Supplementary Table 7

Haplotypes at the *CACNA1A* locus showing association with XFS surpassing *P* < 0.0005. The haplotypes were phased and derived from 2 marker, 3 marker, and 4 marker sliding windows across *CACNA1A*. All haplotypes in this manner are nearly perfectly tagged by the single SNP rs4926244, suggesting that the associations observed from the haplotype analysis could be driven by rs4926244.

Haplotype	Frequency in XFS cases	Frequency in controls	*P*-value	SNPS involved
single locus	0.29	0.25	5.5 x 10-5	rs4926244
AG	0.29	0.25	0.00027	rs16031|rs4926244
GC	0.29	0.25	0.00030	rs4926244|rs7251403
GAG	0.29	0.25	0.00027	rs2074879|rs16031|rs4926244
AGC	0.29	0.25	0.00027	rs16031|rs4926244|rs7251403
GCG	0.29	0.25	0.00027	rs4926244|rs7251403|rs7250783
CGAG	0.29	0.25	0.00021	rs8112821|rs2074879|rs16031|rs4926244
AAGC	0.29	0.25	0.00022	rs2302080|rs1990228|rs12611099|rs8112821
GAGC	0.29	0.25	0.00024	rs2074879|rs16031|rs4926244|rs7251403
AGCG	0.29	0.25	0.00027	rs16031|rs4926244|rs7251403|rs7250783
GCGG	0.29	0.25	0.00036	rs4926244|rs7251403|rs7250783|rs7249323