



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

**Table 2 (Web supplement). Haplotype clusters (expanded sample), and their transmission to affected offspring <sup>a</sup>**

Cluster	NF <sup>b</sup>	D	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	T:NT (% T)	p-value <sup>c</sup>	
		6	6	6	6	<b>H</b>	6	6	<b>H</b>	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
		S	S	T	S	M	S	<b>L</b>	S	S	<b>L</b>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
		2	1	N	1	I	1	<b>A</b>	1	1	<b>A</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		7	2	F	2	C	6	0	5	6	0	6	7	0	7	7	4	4	1	6	0	9	9	6	6	5	6	2	7	8	8	6	6	6	0				
		3	4	B	5	A	6	<b>B</b>	1	1	<b>C</b>	7	5	8	8	2	2	6	5	3	1	9	0	8	0	1	0	9	2	4	9	1	7	4	3	5	1		
17	38	4	5	2	3	4	3	<b>65</b>	5	2	<b>8</b>	<i>13</i>	3	2	3	6	1	3	1	1	9	2	4	3	8	3	<i>10</i>	4	16	-	1	2	6	3	6	2	<i>21</i>	21:10 (67.7)	0.048
18	9	5	-	<i>11</i>	6	4	8	<b>45</b>	16	3	<b>6</b>	-	3	2	3	6	1	3	1	1	4	4	6	4	3	2	2	2	4	<i>20</i>	1	2	6	5	12	3	-	4:2 (66.7)	—
19	31	2	5	5	3	4	6	-	16	3	<b>6</b>	9	3	2	3	6	1	3	1	1	9	3	4	3	1	2	2	2	4	8	2	1	4	2	5	3	9	16:5 (76.2)	0.016
20	5	4	-	10	8	3	<i>13</i>	nd	15	3	nd	<i>17</i>	3	2	3	6	1	3	1	1	9	2	4	3	1	2	2	2	4	-	1	2	6	3	7	6	5	3:1 (75.0)	—
21	98	3	5	7	7	3	5	<b>13</b>	16	3	<b>6</b>	<i>15</i>	3	2	3	6	1	3	1	1	9	2	4	3	1	2	2	2	4	<i>16</i>	1	2	7	8	9	3	3	49:21 (70.0)	0.00082
22	31	3	5	7	7	3	5	<b>13</b>	16	3	<b>6</b>	<i>15</i>	3	2	3	6	1	3	1	1	9	2	4	3	1	2	2	2	4	-	1	2	4	-	<i>12</i>	-	15:10 (60.0)	0.32	
23	45	6	5	9	9	3	10	<b>37</b>	<i>15</i>	3	<b>6</b>	<i>13</i>	3	2	3	6	1	3	1	1	8	2	4	3	1	2	2	2	4	<i>26</i>	1	2	4	5	12	8	5	22:9 (71.0)	0.020
24	5	5	9	6	4	2	11	nd	15	3	nd	<i>13</i>	3	2	3	6	1	3	1	1	8	2	4	3	1	2	2	2	4	<i>20</i>	1	2	4	5	12	8	5	2:2 (50.0)	—
25	178	6	12	2	12	5	9	<b>57</b>	15	3	<b>6</b>	<i>13</i>	3	2	3	6	1	3	1	1	8	2	4	3	1	2	2	2	4	<i>20</i>	1	2	4	5	12	8	5	104:27 (79.4)	1.7 × 10 <sup>-11</sup>
26	198	8	3	2	16	3	12	<b>8</b>	7	3	<b>7</b>	<i>15</i>	3	5	3	6	1	3	1	1	10	2	4	3	6	2	1	2	4	1	1	2	7	2	6	3	<i>16</i>	53:64 (45.3)	0.31
27	17	6	5	4	4	3	15	<b>44</b>	9	2	<b>7</b>	8	3	1	3	6	4	1	2	2	7	2	5	3	4	16	10	1	13	<i>31</i>	1	2	7	5	<i>13</i>	1	-	5:7 (41.7)	0.56
28	5	6	-	<i>11</i>	<i>19</i>	3	4	<b>7</b>	10	2	<b>15</b>	8	3	1	3	6	5	1	1	2	5	2	5	3	5	2	2	2	4	<i>23</i>	2	2	4	6	9	3	-	2:2 (50.0)	—
29	6	6	9	4	4	3	15	<b>44</b>	8	2	-	8	3	1	3	6	4	1	2	2	8	2	5	3	7	2	2	2	4	14	2	1	6	3	8	3	-	1:3 (25.0)	—
30	39	5	5	5	<i>12</i>	5	13	<b>35</b>	<i>19</i>	2	<b>4</b>	10	3	1	3	6	5	2	2	2	2	4	4	3	6	14	8	4	1	19	1	1	6	2	6	1	<i>10</i>	10:16 (38.5)	0.24
31	17	6	10	2	10	5	14	<b>35</b>	<i>17</i>	2	<b>4</b>	10	3	1	3	6	5	2	2	2	2	4	4	3	7	16	9	4	1	<i>19</i>	1	1	8	2	6	1	<i>13</i>	6:5 (54.5)	0.76
32	17	6	<i>10</i>	2	9	5	13	<b>35</b>	<i>16</i>	2	<b>4</b>	10	3	1	3	6	5	2	2	2	2	4	4	3	6	14	9	4	1	<i>19</i>	1	1	7	2	6	1	<i>13</i>	6:7 (46.2)	0.78
33	5	4	5	6	3	4	11	<b>35</b>	<i>15</i>	2	<b>4</b>	10	3	1	3	6	5	2	2	2	2	4	4	3	6	14	10	4	1	<i>19</i>	1	1	6	5	<i>12</i>	8	5	2:2 (50.0)	—

<sup>a</sup> The table displays all 34 markers subjected to long haplotype clustering, in centromeric to telomeric order from left to right. Corneodesmosin is located in RH2, between markers M6S190 and M6S161 Dashes (-) indicate that no allele occurred in > 50% of the founder haplotypes comprising the cluster. *Italicized numbers* indicate that the allele shown occurred in 50 - 80% of the founder haplotypes comprising the cluster. Non-italicized numbers indicate that the allele shown occurred in > 80% of the founder haplotypes comprising the cluster.

<sup>b</sup> Number of founder haplotypes in cluster.

<sup>c</sup> Biallelic TDT p value computed only when T+NT ≥10.



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**Table 2 (Web supplement). Haplotype clusters (expanded sample), and their transmission to affected offspring<sup>a</sup>**

Cluster	NF <sup>b</sup>	D 6 S 2 7 3	M 6 S 1 2 4	M T N F B	M S 1 I A	M S 1 I A	M H L A B	M 6 S 1 A B	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	M 6 S 1 A C	T:NT (% T)	p-value <sup>c</sup>		
52	19	5	4	6	3	2	1	<b>62</b>	9	2	<b>3</b>	13	3	11	7	6	7	2	2	4	2	1	6	3	2	2	2	2	4	17	2	1	6	2	6	8	-	6:9 (40.0)	0.44
53	6	4	<i>14</i>	10	6	1	10	<b>55</b>	9	2	<b>3</b>	-	3	9	7	6	-	2	2	4	2	1	6	3	8	2	2	2	4	11	2	1	7	2	6	7	6	2:2 (50.0)	—
54	24	<i>4</i>	-	10	6	1	10	<b>55</b>	9	2	<b>3</b>	13	3	9	7	6	7	2	2	4	2	1	6	3	8	2	2	2	4	11	2	1	8	2	6	2	-	11:11 (50.0)	1.00
55	6	4	4	2	10	2	1	<b>62</b>	9	2	<b>3</b>	-	3	9	7	6	-	2	2	2	8	2	5	3	7	2	2	2	4	14	2	1	6	5	12	8	6	2:3 (40.0)	—
56	47	4	4	7	7	4	5	<b>44</b>	3	2	<b>16</b>	<i>15</i>	3	9	6	6	5	2	2	4	2	1	5	3	6	2	1	2	3	20	2	1	6	3	3	3	5	19:22 (46.3)	0.64
57	8	3	4	7	14	4	1	-	-	3	<b>2</b>	<i>1</i>	7	1	4	6	3	1	1	1	2	4	5	4	7	15	<i>11</i>	4	1	-	1	2	6	1	4	4	-	1:3 (25.0)	—
58	25	4	4	7	7	4	5	<b>44</b>	11	2	<b>4</b>	8	7	1	3	6	5	2	1	1	4	4	6	4	6	6	8	4	16	<i>18</i>	1	2	5	2	6	3	<i>15</i>	8:11 (42.1)	0.49
59	13	<i>5</i>	<i>4</i>	<i>6</i>	<i>4</i>	4	11	<b>51</b>	10	2	<b>14</b>	20	4	2	4	6	1	3	1	1	6	2	5	4	5	11	8	4	22	-	1	2	4	2	6	<i>1</i>	<i>10</i>	3:5 (37.5)	—
60	6	6	12	13	4	4	1	<b>52</b>	13	2	<b>13</b>	6	4	1	5	1	6	2	1	1	8	2	2	4	4	11	4	4	19	19	1	2	7	5	13	8	5	3:2 (60.0)	—
61	11	2	6	4	3	2	3	<b>65</b>	6	2	<b>8</b>	8	7	13	1	1	1	3	1	1	5	2	5	4	4	14	6	4	17	13	1	2	6	5	12	-	-	2:6 (25.0)	—
62	16	6	5	4	4	3	-	<b>44</b>	5	2	<b>5</b>	8	3	<i>13</i>	7	3	3	1	1	1	2	4	5	4	8	13	-	4	1	-	1	2	6	2	6	-	-	4:8 (33.3)	0.25
63	55	5	9	6	3	3	15	<b>44</b>	4	2	<b>5</b>	10	3	<i>13</i>	7	3	3	1	1	1	2	4	5	4	8	13	<i>13</i>	4	1	-	1	2	4	2	6	1	<i>12</i>	16:27 (37.2)	0.093
64	20	5	-	10	<i>10</i>	<i>1</i>	<i>12</i>	<b>18</b>	14	3	-	2	3	13	7	2	3	1	2	5	9	5	5	3	9	17	9	4	13	<i>10</i>	1	2	6	2	8	3	<i>11</i>	6:7 (46.2)	0.78
65	6	6	9	13	4	5	3	<b>39</b>	14	3	<b>12</b>	2	3	<i>12</i>	7	2	3	1	2	6	9	5	5	3	8	-	8	4	16	-	1	2	6	2	8	3	-	2:4 (33.3)	—
66	39	5	9	10	<i>17</i>	5	3	<b>38</b>	14	3	<b>12</b>	2	3	12	7	2	3	1	2	6	9	5	5	3	8	<i>20</i>	8	4	16	8	1	2	6	2	6	8	-	15:15 (50.0)	1.00

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