

Supplement to Nair et al..

Localization of Psoriasis Susceptibility Locus PSORS1 to a 60 Kilobase Interval Telomeric to HLA-C.

TDT Pseudo-Support Intervals as a Function of Haplotype Window Length (Primary and Expanded Samples) ^a

Primary Sample (339 Families)

| Haplotype length | Centromeric end | Telomeric end | Length (kb) | Center (kb) |
|------------------|-----------------|-----------------|-------------|-------------|
| 1 | M6S166 (1909.4) | M6S161 (2212.1) | 302.7 | 2060.8 |
| 2 | M6S166 (1909.4) | M6S181 (2258.9) | 349.5 | 2084.2 |
| 3 | TNFB (1725.6) | M6S159 (2220.2) | 494.6 | 1972.9 |
| 4 | D6S273 (1577.3) | M6S187 (2307.7) | 730.4 | 1942.5 |
| 5 | M6S139 (1102.2) | M6S164 (2376.1) | 1273.9 | 1739.2 |

Expanded Sample (478 Families)

| Haplotype length | Centromeric end | Telomeric end | Length (kb) | Center (kb) |
|------------------|-----------------|-----------------|-------------|-------------|
| 1 | M6S166 (1909.4) | M6S161 (2212.1) | 302.7 | 2060.8 |
| 2 | M6S167 (2048.5) | M6S161 (2212.1) | 163.6 | 2130.3 |
| 3 | M6S167 (2048.5) | M6S159 (2220.2) | 171.7 | 2134.4 |
| 4 | M6S105 (2050.0) | M6S159 (2220.2) | 170.2 | 2135.1 |
| 5 | D6S273 (1577.3) | M6S224 (2236.5) | 659.2 | 1906.9 |

^a Analysis was repeated 15 times using different seeds for random selection of trios from extended and nuclear pedigrees. For each haplotype window, the analysis giving the median p value by the multiallelic TDT test was chosen.