This sync file contains information for *Drosophila simulans* SNPs in chromosomes X, 2L, 2R, 3L, 3R, and 4. This file contains 86 columns. Columns 1-3 show chromosome arm, position and base. Nomenclature of the samples is as follows: for the founder population (columns 4-13) species\_population\_selectionRegime\_replicate: e.g. Dsim\_Fl\_Base\_4 and for the evolved populations (columns 14-73) species\_population\_selectionRegime\_generation\_replicate: e.g. Dsim\_Fl\_Hot\_F10\_1. Format specification of sync file is described in Kofler et al., PoPoolation2: identifying differentiation between populations using sequencing of pooled DNA samples (Pool-Seq). Bioinformatics 2011;27:3435-3436. See the main publication for additional information about data processing, SNP calling and filtering.

Column 74 shows the -log10-transformed *p*-values of CMH test using all 10 replicates. Columns 75-84 show the -log10-transformed *p*-values of Fisher’s exact test for replicate 1 to 10 respectively. ‘na’ specify SNPs with coverage or count of minor allele below the threshold. See the main publication for the parameters for CMH and Fisher’s exact test. Columns 85 and 86 show haplotype block ID for marker SNPs using correlation coefficient 0.75 and 0.35. Block ID is the same as ‘num’ in S1 Table in main publication. The block ID in each chromosome (X, 2, and 3) start from 1. Block IDs are continuous in the left and right arms of chromosome 2 and 3. For specifications of haplotype block reconstruction see the main publication.

Chromosome position base Dsim\_Fl\_Base\_1 Dsim\_Fl\_Base\_2 Dsim\_Fl\_Base\_3 Dsim\_Fl\_Base\_4 Dsim\_Fl\_Base\_5 Dsim\_Fl\_Base\_6 Dsim\_Fl\_Base\_7 Dsim\_Fl\_Base\_8 Dsim\_Fl\_Base\_9 Dsim\_Fl\_Base\_10 Dsim\_Fl\_Hot\_F10\_1 Dsim\_Fl\_Hot\_F10\_2 Dsim\_Fl\_Hot\_F10\_3 Dsim\_Fl\_Hot\_F10\_4 Dsim\_Fl\_Hot\_F10\_5 Dsim\_Fl\_Hot\_F10\_6 Dsim\_Fl\_Hot\_F10\_7 Dsim\_Fl\_Hot\_F10\_8 Dsim\_Fl\_Hot\_F10\_9 Dsim\_Fl\_Hot\_F10\_10 Dsim\_Fl\_Hot\_F20\_1 Dsim\_Fl\_Hot\_F20\_2 Dsim\_Fl\_Hot\_F20\_3 Dsim\_Fl\_Hot\_F20\_4 Dsim\_Fl\_Hot\_F20\_5 Dsim\_Fl\_Hot\_F20\_6 Dsim\_Fl\_Hot\_F20\_7 Dsim\_Fl\_Hot\_F20\_8 Dsim\_Fl\_Hot\_F20\_9 Dsim\_Fl\_Hot\_F20\_10 Dsim\_Fl\_Hot\_F30\_1 Dsim\_Fl\_Hot\_F30\_2 Dsim\_Fl\_Hot\_F30\_3 Dsim\_Fl\_Hot\_F30\_4 Dsim\_Fl\_Hot\_F30\_5 Dsim\_Fl\_Hot\_F30\_6 Dsim\_Fl\_Hot\_F30\_7 Dsim\_Fl\_Hot\_F30\_8 Dsim\_Fl\_Hot\_F30\_9 Dsim\_Fl\_Hot\_F30\_10 Dsim\_Fl\_Hot\_F40\_1 Dsim\_Fl\_Hot\_F40\_2 Dsim\_Fl\_Hot\_F40\_3 Dsim\_Fl\_Hot\_F40\_4 Dsim\_Fl\_Hot\_F40\_5 Dsim\_Fl\_Hot\_F40\_6 Dsim\_Fl\_Hot\_F40\_7 Dsim\_Fl\_Hot\_F40\_8 Dsim\_Fl\_Hot\_F40\_9 Dsim\_Fl\_Hot\_F40\_10 Dsim\_Fl\_Hot\_F50\_1 Dsim\_Fl\_Hot\_F50\_2 Dsim\_Fl\_Hot\_F50\_3 Dsim\_Fl\_Hot\_F50\_4 Dsim\_Fl\_Hot\_F50\_5 Dsim\_Fl\_Hot\_F50\_6 Dsim\_Fl\_Hot\_F50\_7 Dsim\_Fl\_Hot\_F50\_8 Dsim\_Fl\_Hot\_F50\_9 Dsim\_Fl\_Hot\_F50\_10 Dsim\_Fl\_Hot\_F60\_1 Dsim\_Fl\_Hot\_F60\_2 Dsim\_Fl\_Hot\_F60\_3 Dsim\_Fl\_Hot\_F60\_4 Dsim\_Fl\_Hot\_F60\_5 Dsim\_Fl\_Hot\_F60\_6 Dsim\_Fl\_Hot\_F60\_7 Dsim\_Fl\_Hot\_F60\_8 Dsim\_Fl\_Hot\_F60\_9 Dsim\_Fl\_Hot\_F60\_10 -log10(pvalue)\_CMH -log10(p-value)\_FET\_rep1 -log10(p-value)\_FET\_rep2 -log10(p-value)\_FET\_rep3 -log10(p-value)\_FET\_rep4 -log10(p-value)\_FET\_rep5 -log10(p-value)\_FET\_rep6 -log10(p-value)\_FET\_rep7 -log10(p-value)\_FET\_rep8 -log10(p-value)\_FET\_rep9 -log10(p-value)\_FET\_rep10 blockID\_0.75cor blockID\_0.35cor