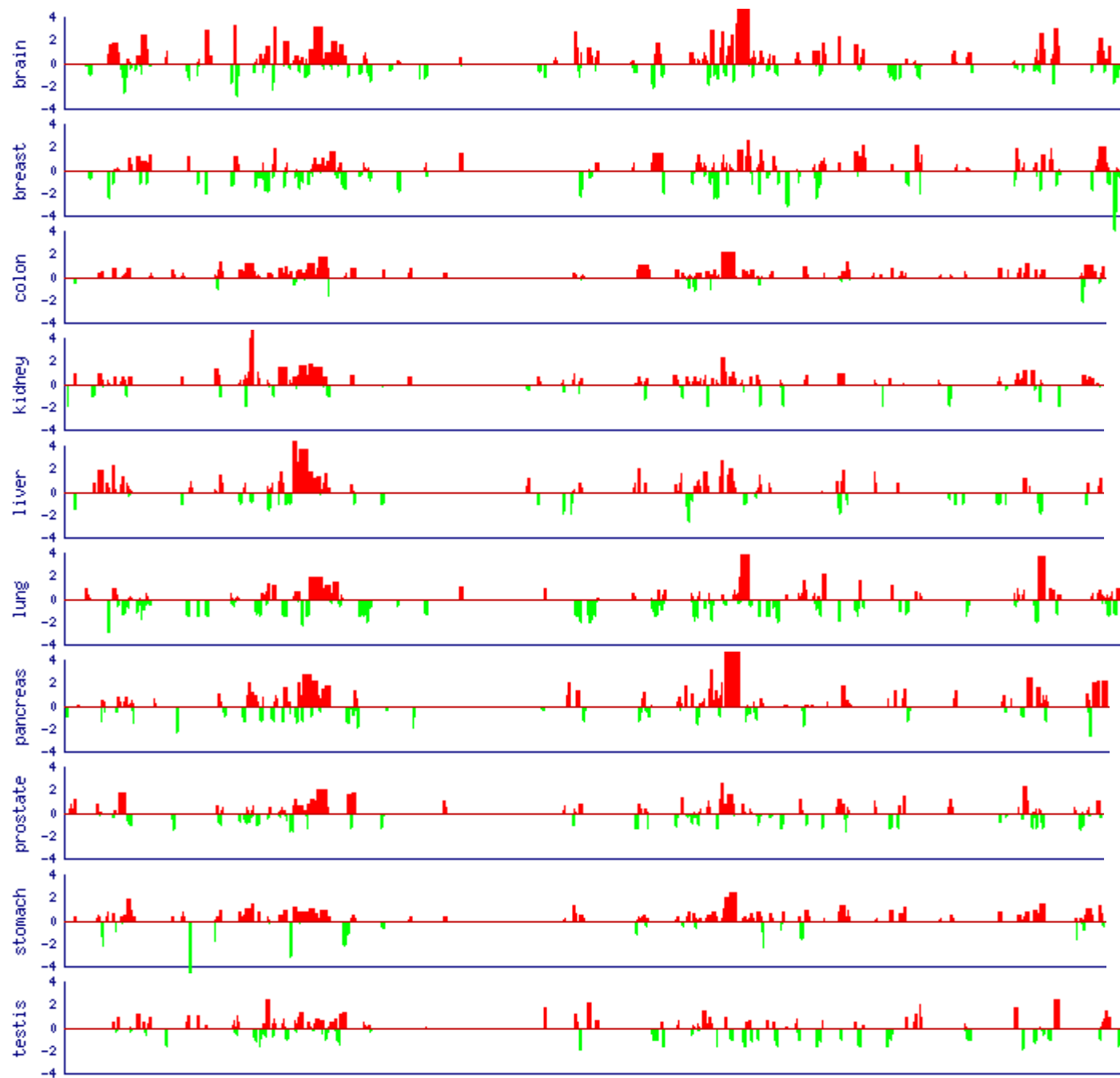
Supplementary Figure 20. Distribution of the Z-score sensing indices along chromosome X.



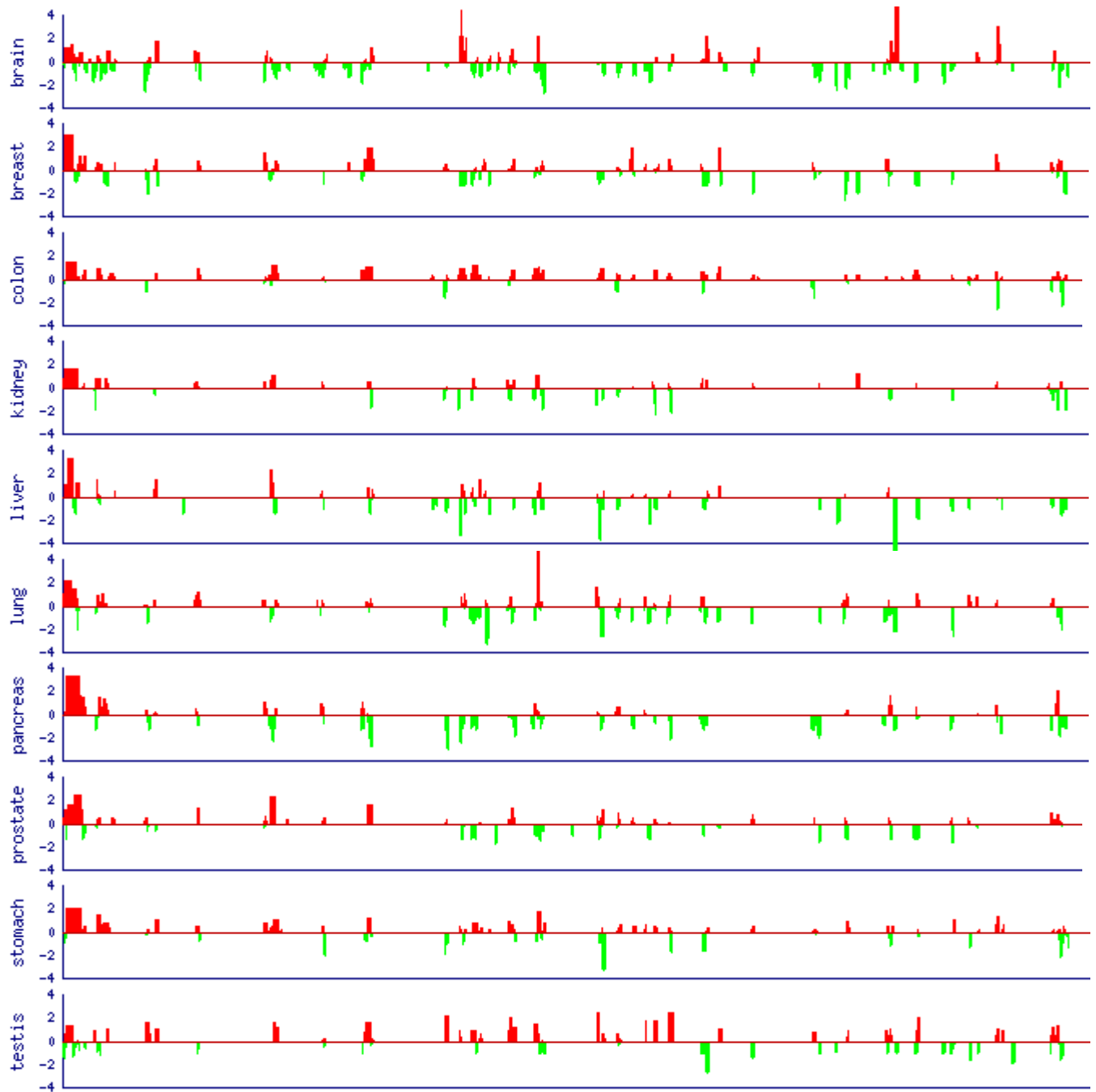
Supplementary Figure 1. Chr. 1



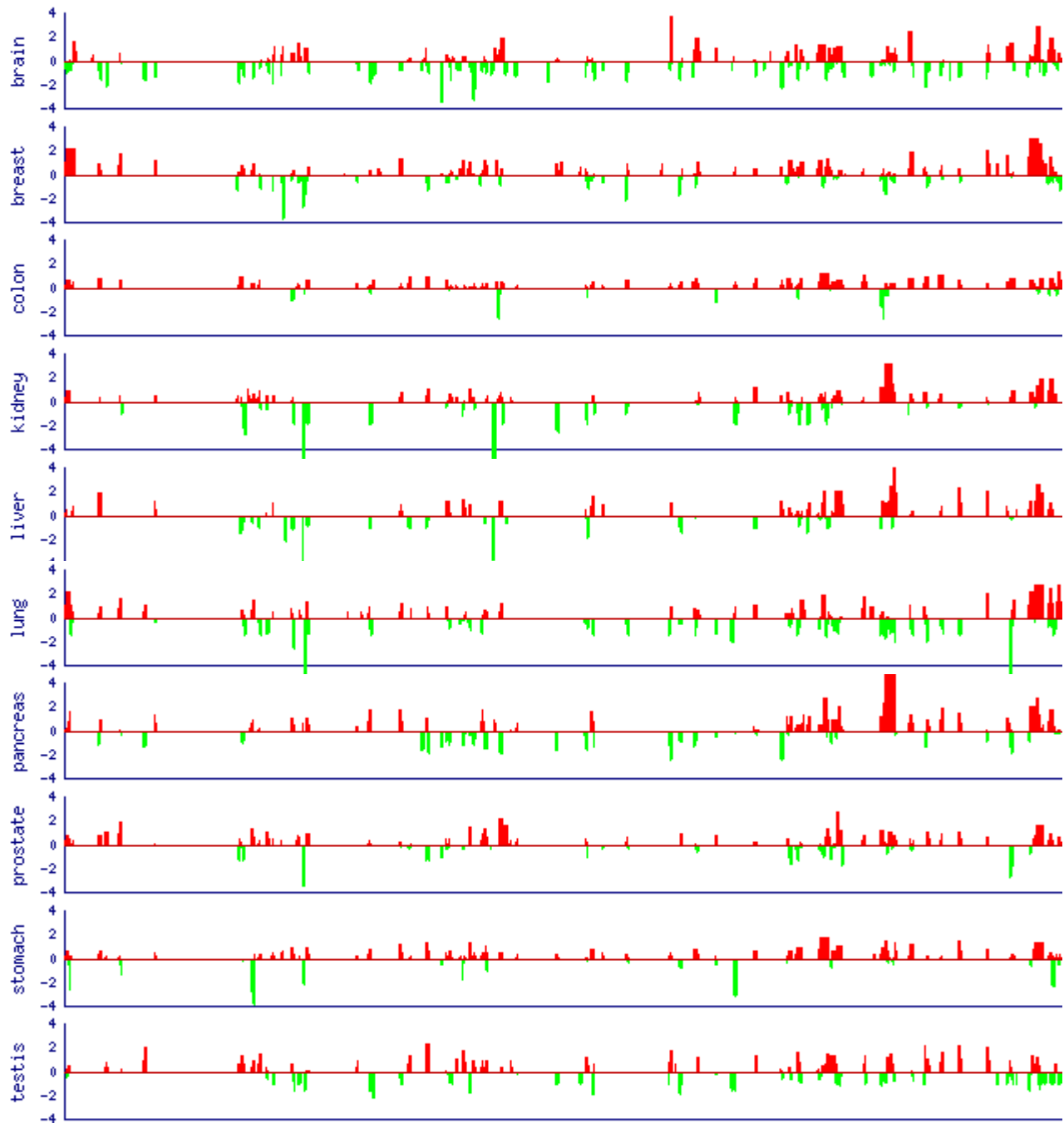
Supplementary Figure 2. Chr. 2.



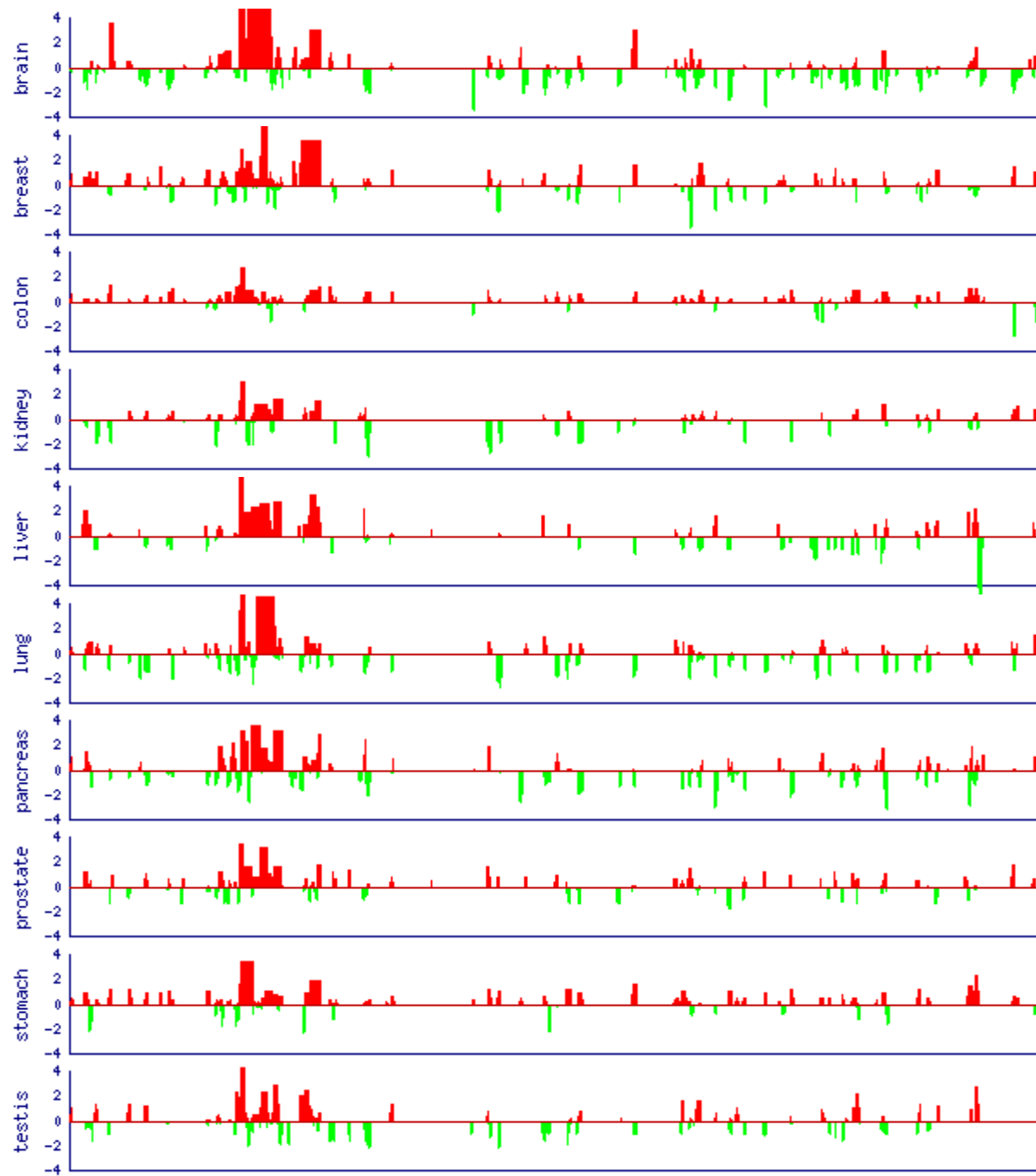
Supplementary Figure 3. Chr. 3.



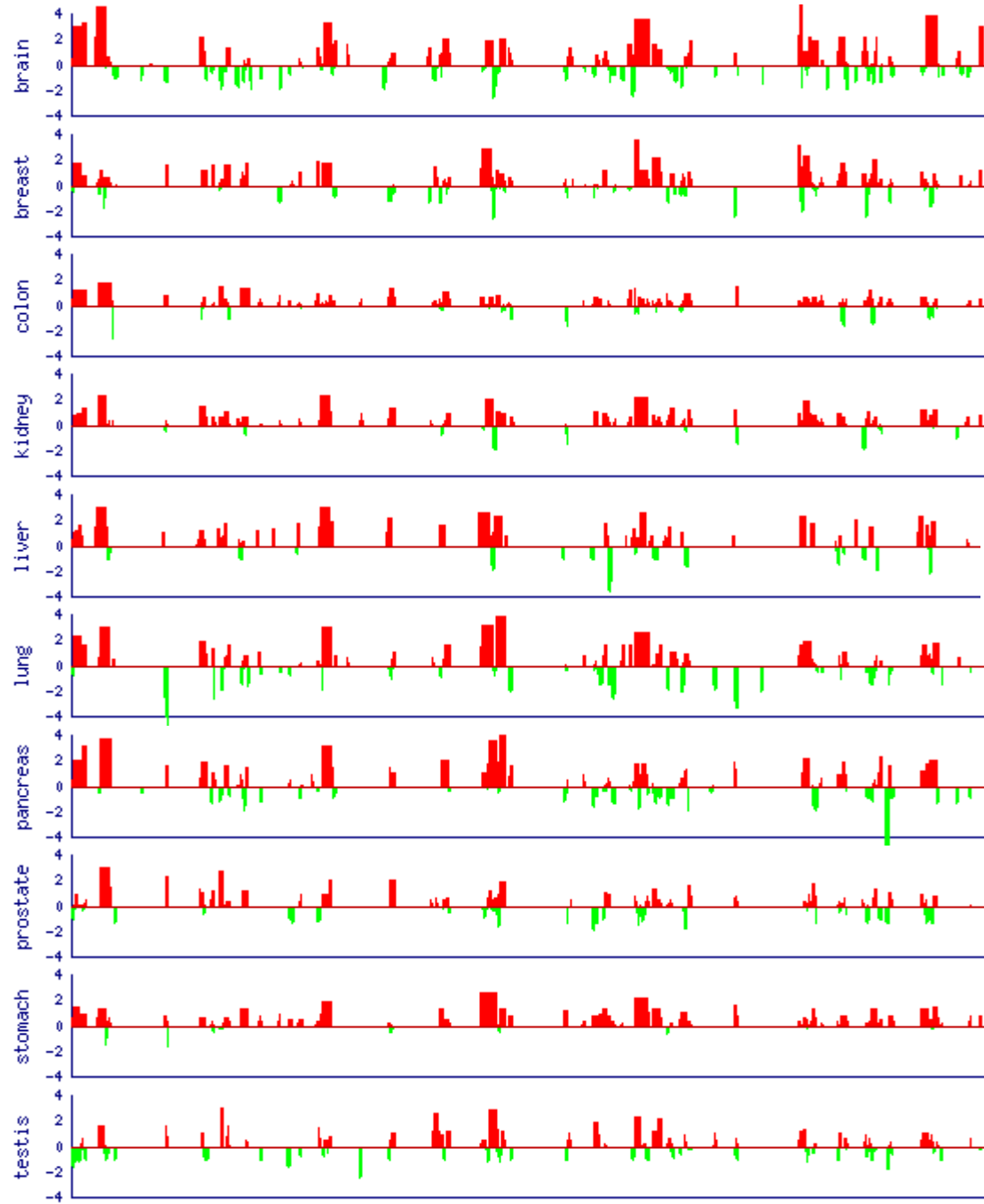
Supplementary Figure 4. Chr. 4.



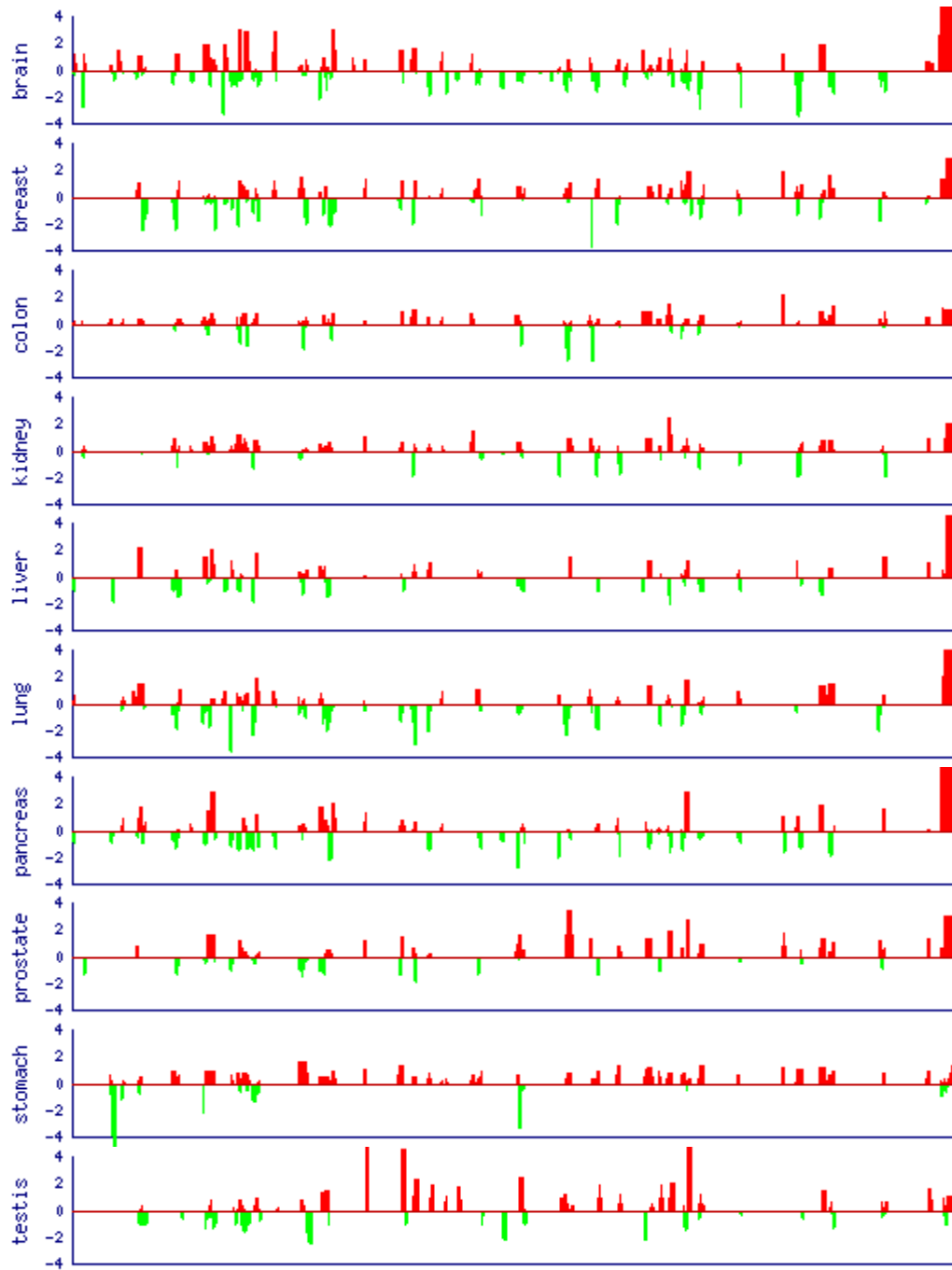
Supplementary Figure 5. Chr. 5.



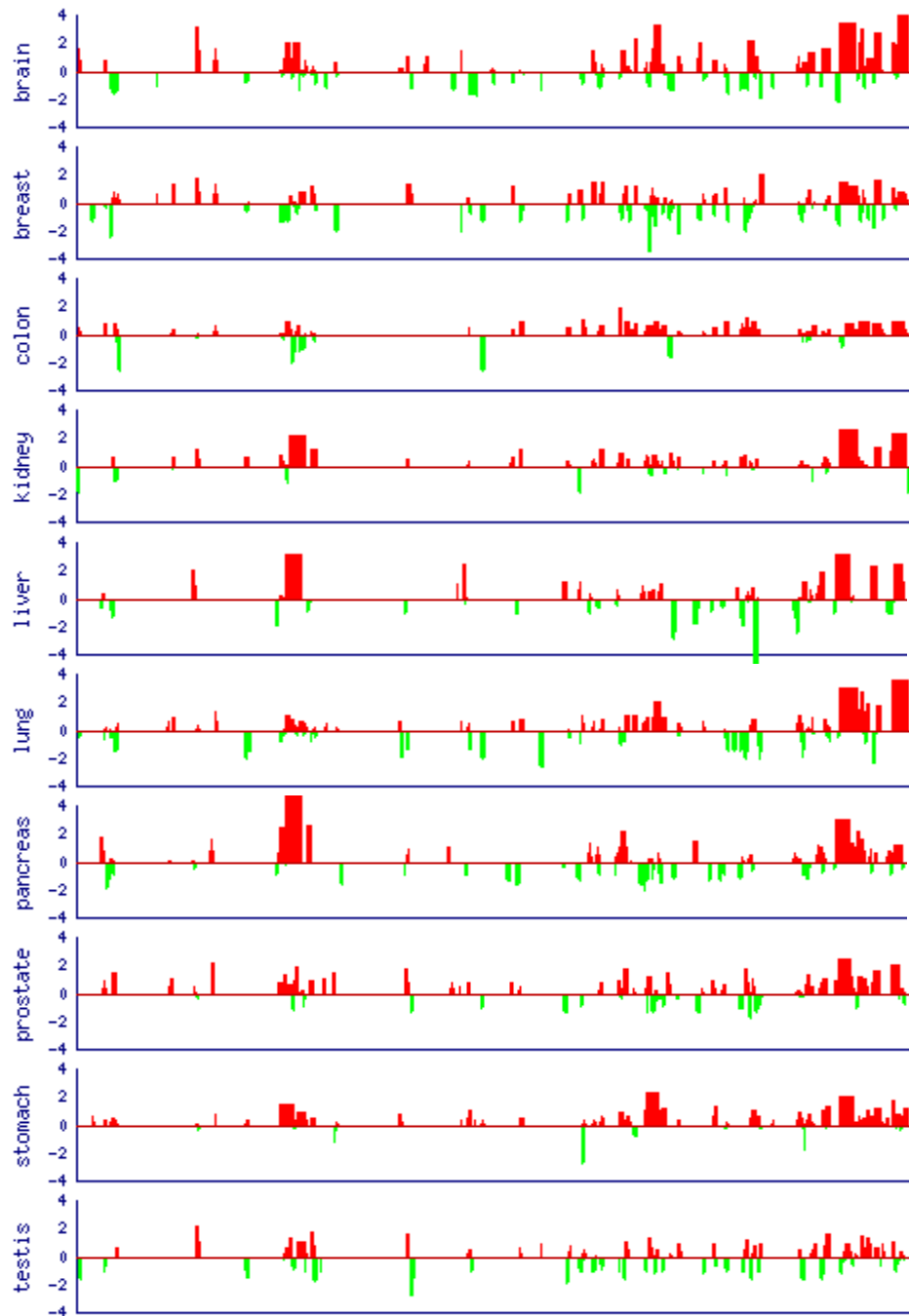
Supplementary Figure 6. Chr. 6.



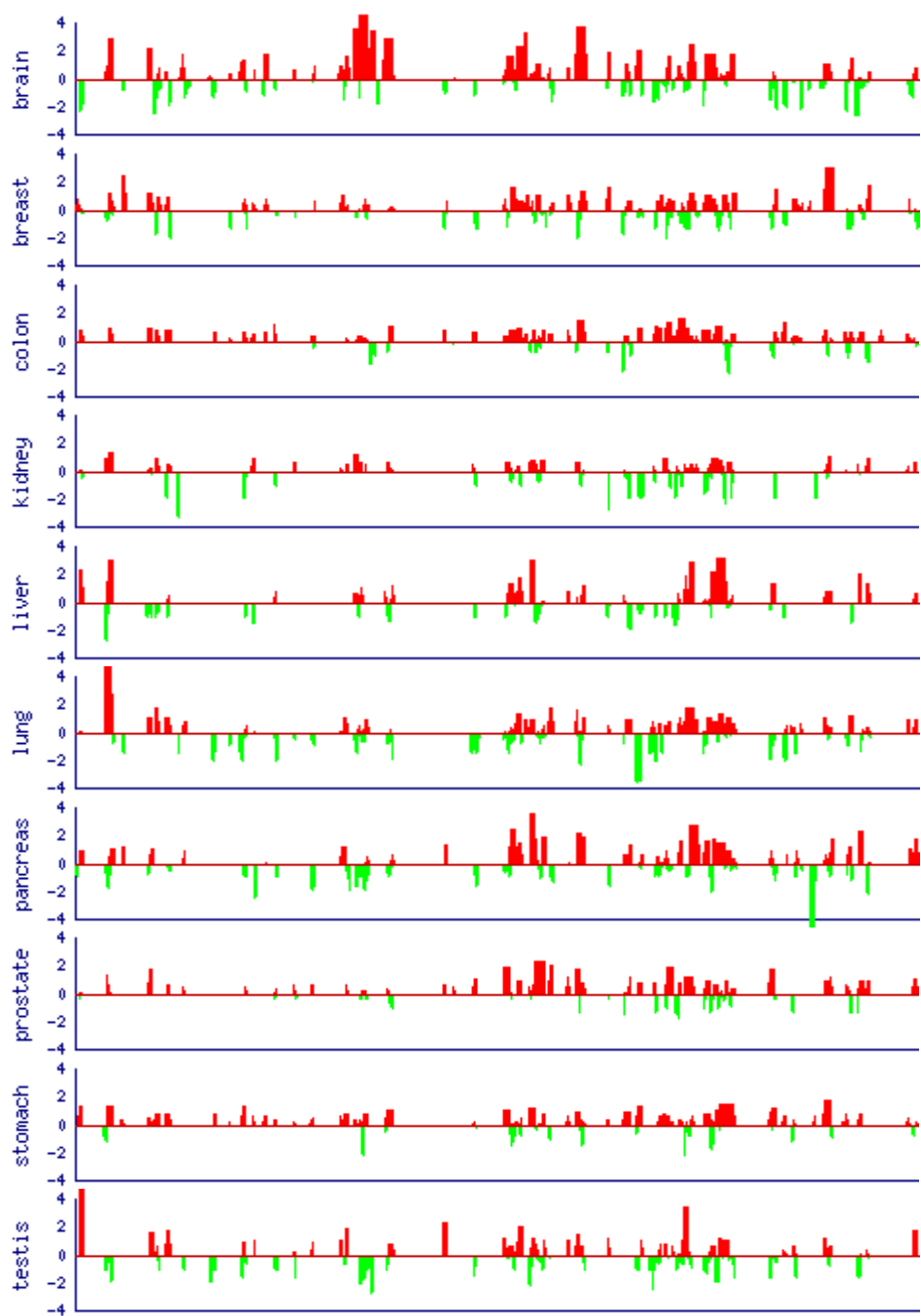
Supplementary Figure 7. Chr. 7.



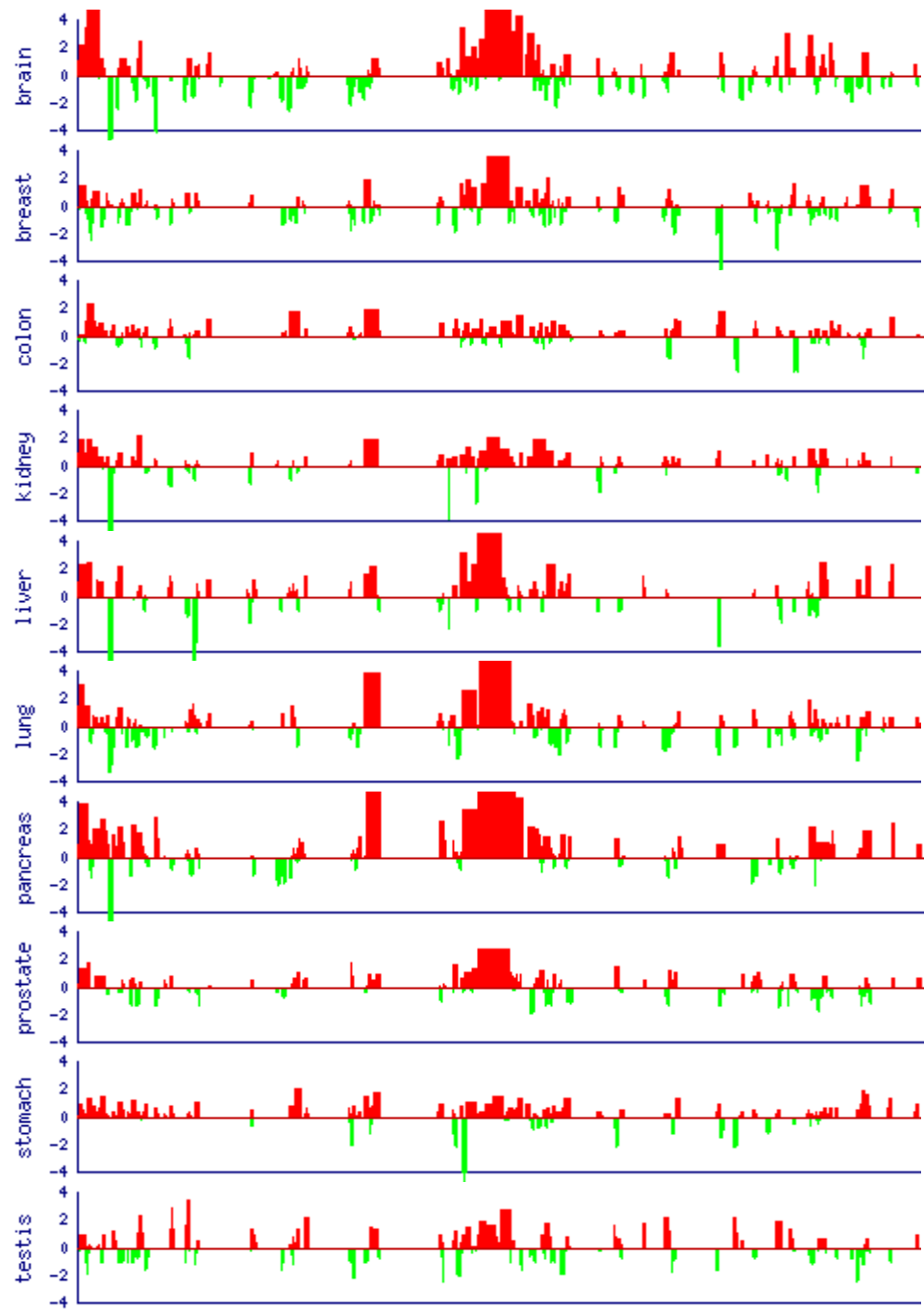
Supplementary Figure 8. Chr. 8.



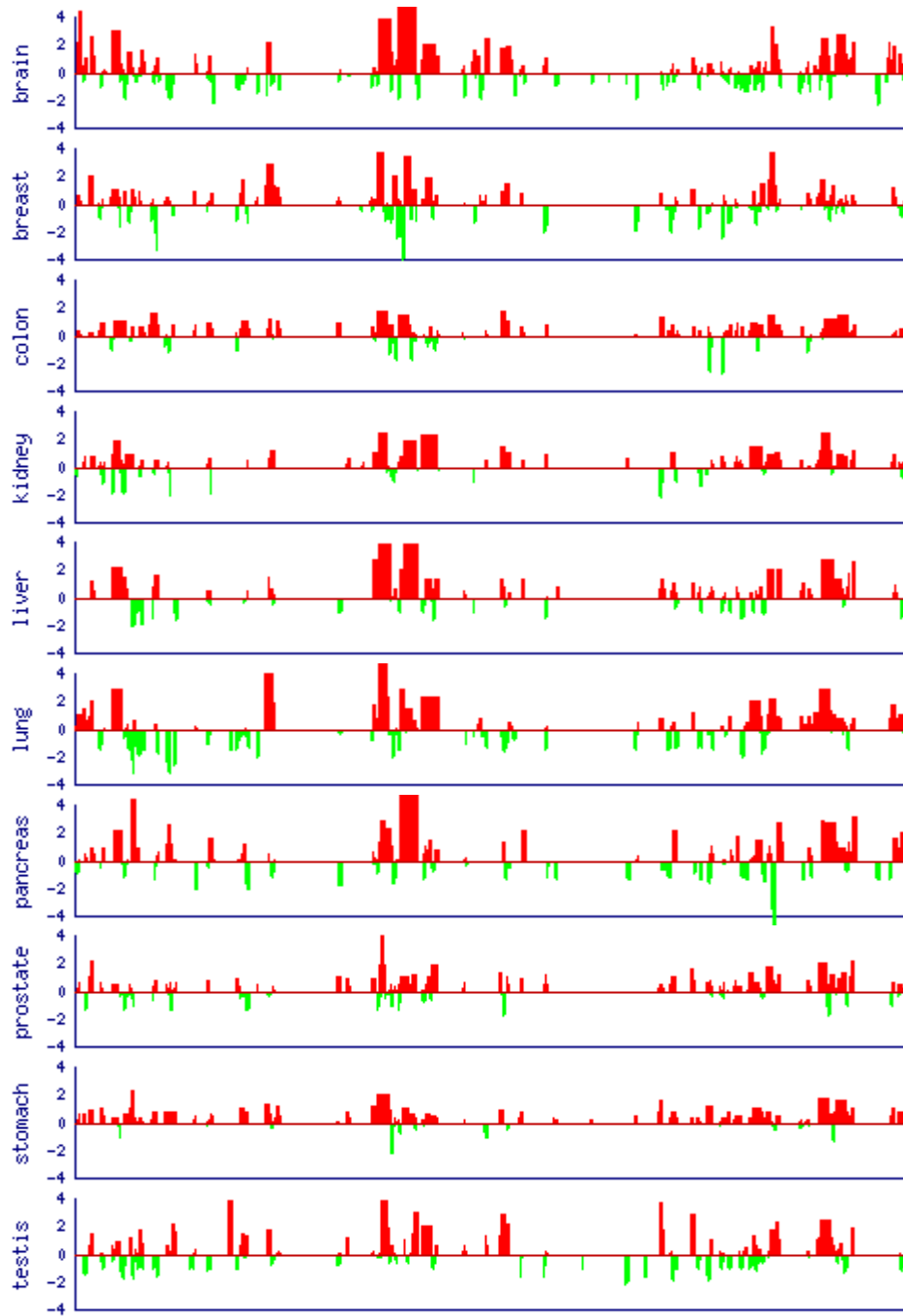
Supplementary Figure 9. Chr. 9.



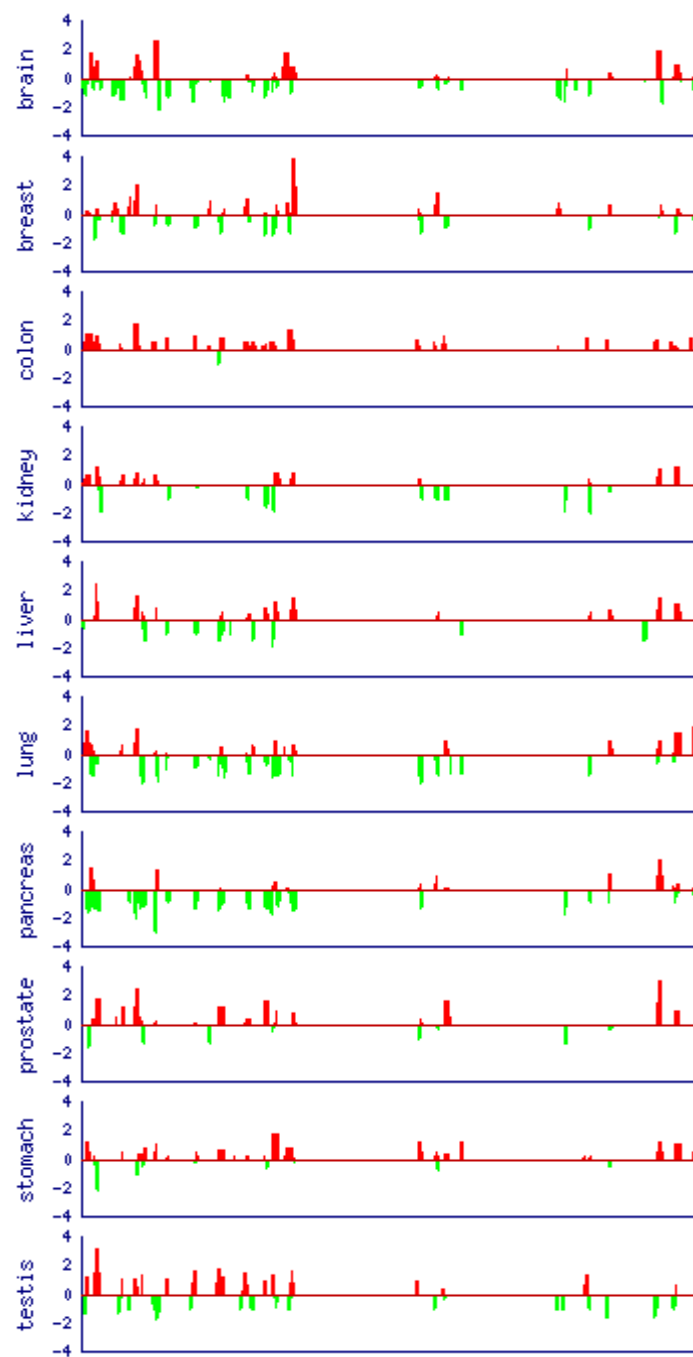
Supplementary Figure 10. Chr. 10.



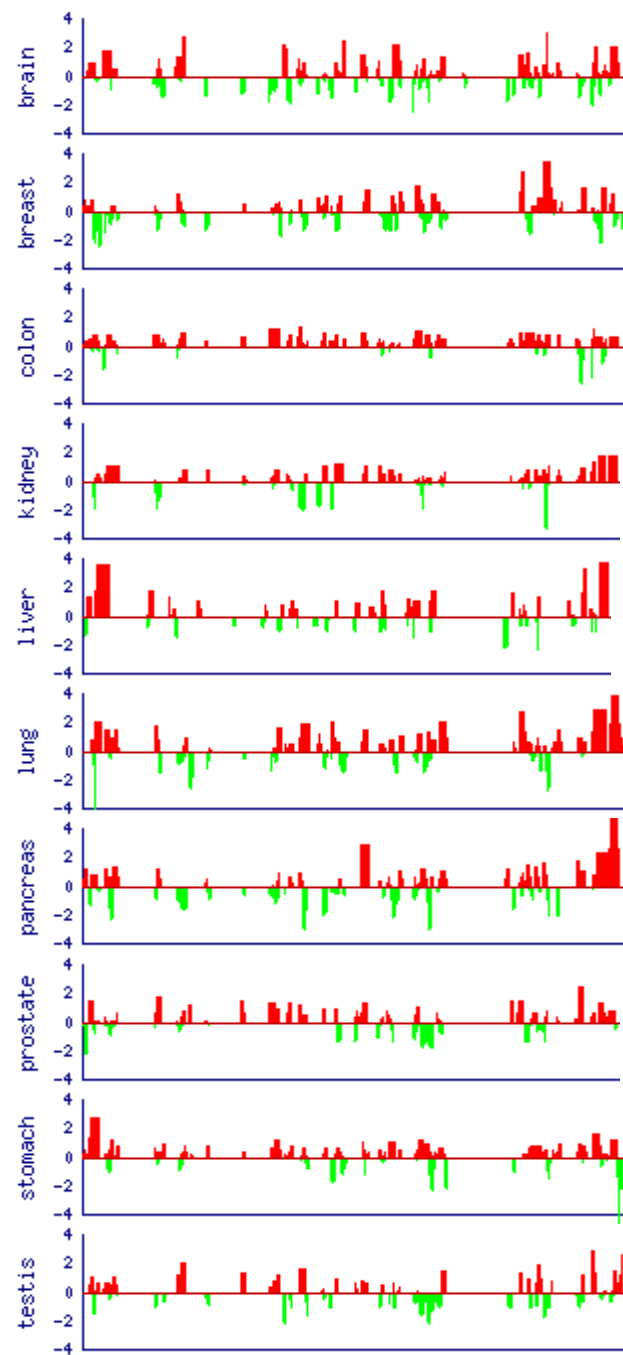
Supplementary Figure 11. Chr. 11.



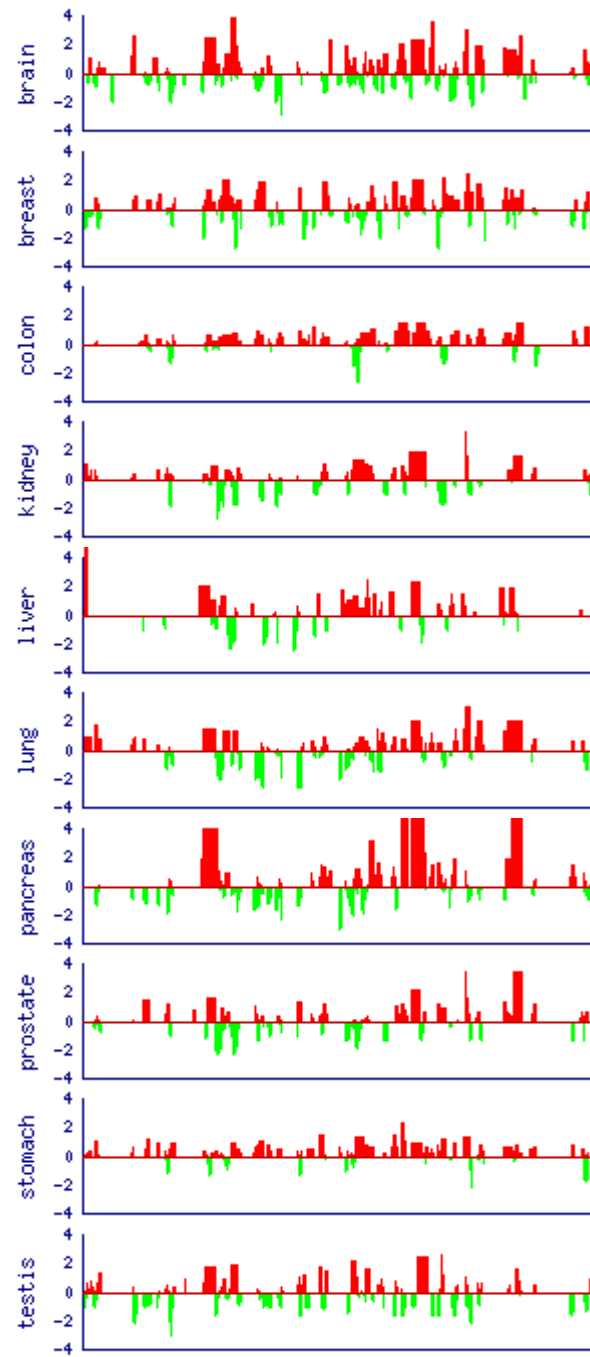
Supplementary Figure 12. Chr. 12.



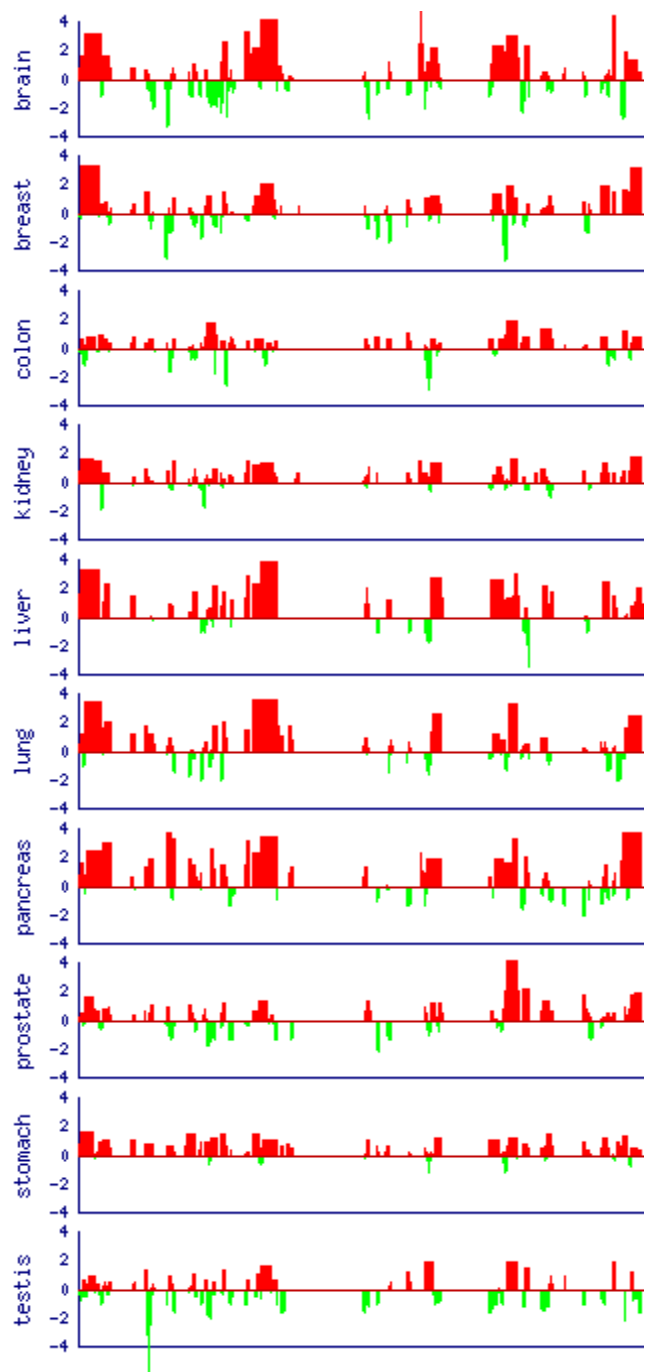
Supplementary Figure 13. Chr. 13.



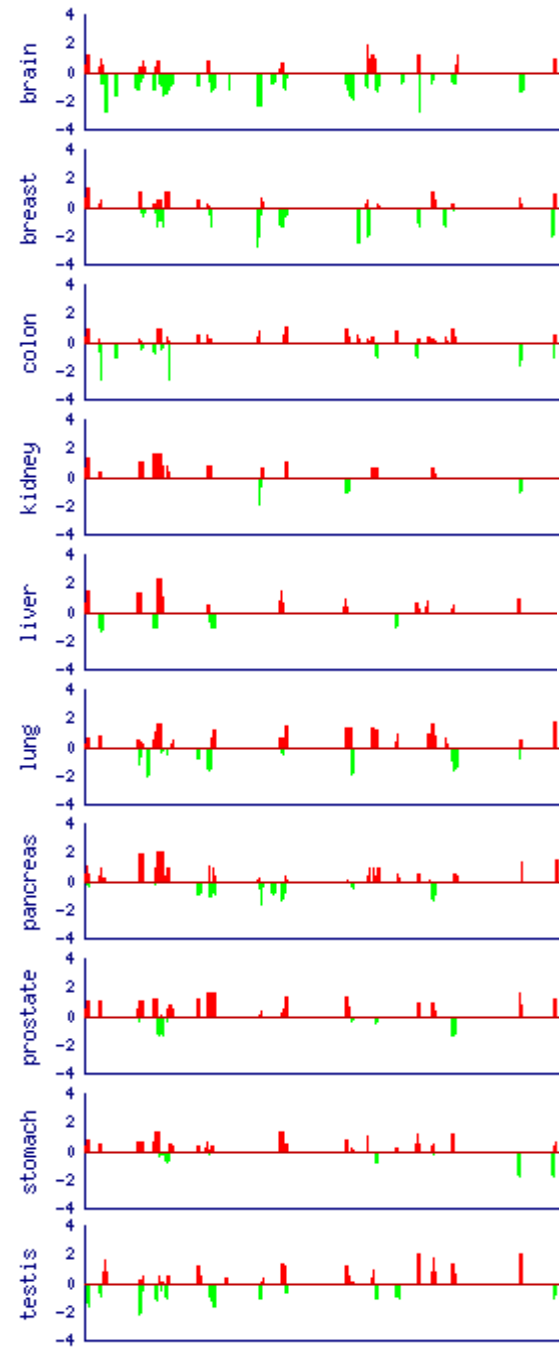
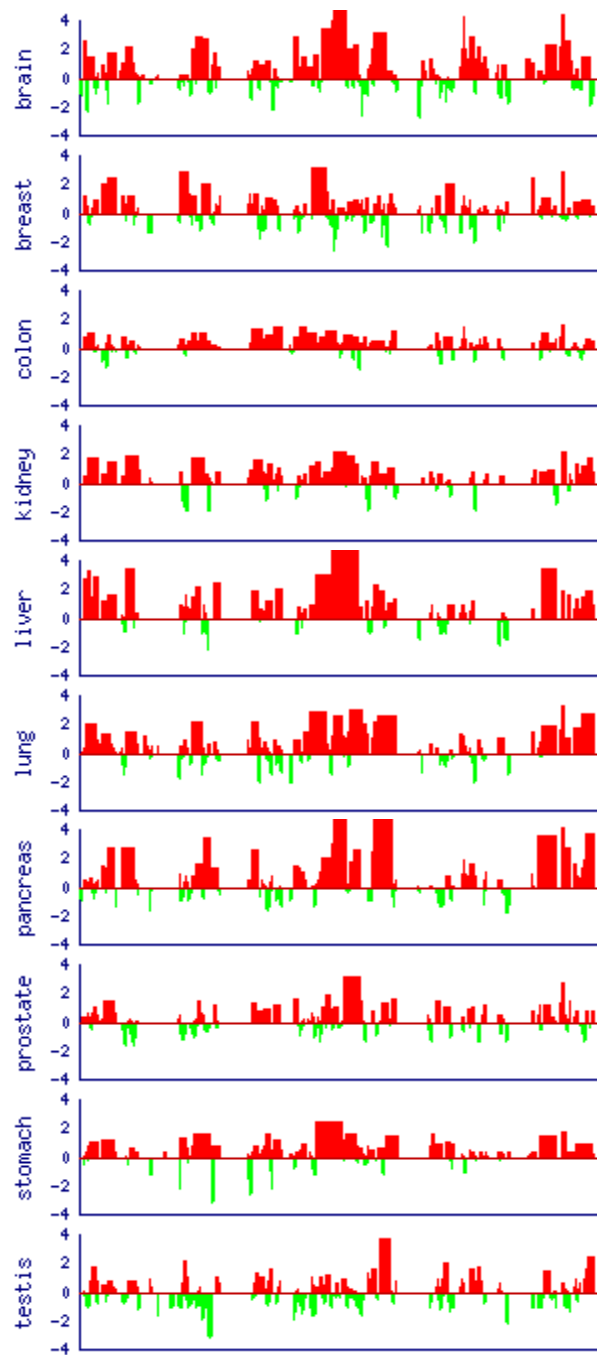
Supplementary Figure 14. Chr. 14.



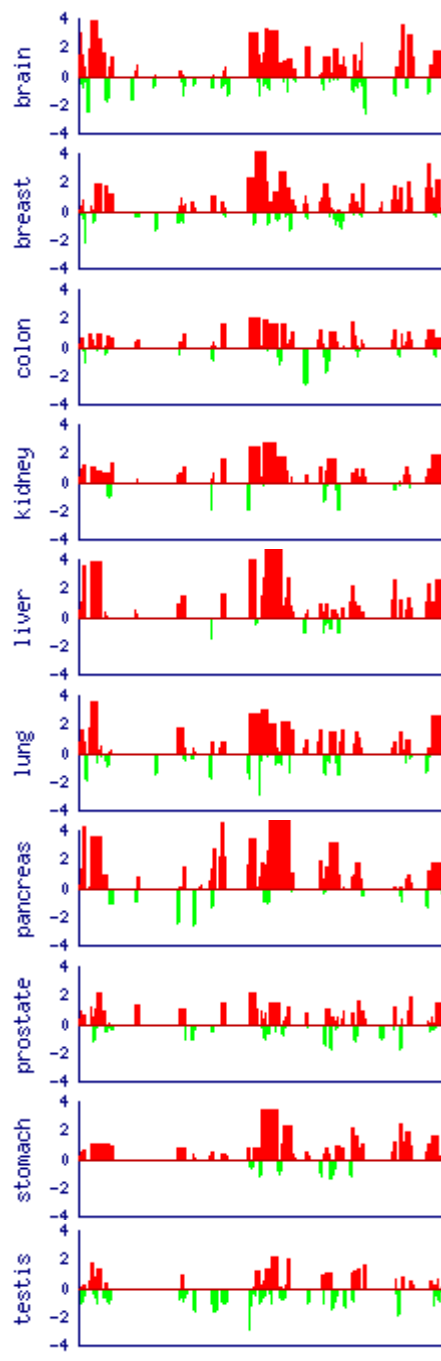
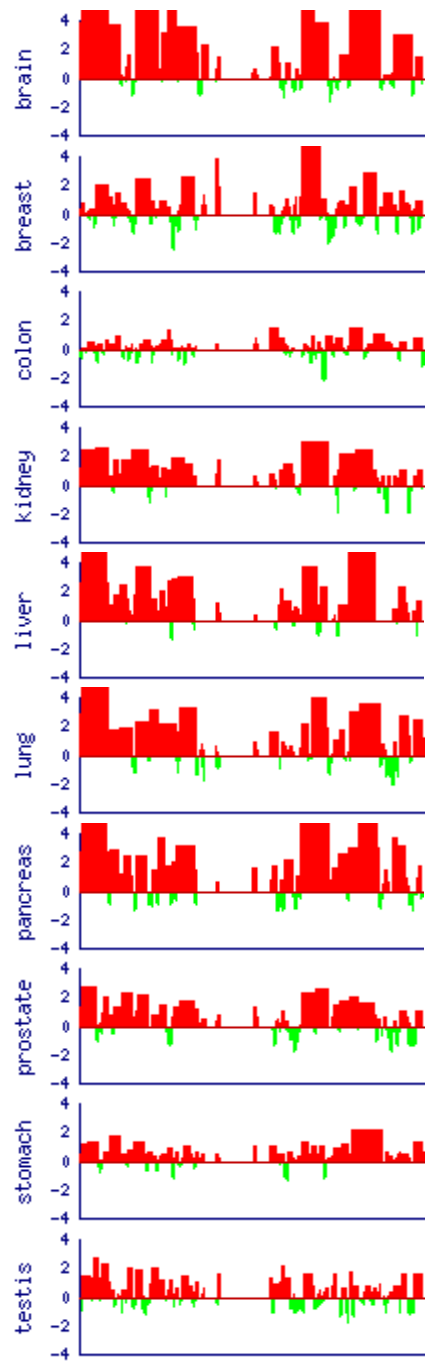
Supplementary Figure 15. Chr. 15.



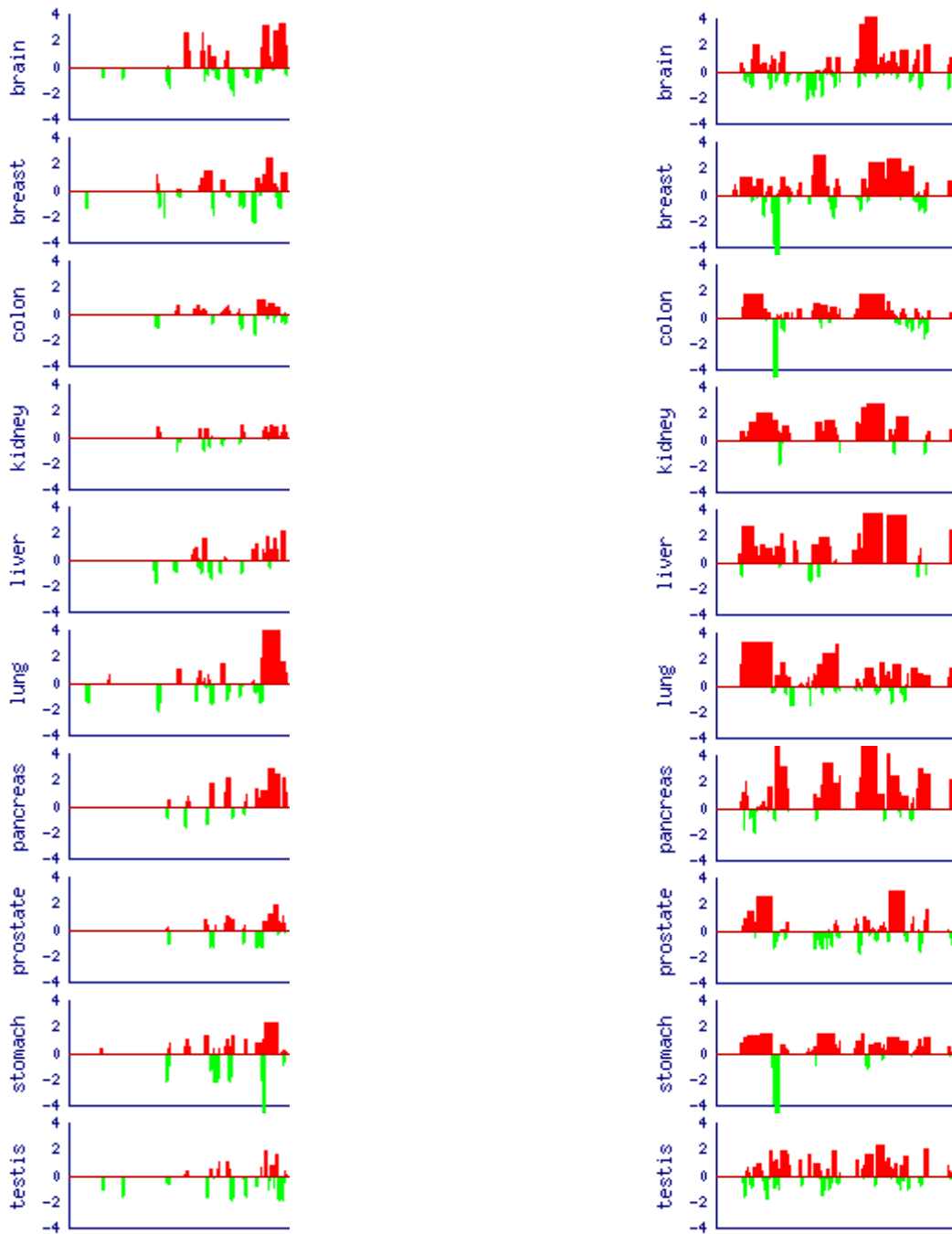
Supplementary Figure 16. Chr. 16.



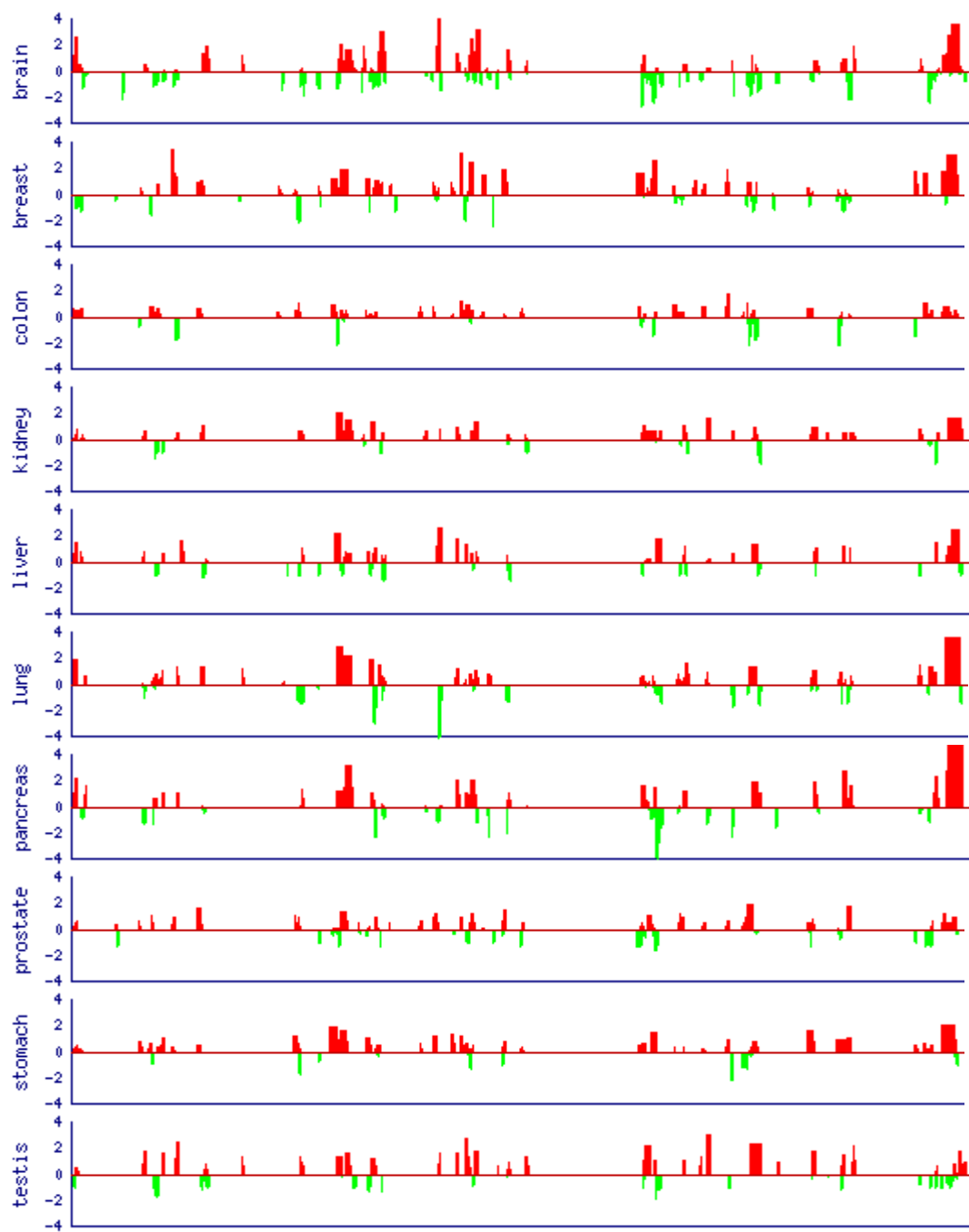
Supplementary Figure 17. Chr. 17 and 18.



Supplementary Figure 18. Chr. 19 and 20.



Supplementary Figure 19. Chr. 21 and 22.



Supplementary Figure 20. Chr. X.