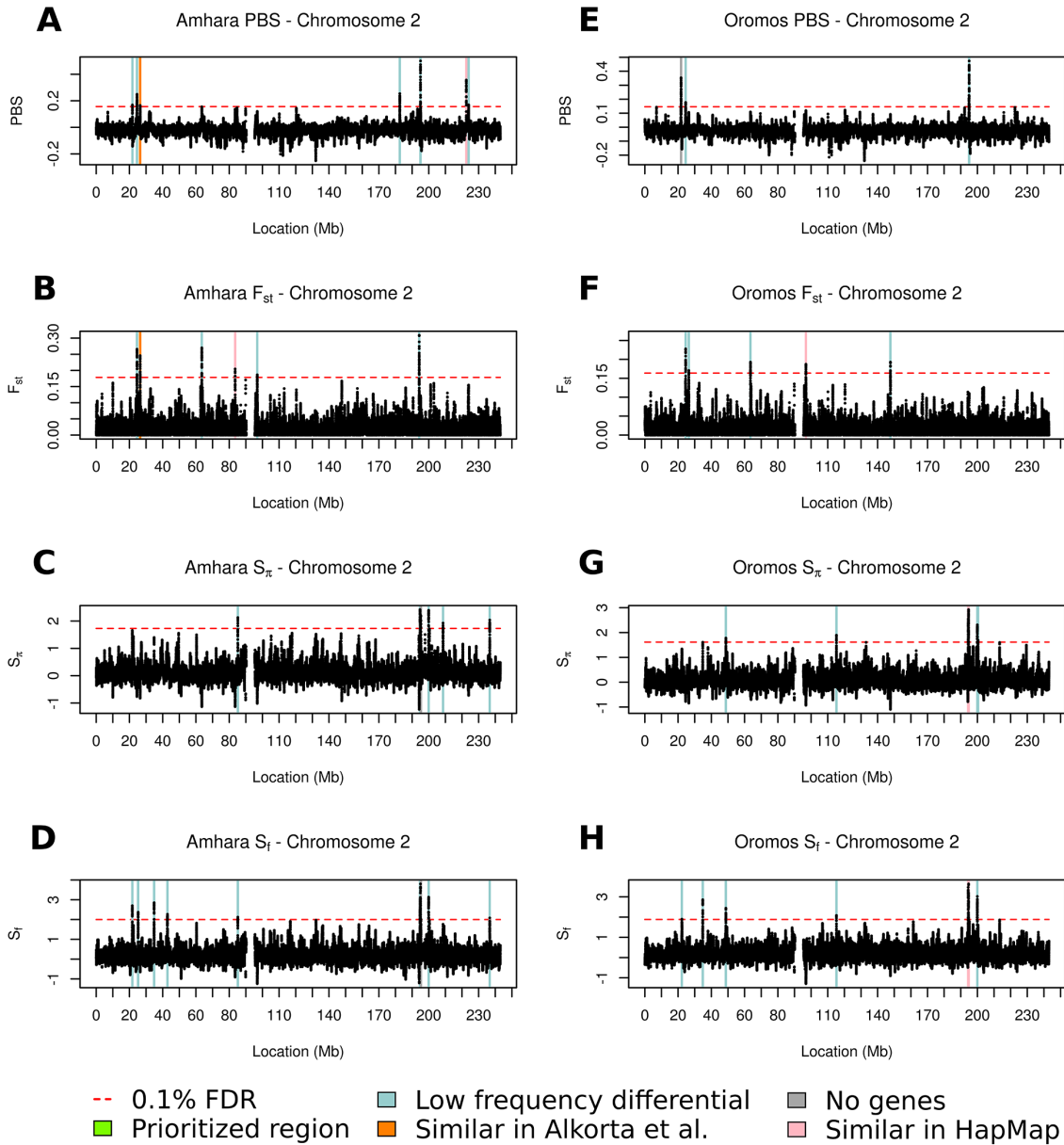**Chromosome 1. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations**. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
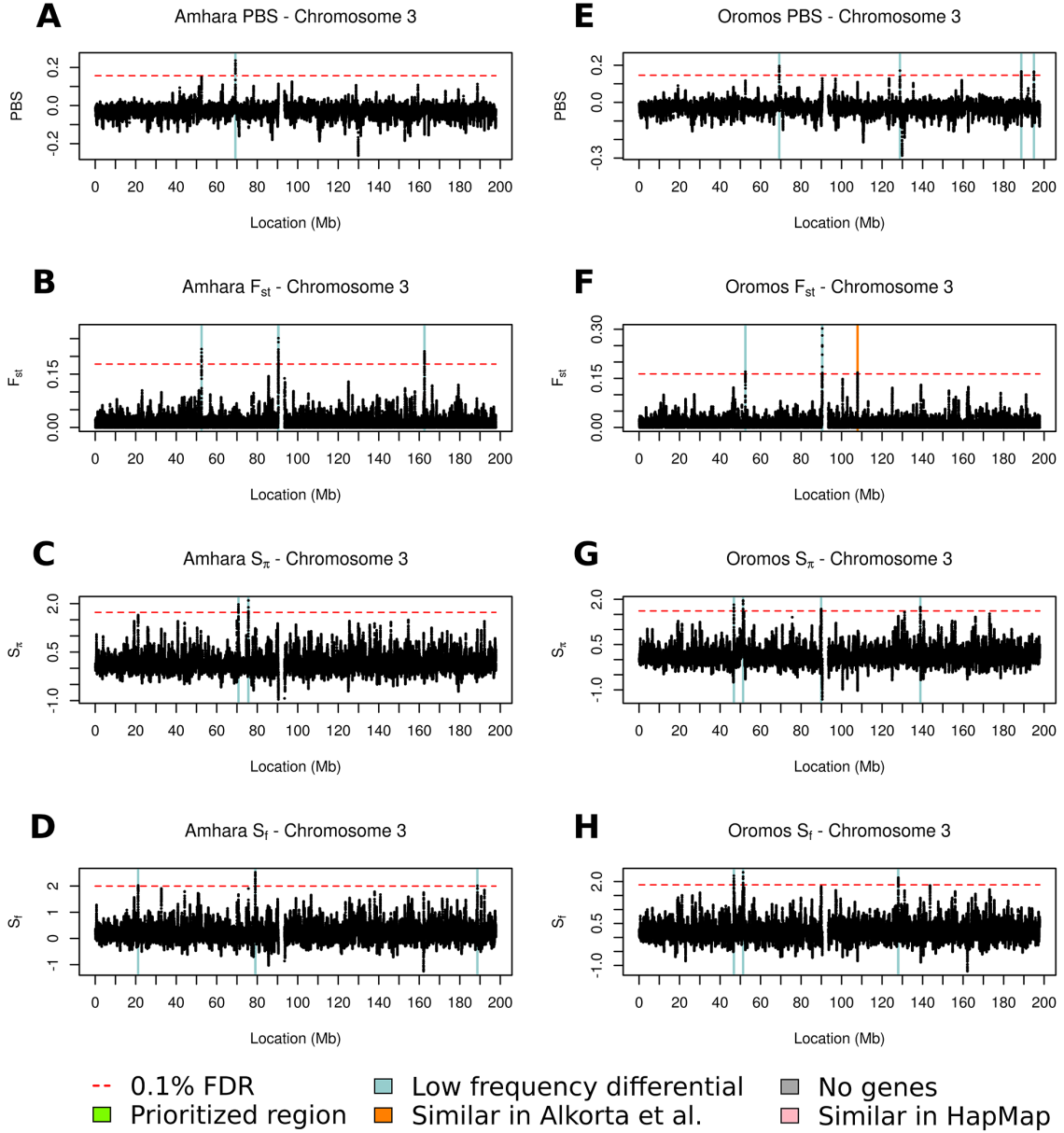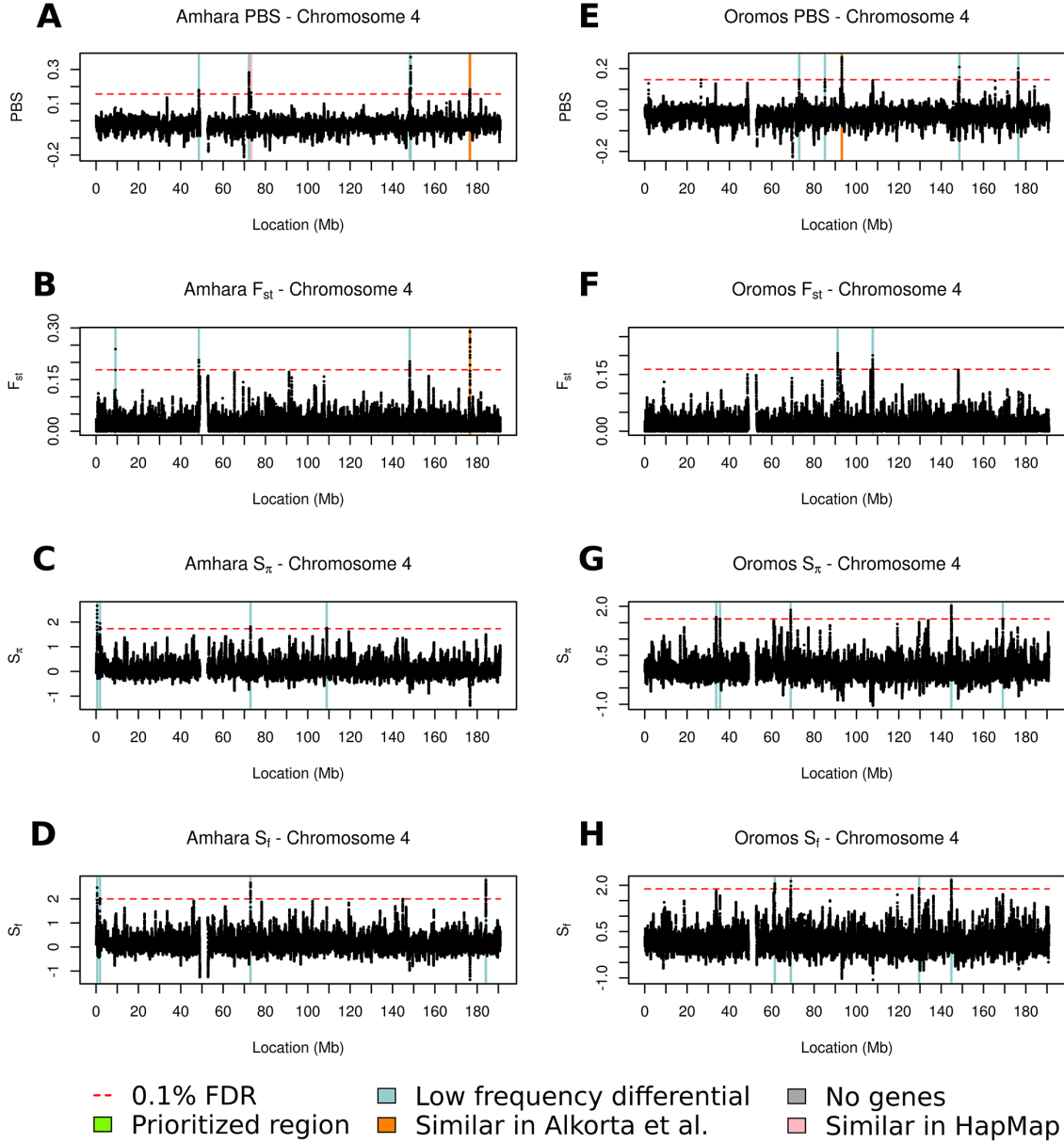
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Chromosome 2. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_{π} (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.

Chromosome 3. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.

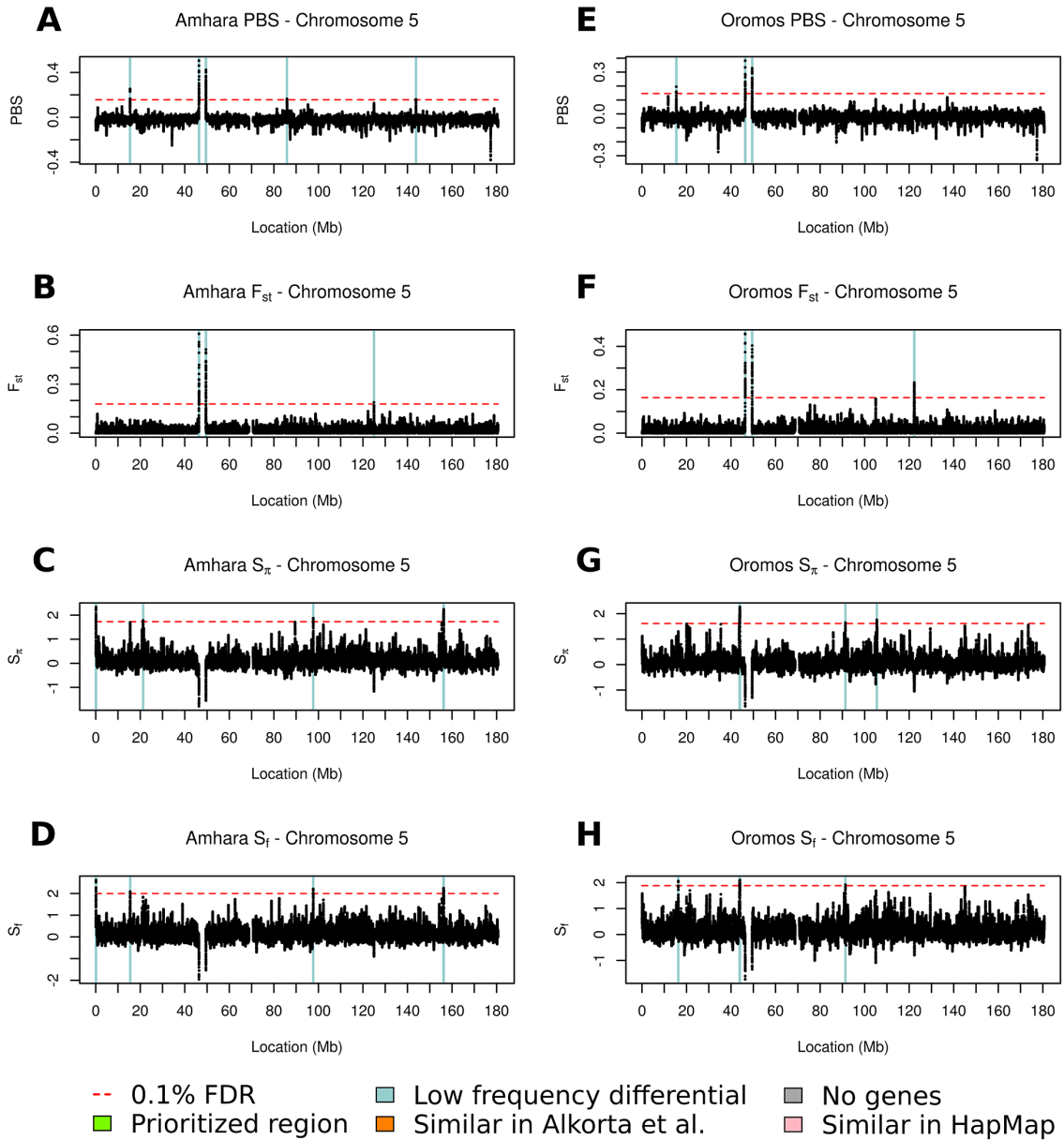**Chromosome 4. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations**. The tests shown are PBS (A, E), F_{st} (B, F), S_{π} (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
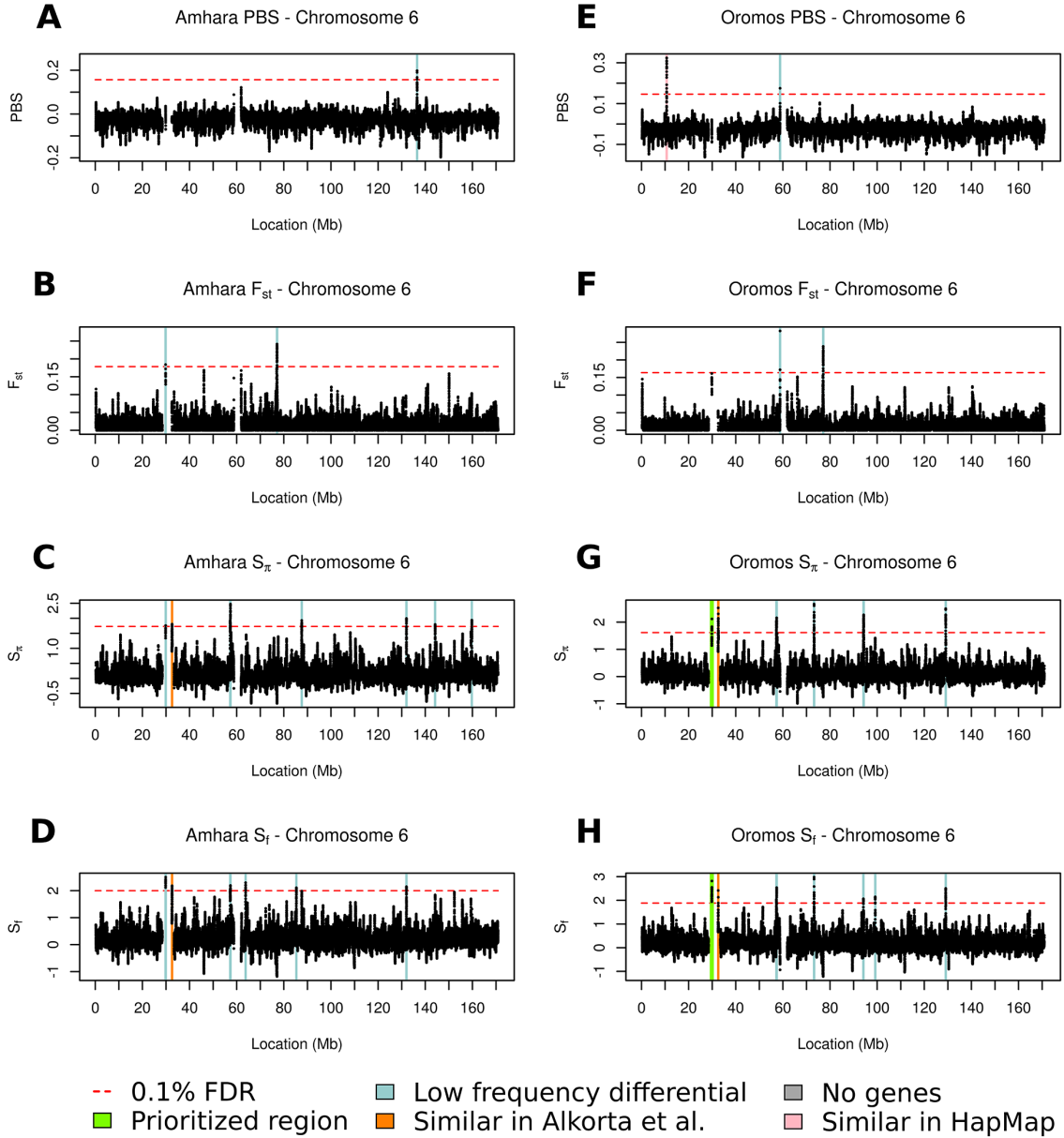
Chromosome 5. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
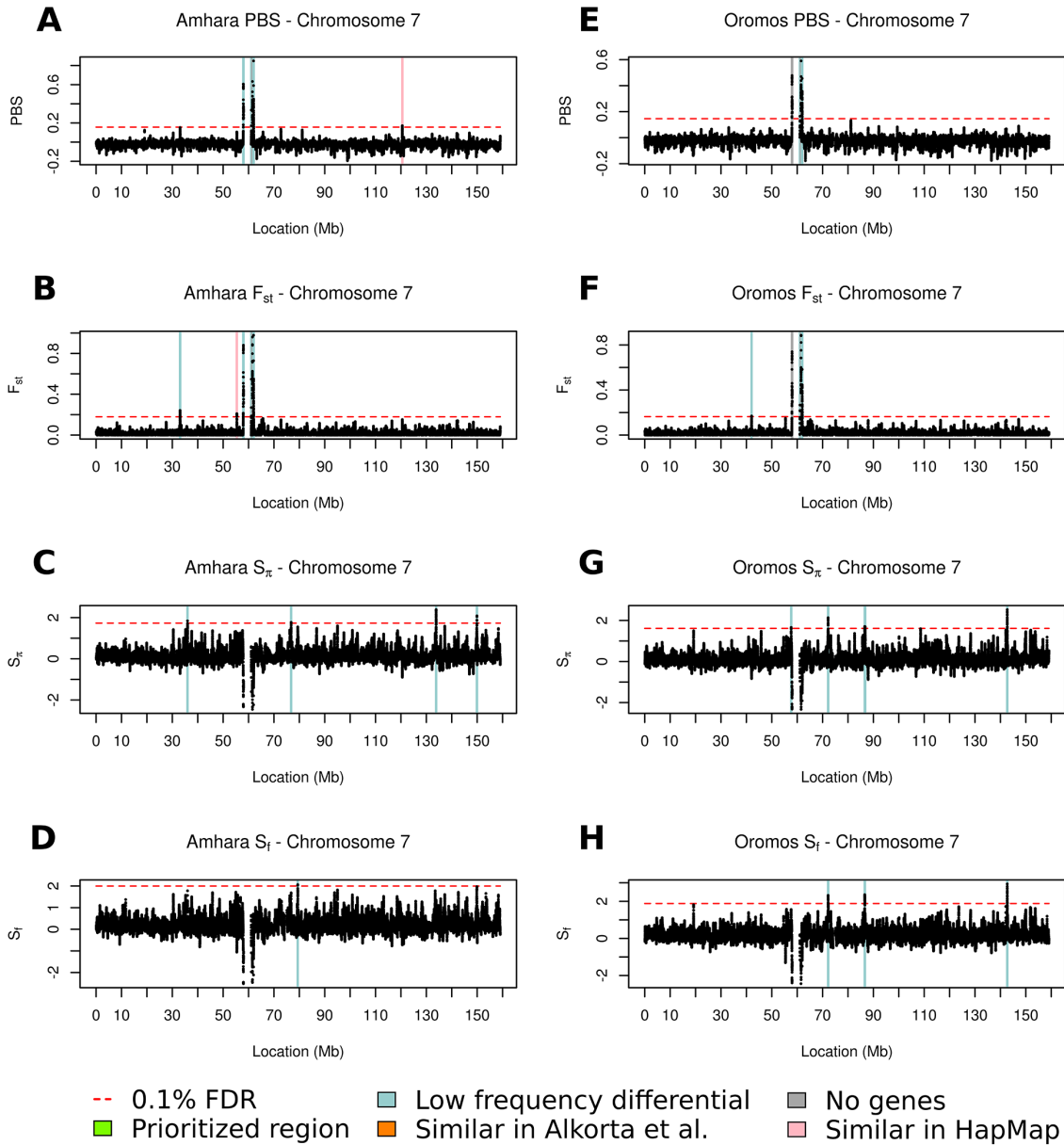
Chromosome 6. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR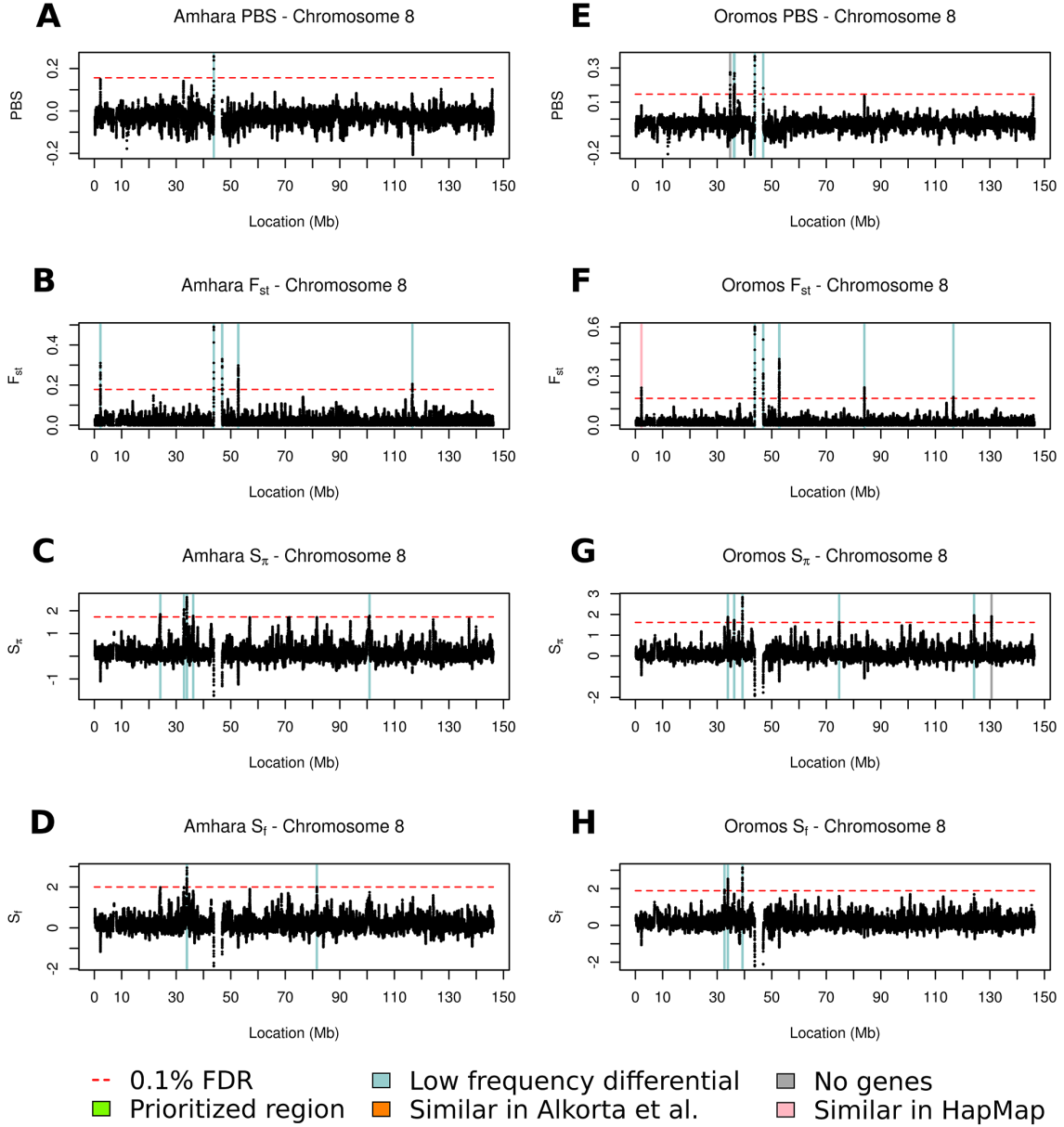 that passed all filters are shown in green. Specifically, the green region in the Oromos vs. LWK S_π and S_f statistics, position 29.8M, contains four genes (*HLA-G, HLA-H, HCG2P7,* and *HCG4P6*) and has S_π and S_f values of 2.12 and 2.82, respectively.

Chromosome 7. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations.
The tests shown are PBS (A, E), F_{st} (B, F), S_{π} (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
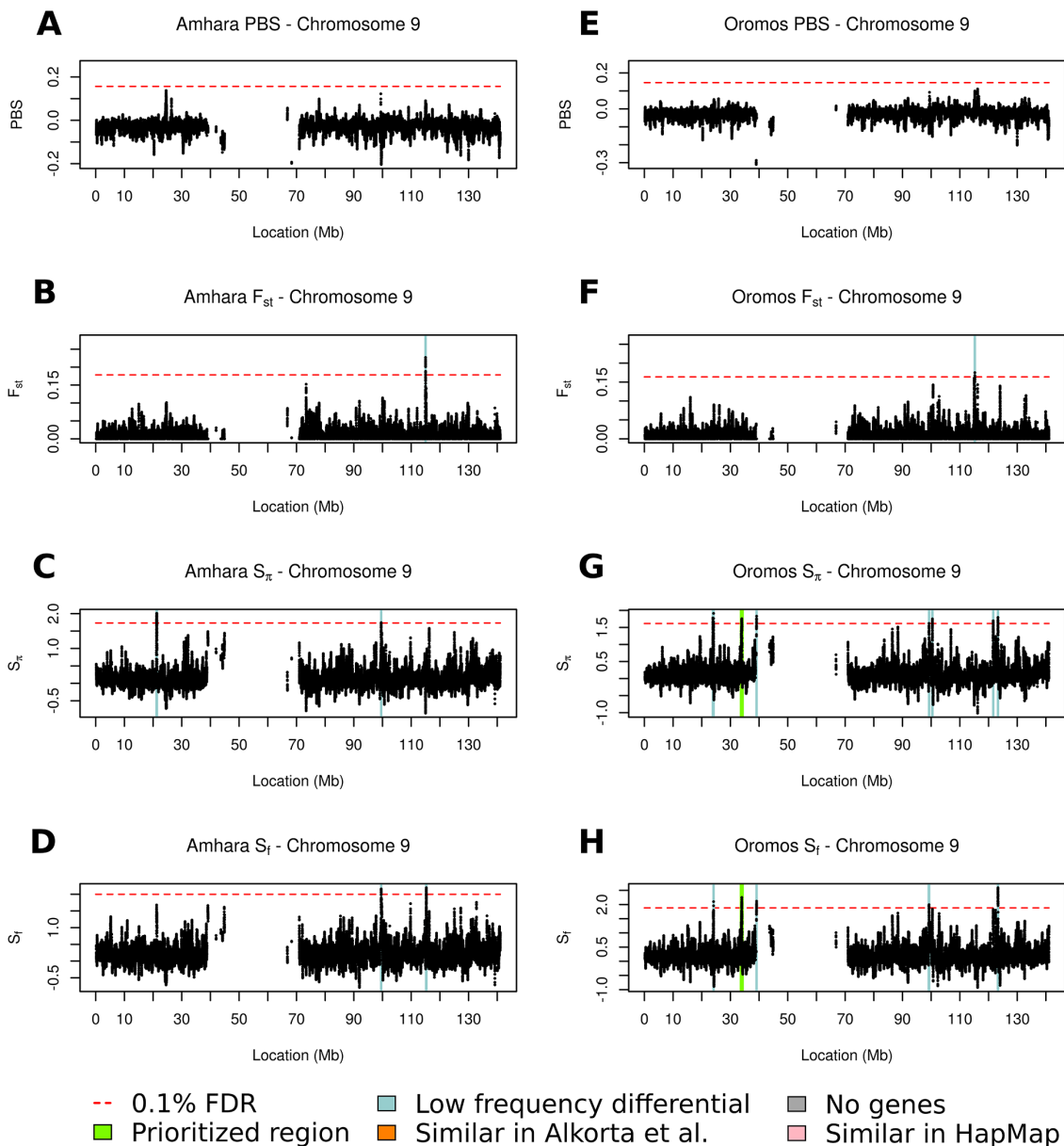
Chromosome 8. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
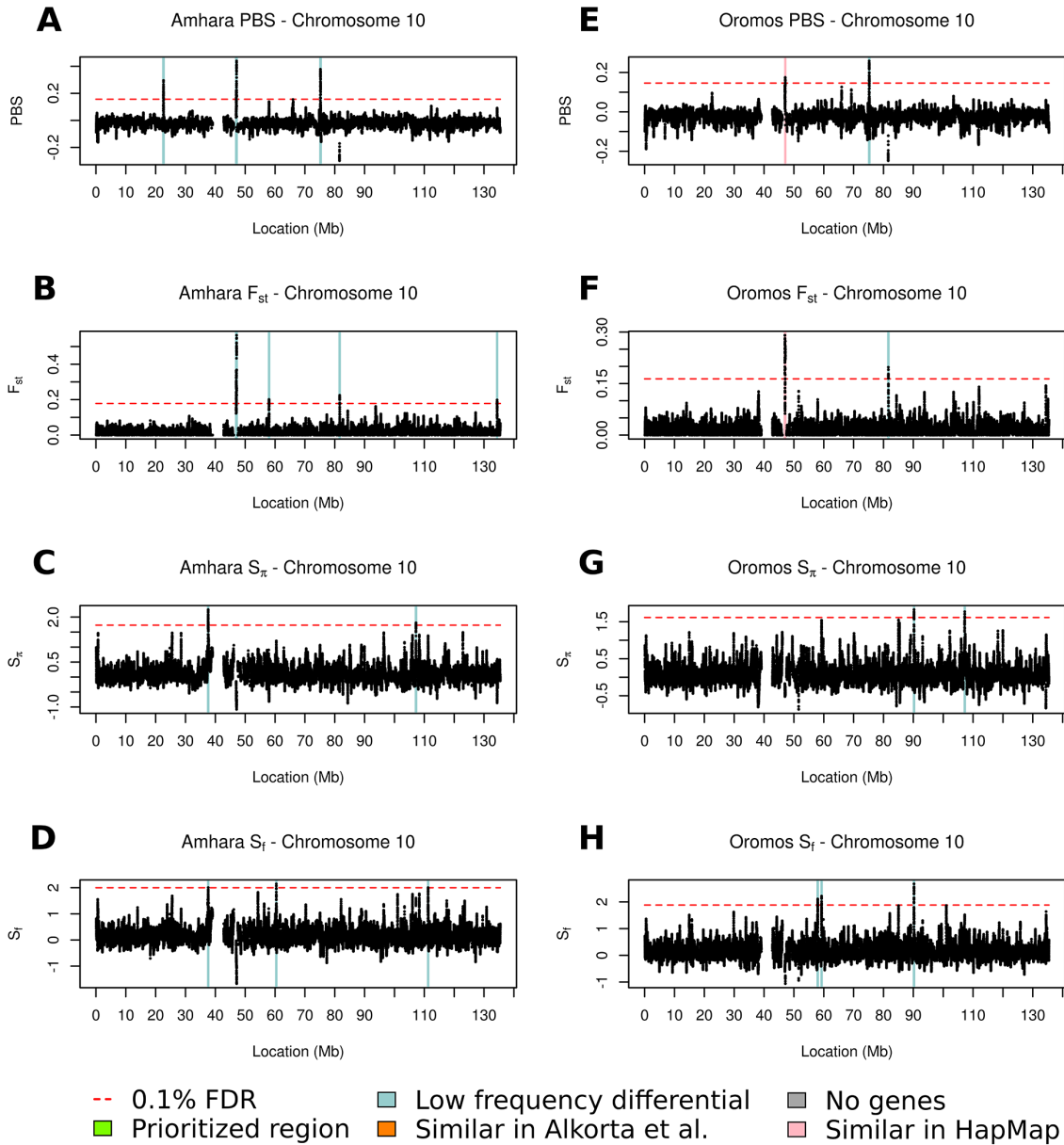
Chromosome 9. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR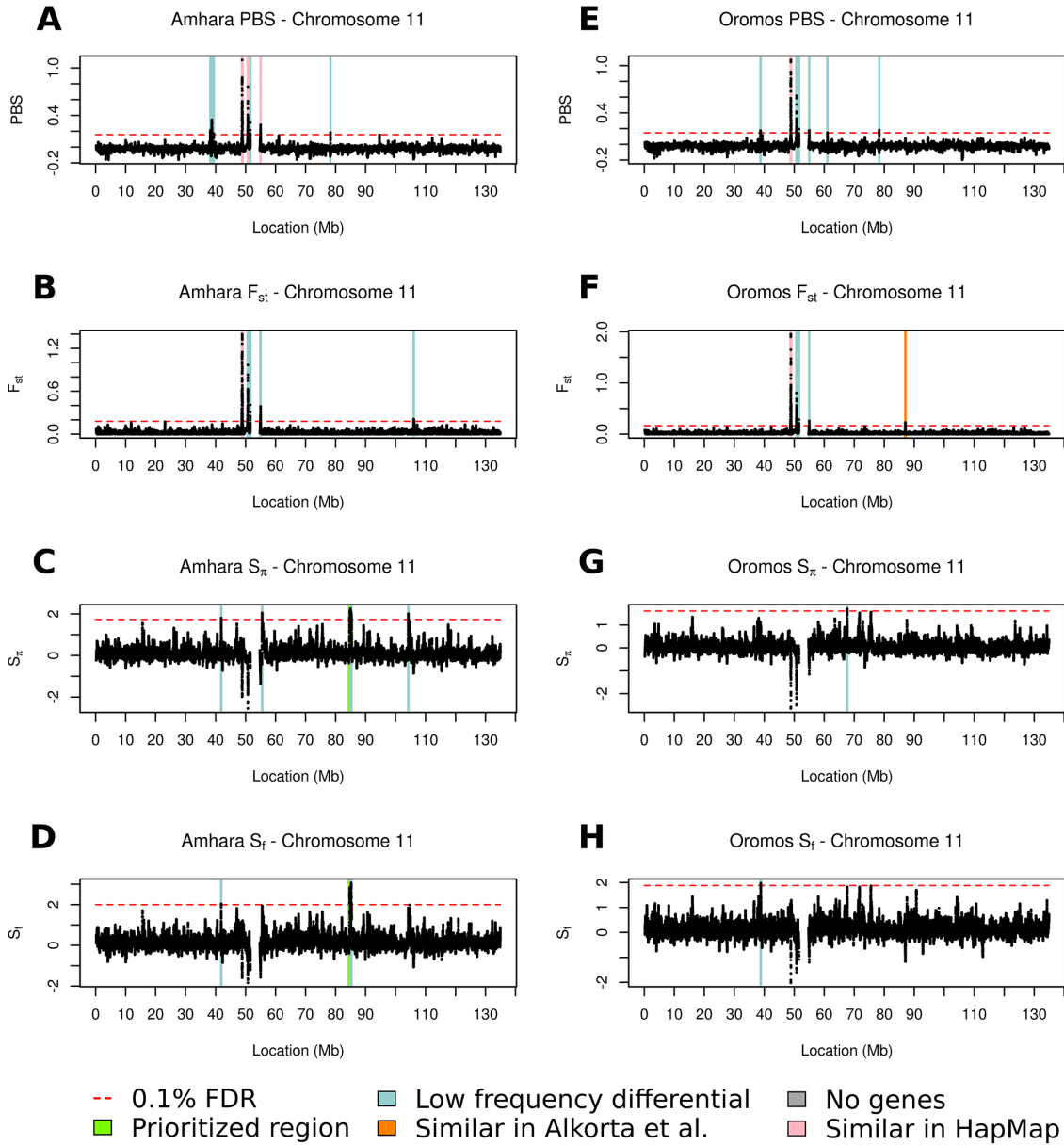 that passed all filters are shown in green. Specifically, the green region in the Oromos vs. LWK S_π and S_f statistics, position 34M, contains four genes (*UBE2R2, UBAP2, SNORD121B*, and *SNORD121A*) and has S_π and S_f values of 1.76 and 2.25, respectively.

Chromosome 10. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
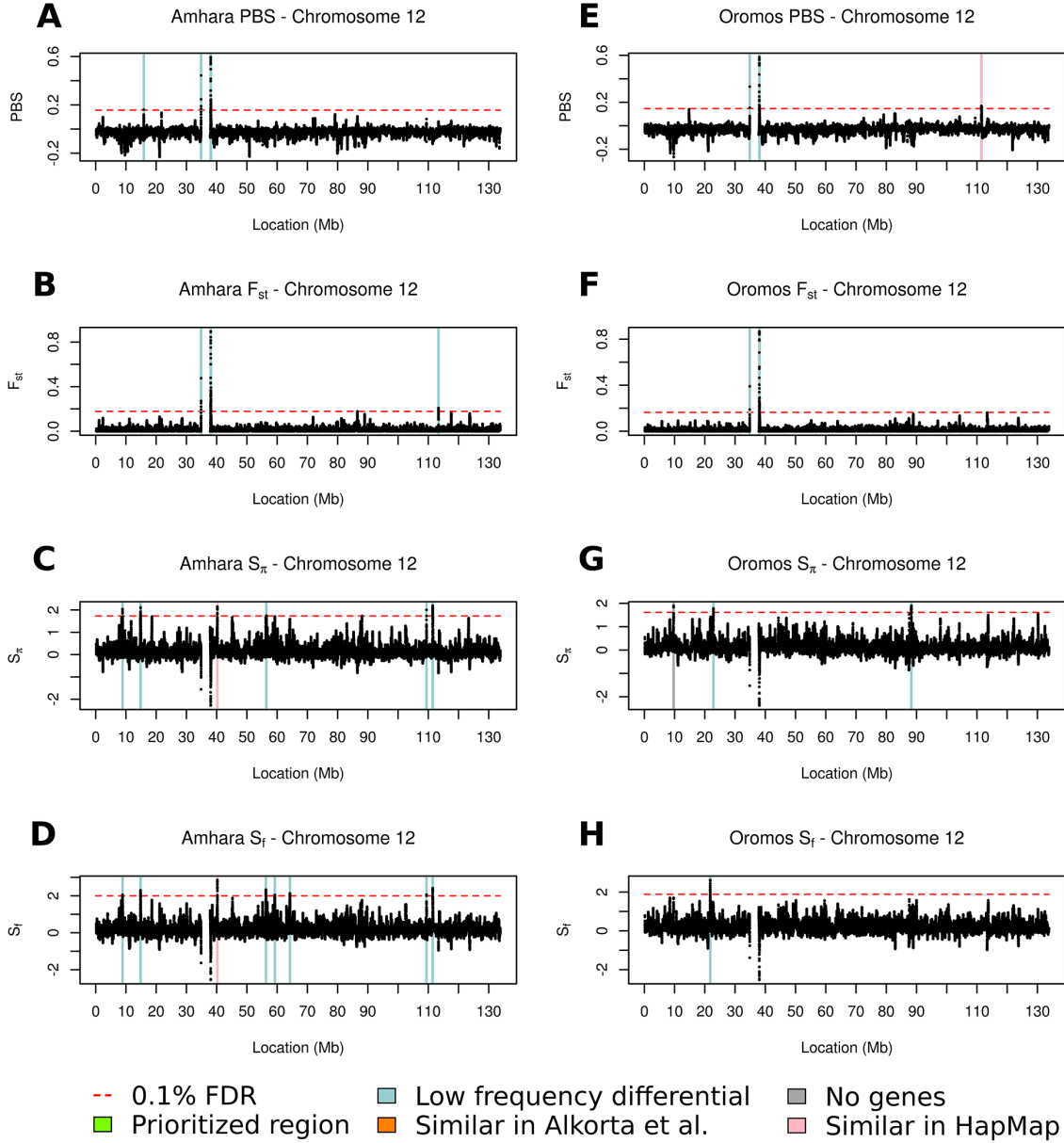
A Amhara PBS - Chromosome 11

E Oromos PBS - Chromosome 11

B Amhara F_{st} - Chromosome 11

F Oromos F_{st} - Chromosome 11

C Amhara S_π - Chromosome 11

G Oromos S_π - Chromosome 11

D Amhara S_f - Chromosome 11

H Oromos S_f - Chromosome 11

- - - 0.1% FDR   ▢ Low frequency differential   ▢ No genes
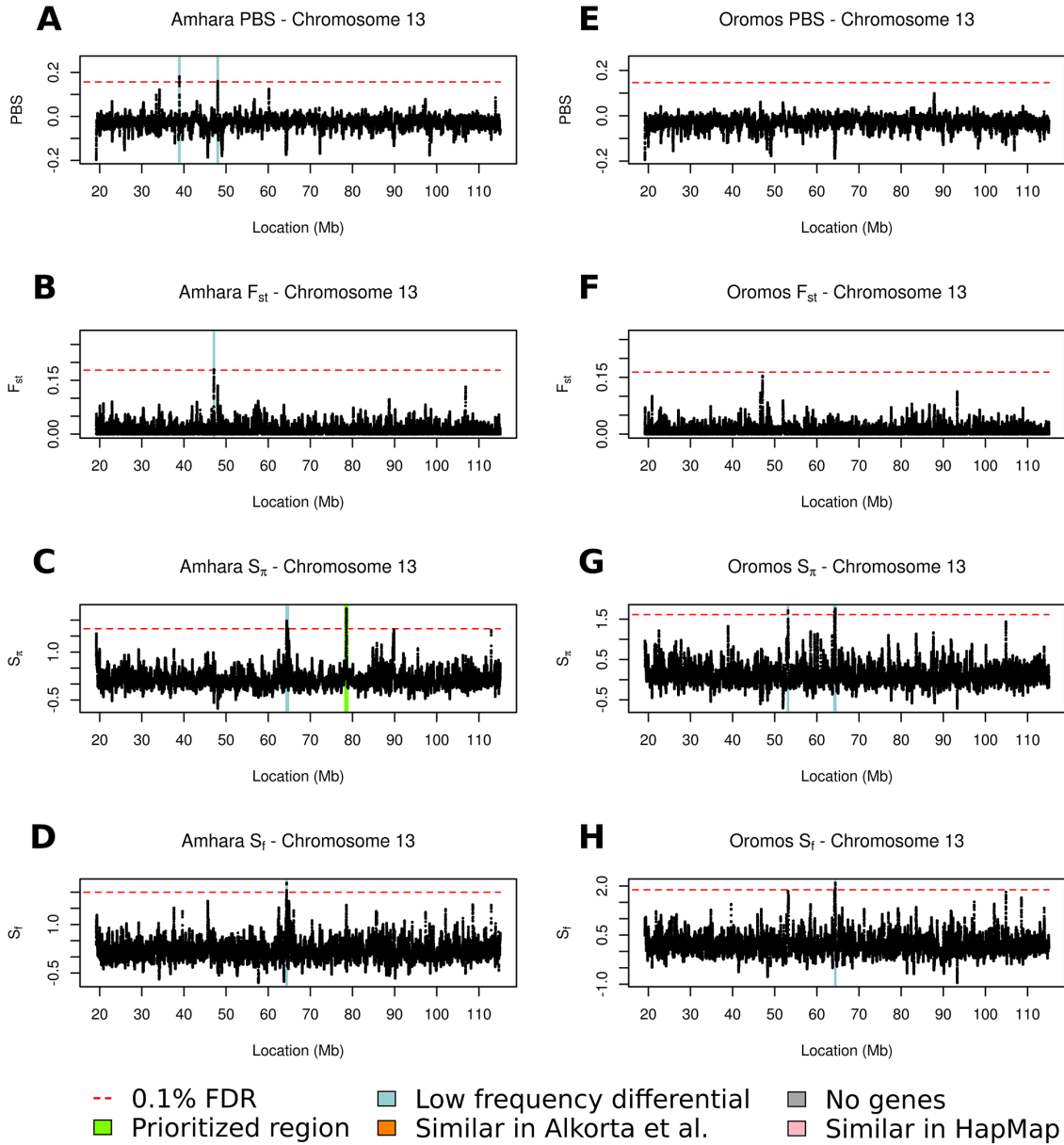▢ Prioritized region   ▢ Similar in Alkorta et al.   ▢ Similar in HapMap

Chromosome 11. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations.
The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters
that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all
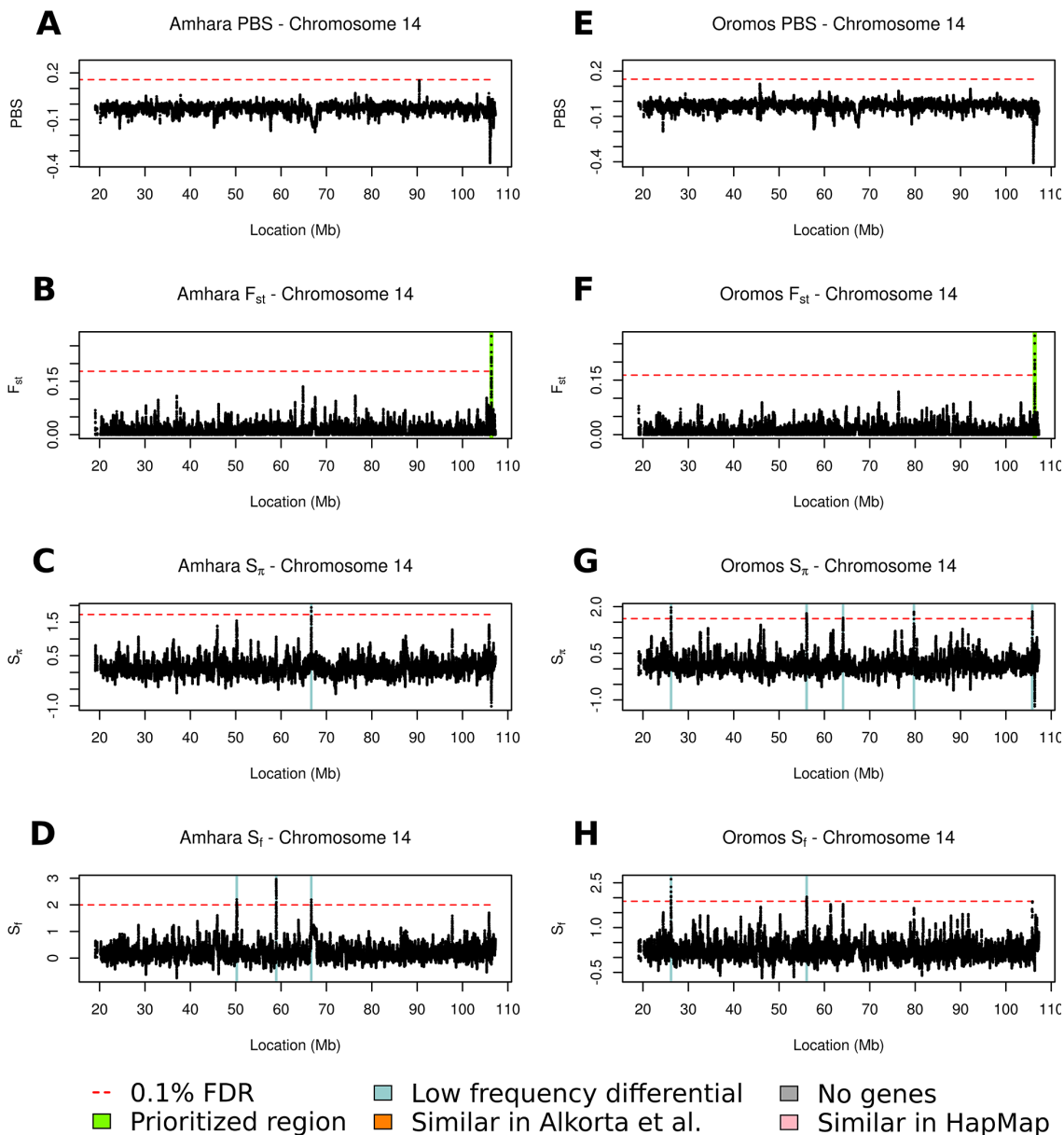filters are shown in green. Specifically, the green region in the Amhara vs. LWK S_π and S_f statistics,
position 84.7M, contains one gene (*DLG2*) and has S_π and S_f values of 2.16 and 2.85, respectively.

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Chromosome 12. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
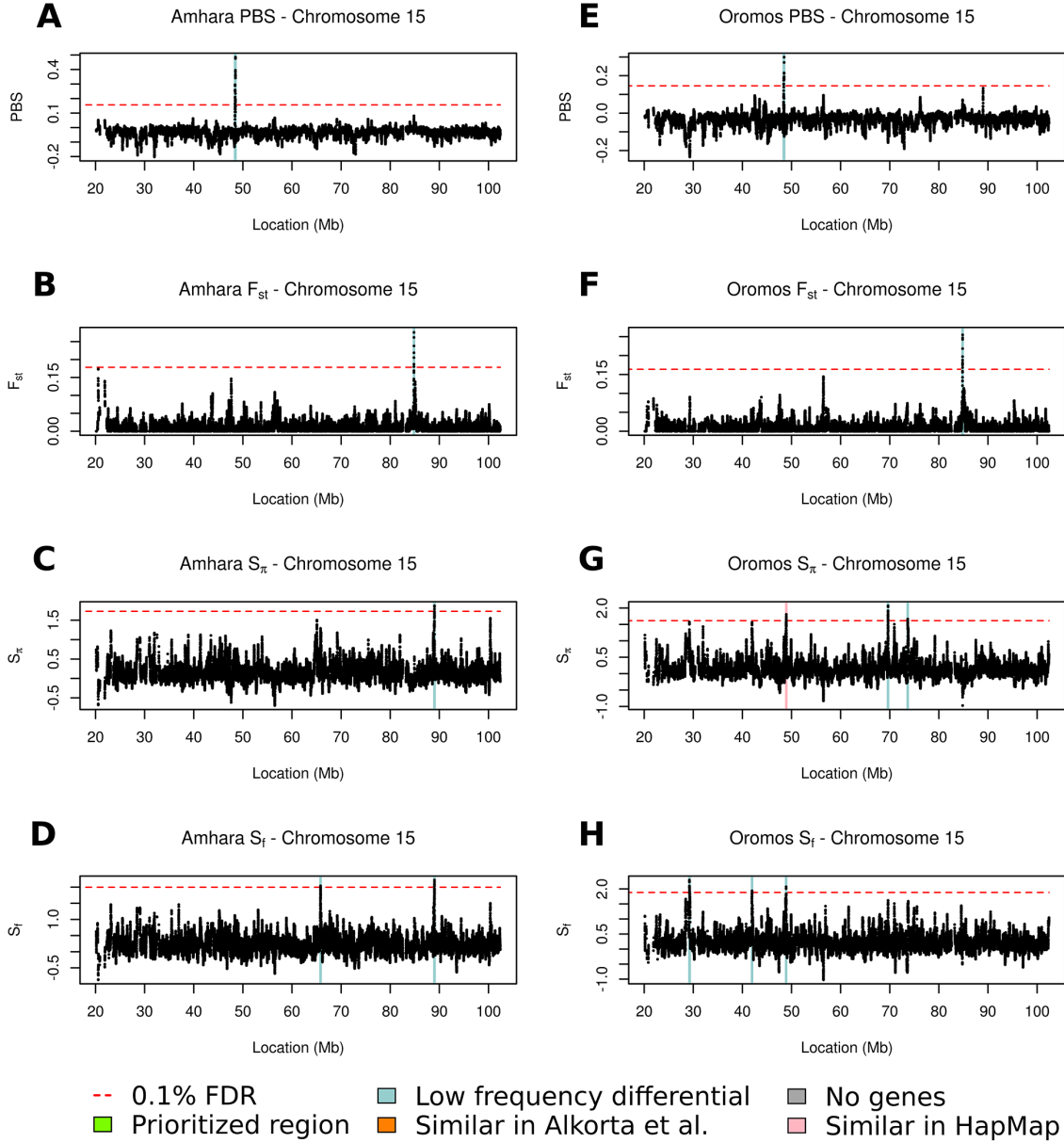
Chromosome 13. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green. Specifically, the green region in the Amhara vs. LWK S_π statistic, position 78.5M, contains one gene (*EDNRB*), and has S_π statistic value of 2.36.

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Chromosome 14. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that pass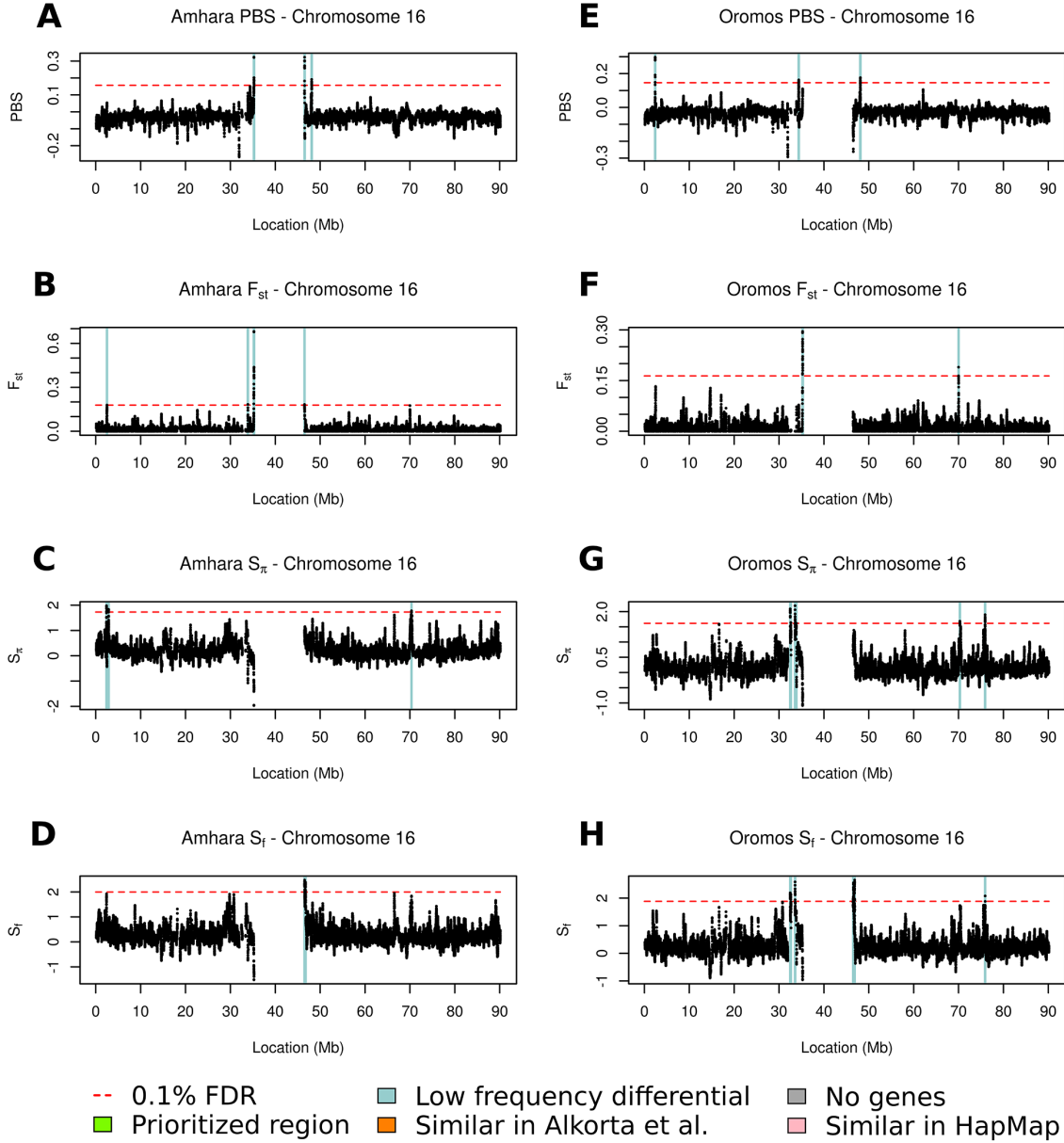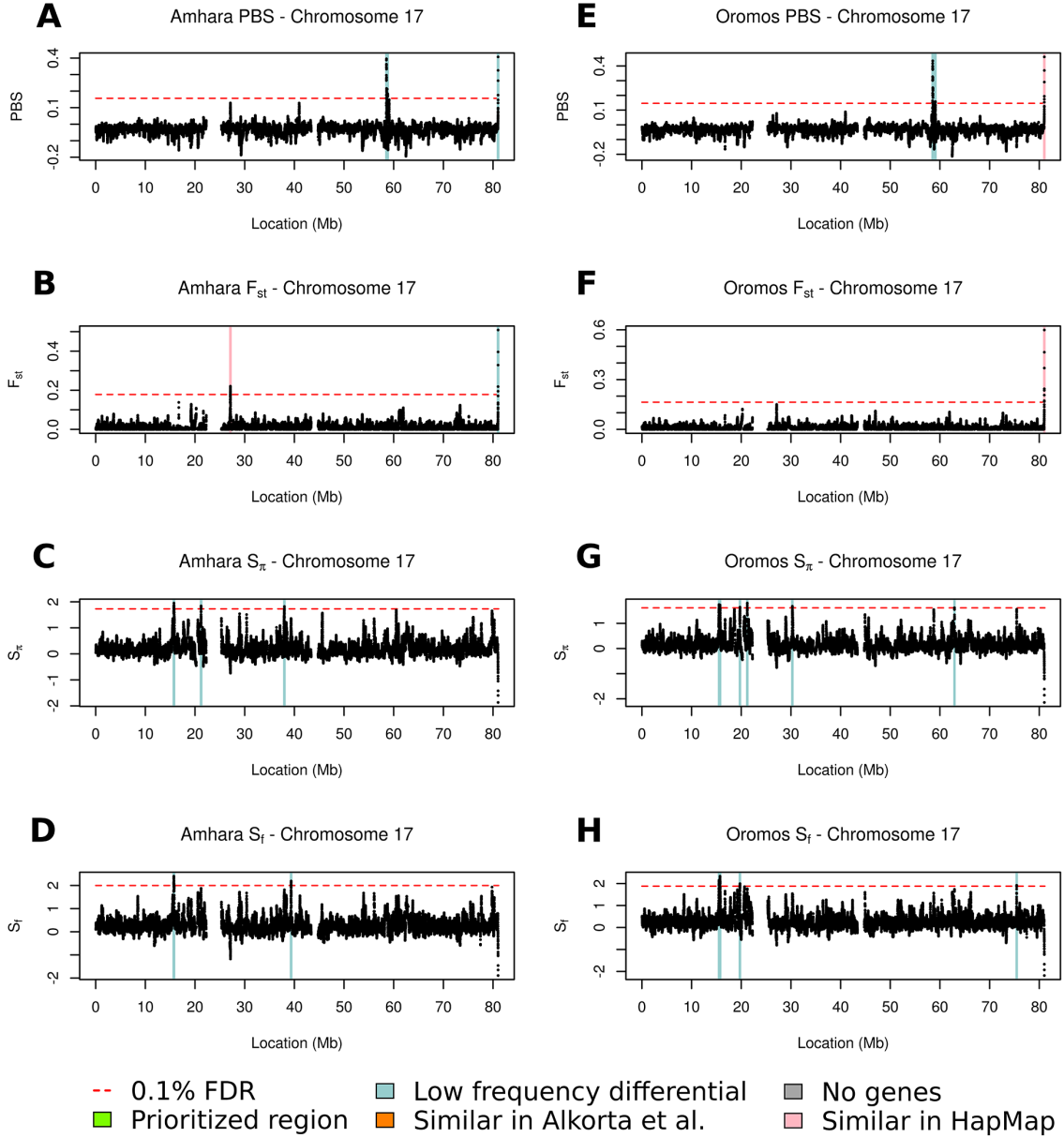ed all filters are shown in green. Specifically, the green region in the Amhara vs. LWK and Oromos vs. LWK F_{st} statistic, position 106.3M, contains one gene (*KIAA0125*), and has F_{st} statistic values of 0.28 and 0.27, respectively.

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Chromosome 15. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_{π} (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
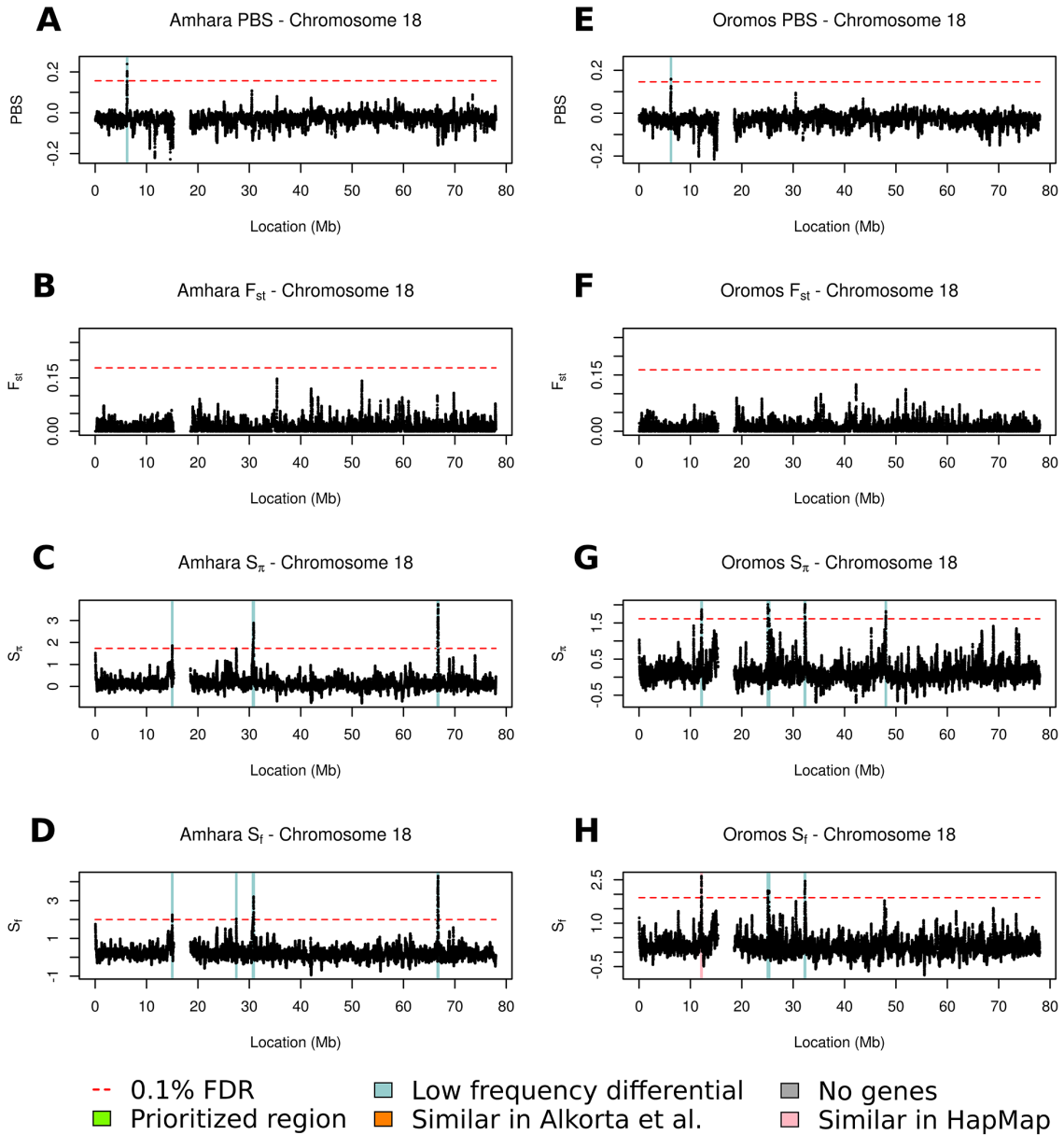
Chromosome 16. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.

Chromosome 17. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_{π} (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
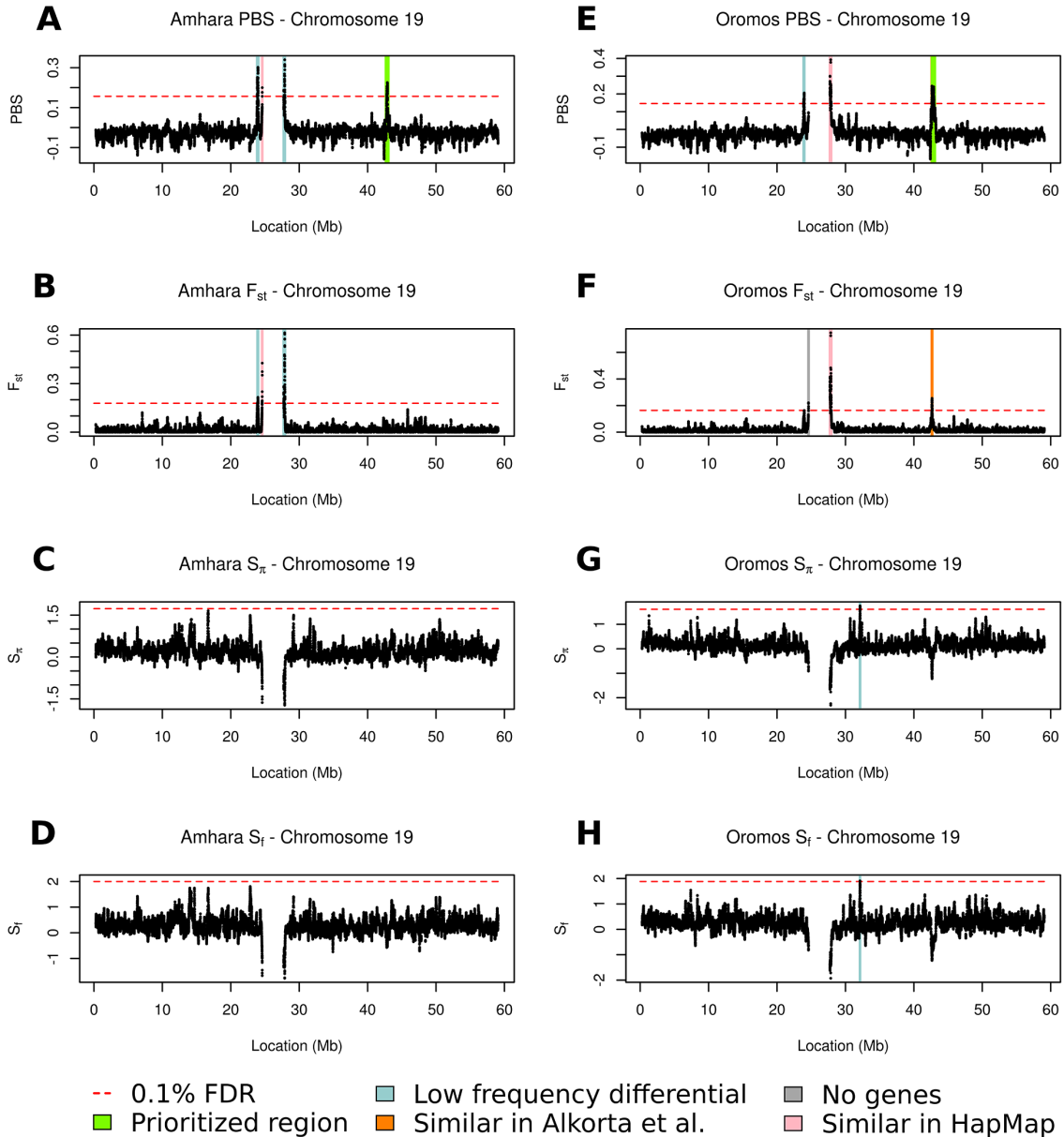
Chromosome 18. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
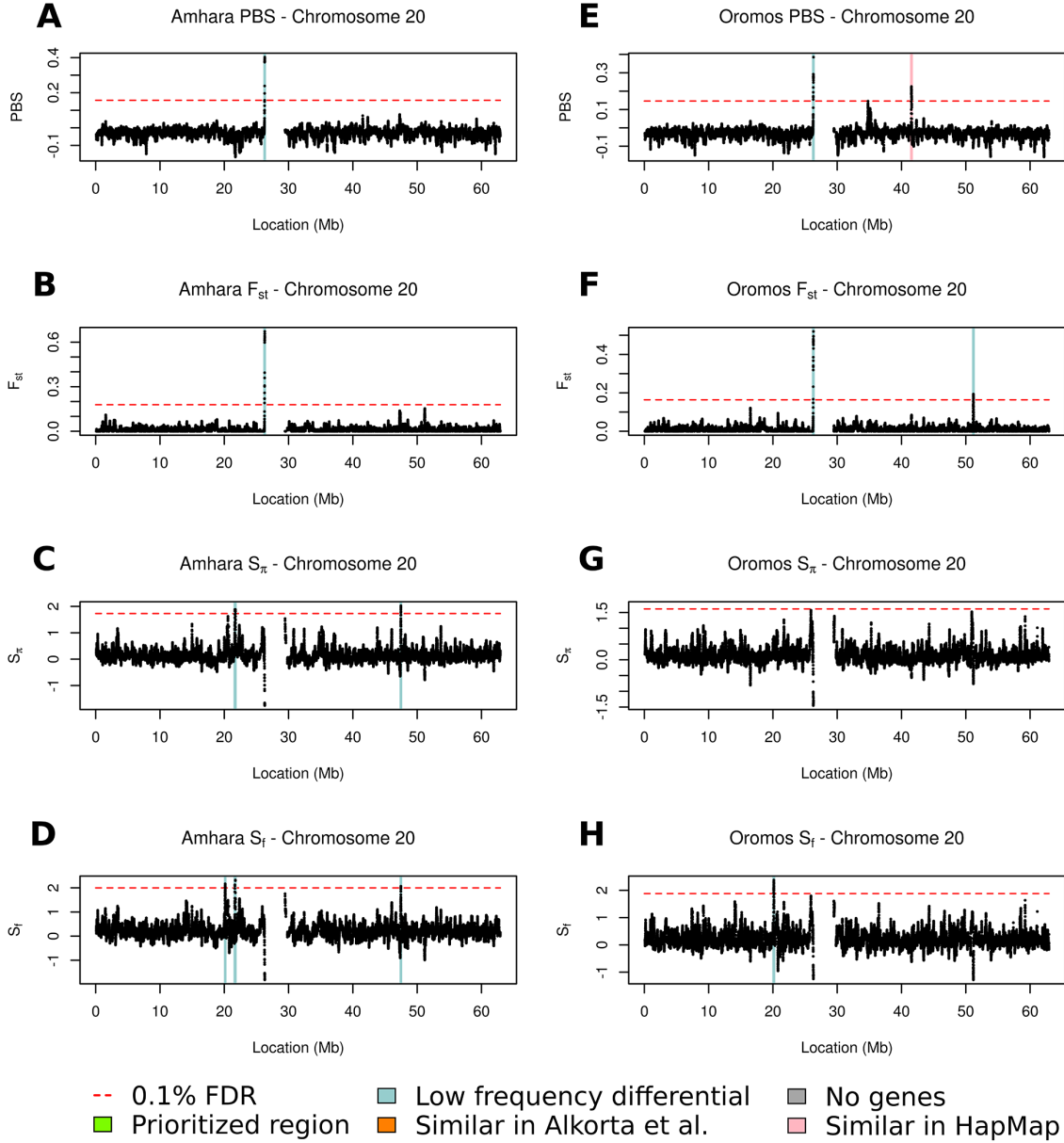
Chromosome 19. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FD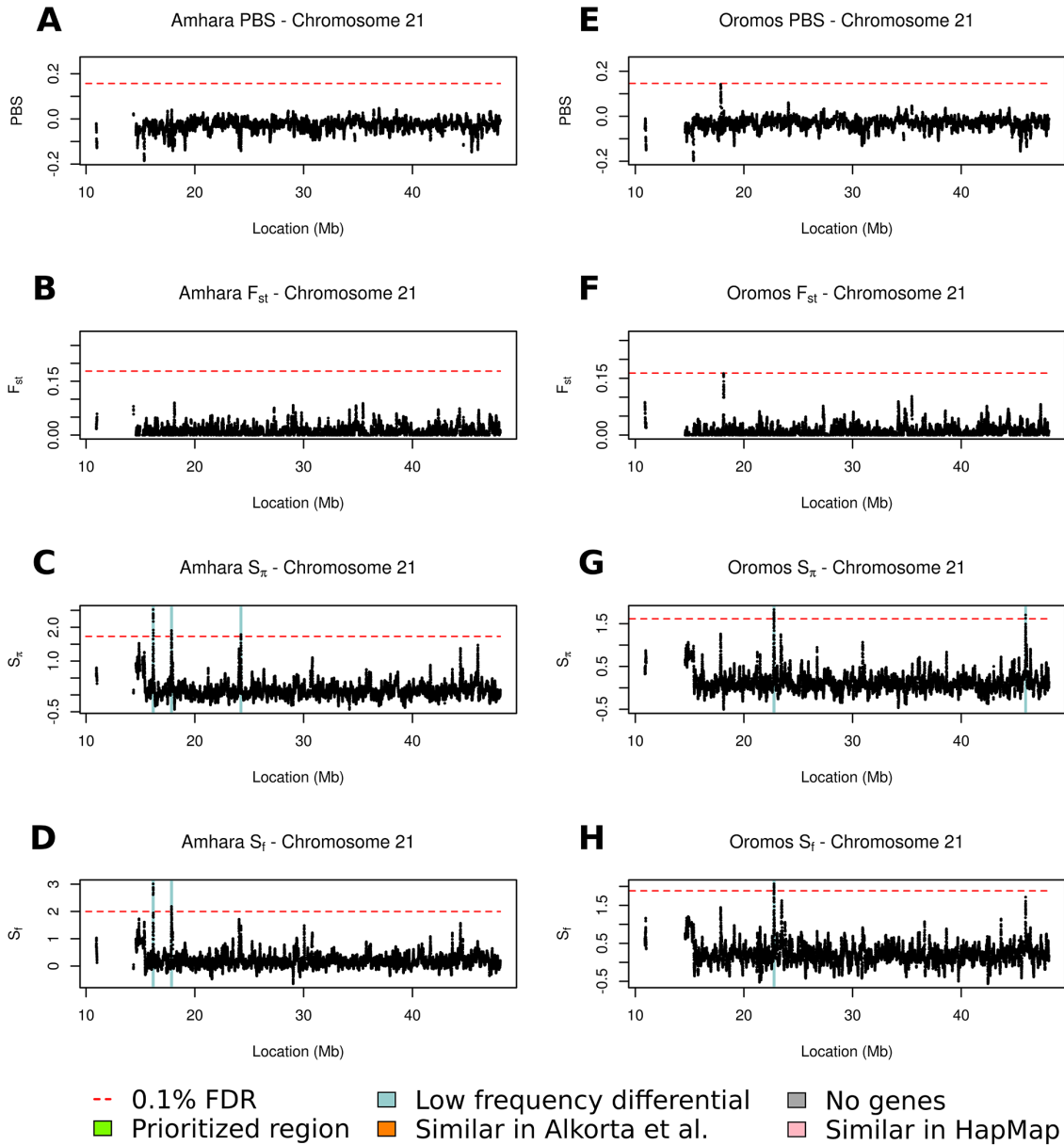R that passed all filters are shown in green. Specifically, the green region in both the Amhara vs. LWK and Oromos vs. LWK PBS statistic, position 42.74-42.97M, contains ten genes (*GSK3A*, *ERF*, *CIC*, *PAFAH1B3*, *PRR19*, *TMEM145*, *MEGF8*, *CNFN*, *LIPE*, and *CXCL17*), and has PBS statistic values of 0.226 and 0.24, respectively.

Chromosome 20. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
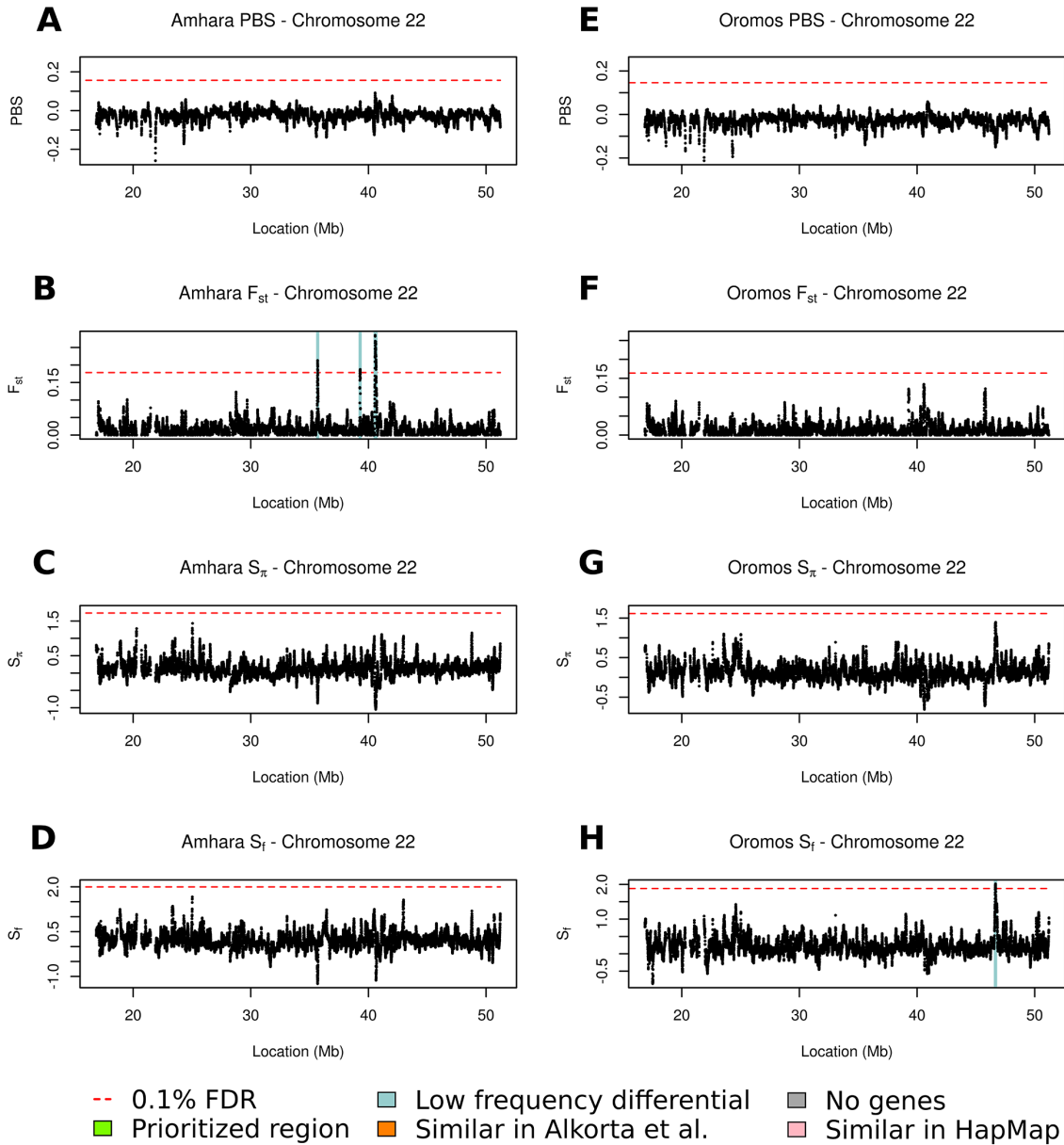
Chromosome 21. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.
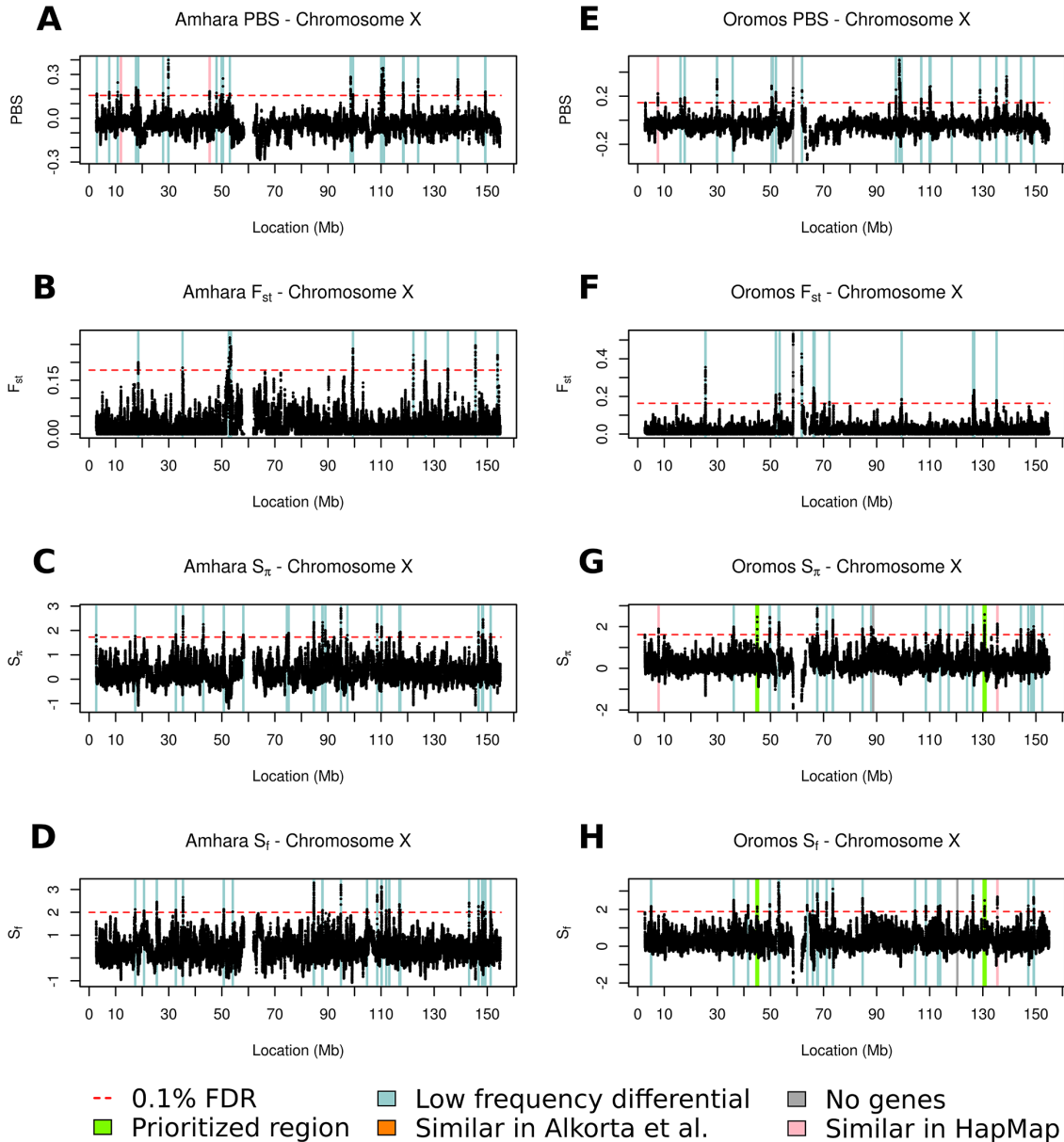
Chromosome 22. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations. The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four prioritization filters that were used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are shown in green.

A Amhara PBS - Chromosome X

E Oromos PBS - Chromosome X

B Amhara F_{st} - Chromosome X

F Oromos F_{st} - Chromosome X

C Amhara S_π - Chromosome X

G Oromos S_π - Chromosome X

D Amhara S_f - Chromosome X

H Oromos S_f - Chromosome X

-- 0.1% FDR   Low frequency differential   No genes
Prioritized region   Similar in Alkorta et al.   Similar in HapMap

Chromosome X. Test statistic values in the Amhara (A-D) and Oromos (E-H) populations.
The tests shown are PBS (A, E), F_{st} (B, F), S_π (C, G), and S_f (D, H). The four filters that were
used to shortlist the regions are color-coded. Regions above the 0.1% FDR that passed all filters are
shown in green. Specifically, the (left) green region in the Oromos vs. LWK S_π and S_f statistics, position
45.0M, contains one gene (*CXorf36*), and has S_π and S_f statistic values of 2.46 and 2.15, respectively. In
addition, the (right) green region in the Oromos vs. LWK S_π and S_f statistic, position 130M, contains
one gene (*OR13H1*), and has S_π and S_f statistic value of 2.58 and 2.49, respectively.

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