HLA-A data (stress=7.391e−05)

NE-EUR
CW-EUR
SE-EUR
WASI
NAFR
USER

Nunes et al. (2014)
Tissue Antigens 83:307-323
|   | Population       | Sample Size |
|---|------------------|-------------|
| 1 | SouthAfricans    | 260         |
| 2 | Chaouya          | 74          |
| 3 | Metalsa          | 71          |
| 4 | Sudanese         | 230         |
| 5 | Austrians Oetztal | 57          |
| 6 | British Wales    | 1000        |
| 7 | Czechs           | 105         |
| 8 | Irish            | 999         |
| 9 | Finns            | 90          |
|10 | Russians Vologda  | 108         |
|11 | Croatians        | 150         |
|12 | Croatians        | 202         |
|13 | Greek Cypriots   | 101         |
|14 | Greeks           | 85          |
|15 | Greeks           | 144         |
|16 | Greeks           | 232         |
|17 | Kosovo Albanians | 120         |
|18 | Druzes           | 100         |
|19 | Georgians        | 105         |
|20 | Indians Golla    | 88          |
|21 | Indians New Delhi| 66          |
|22 | Israeli Jews     | 117         |
|23 | Kurdish          | 30          |
|24 | Omani            | 119         |
|25 | Pathans          | 36          |
|26 | Sindhi           | 39          |
|27 | Tamil            | 50          |
3D stress = 9.936e−05

NMDS1

NMDS2

NMDS3

Axis 1

Axis 2

Axis 3

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NMDS1

NMDS2

NMDS3

Axis 1

Axis 2

Axis 3
| Rank | Group               | N    |
|------|---------------------|------|
| 1    | South Africans [col] | 618  |
| 2    | Chaouya [16WS,p2]   | 73   |
| 3    | Motala [15WS,p13]   | 68   |
| 4    | Sudanese [16WS,p35] | 230  |
| 5    | British Wales [16WS,p27] | 1000 |
| 6    | Czechs [13WS,p32]   | 106  |
| 7    | Irish [13WS,p35]    | 1000 |
| 8    | Finns [13WS,p33]    | 90   |
| 9    | Russians Vologda [16WS,p15] | 108  |
| 10   | Croatians [13WS,p31] | 108  |
| 11   | Croatians [16WS,p37] | 202  |
| 12   | Greek Cypriots [12WS,p166] | 95   |
| 13   | Greeks [12WS,p34]   | 83   |
| 14   | Greeks [15WS,p12]   | 144  |
| 15   | Greeks [16WS,p44]   | 232  |
| 16   | Kosovo Albanians [16WS,p52] | 120  |
| 17   | Macedonians [15WS,p19] | 247  |
| 18   | Ashkenazi Jews [12WS,p116] | 40   |
| 19   | Druzes [13WS,p58]   | 100  |
| 20   | Georgians [13WS,p34] | 107  |
| 21   | Hunza Burushaski [12WS,p214] | 46   |
| 22   | Indians Golla [13WS,p63] | 104  |
| 23   | Indians New Dehli [13WS,p61] | 66   |
| 24   | Israeli Jews [13WS,p59] | 109  |
| 25   | Kurdish [13WS,p60]  | 29   |
| 26   | Libyan Jews [12WS,p153] | 40   |
| 27   | Morrocan Jews [12WS,p117] | 40   |
| 28   | Omans [13WS,p62]    | 120  |
| 29   | Pathans [12WS,p219] | 38   |
| 30   | Sindhi [12WS,p213]  | 39   |
| 31   | Tamil [13WS,p64]    | 49   |
3D stress = 0.1224

NMDS1 vs NMDS2

Axis 1 vs Axis 3

Axis 2 vs Axis 3

NMDS1 vs Axis 1

NMDS1 vs Axis 2

NMDS1 vs Axis 3

NMDS2 vs Axis 1

NMDS2 vs Axis 2

NMDS2 vs Axis 3

NMDS3 vs Axis 1

NMDS3 vs Axis 2

NMDS3 vs Axis 3

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HLA-C data (stress=8.573e−05)
|   | Population          | Sample Size |
|---|---------------------|-------------|
| 1 | South Africans [col] | N = 144     |
| 2 | Chaouya [16WS.p2]   | N = 72      |
| 3 | Metalsa [15WS.p13]  | N = 63      |
| 4 | Sudanese [16WS.p35] | N = 230     |
| 5 | British Wales [16WS.p27] | N = 1000 |
| 6 | Czechs [13WS.p32]   | N = 105     |
| 7 | French Montpellier [16WS.p36] | N = 2647 |
| 8 | Irish [13WS.p35]    | N = 1000    |
| 9 | Finns [13WS.p33]    | N = 90      |
| 10| Albanians [15WS.p20] | N = 145     |
| 11| Greeks [15WS.p12]   | N = 144     |
| 12| Greeks [16WS.p44]   | N = 232     |
| 13| Kosovo Albanians [16WS.p52] | N = 120 |
| 14| Macedonians [15WS.p19] | N = 250   |
| 15| Druzes [13WS.p58]   | N = 100     |
| 16| Georgians [13WS.p34] | N = 107     |
| 17| Hunza Burushaski [12WS.p214] | N = 46 |
| 18| Indians New Delhi [13WS.p61] | N = 56 |
| 19| Israeli Jews [13WS.p59] | N = 94 |
| 20| Kurdish [13WS.p60]  | N = 29      |
| 21| Pathans [12WS.p219] | N = 38      |
| 22| Sindhi [12WS.p213]  | N = 39      |
| 23| Tamil [13WS.p64]    | N = 48      |
1 South Africans [col] (N=108)
2 Chaouya [15WS.p2] (N=83)
3 Egyptian Copts [Other.psources] (N=40)
4 Metalsa [15WS.p13] (N=89)
5 Moroccans [13WS.p20] (N=98)
6 Tunisians [Other.psources] (N=97)
7 Belgians [12WS.p158] (N=40)
8 Czechs [13WS.p32] (N=105)
9 French [12WS.p229] (N=224)
10 Polish [12WS.p156] (N=99)
11 Portuguese [12WS.p65] (N=111)
12 Spanish [12WS.p104] (N=100)
13 Spanish [12WS.p82] (N=125)
14 Croatians [12WS.p19] (N=104)
15 Croatians [12WS.p20] (N=106)
16 Greeks [12WS.p165] (N=96)
17 Italians [12WS.p42] (N=93)
18 Italians [12WS.p45] (N=99)
19 Pomaki [12WS.p164] (N=100)
20 Sardinians [12WS.p46] (N=80)
21 Slovenians [13WS.p38] (N=100)
22 Punjabi [12WS.p38] (N=51)
23 Czech Gypsies [12WS.p23] (N=33)
3D stress = 0.06836
|   | Population  | Sample Size (N) |
|---|-------------|----------------|
| 1 | South Africans | 631 |
| 2 | Algerians | 100 |
| 3 | Algerians | 99 |
| 4 | Bedouins | 171 |
| 5 | Chaouya | 82 |
| 6 | Egyptian Copts | 40 |
| 7 | Egyptians Delta | 101 |
| 8 | Egyptians South | 94 |
| 9 | Gabes | 96 |
| 10 | Jerba | 55 |
| 11 | Matmata | 81 |
| 12 | Metalsa | 96 |
| 13 | Moroccans | 98 |
| 14 | Mzab | 107 |
| 15 | Sudanese | 230 |
| 16 | Tunisians Sene | 52 |
| 17 | Tunisians Tataouine | 52 |
| 18 | Belgians | 40 |
| 19 | British Wales | 1000 |
| 20 | Czechs | 35 |
| 21 | Czechs | 106 |
| 22 | French | 229 |
| 23 | French | 234 |
| 24 | French Montpellier | 1431 |
| 25 | Polish | 99 |
| 26 | Portuguese | 220 |
| 27 | Portuguese | 11 |
| 28 | Spanish | 100 |
| 29 | Spanish Basques | 158 |
| 30 | Finns BMD | 1528 |
| 31 | Albanians | 152 |
| 32 | Bulgarians | 119 |
| 33 | Croatians | 120 |
| 34 | Croatians | 102 |
| 35 | Croatians | 104 |
| 36 | Croatians | 139 |
| 37 | Croats | 202 |
| 38 | Greeks | 96 |
| 39 | Greeks | 144 |
| 40 | Greeks | 232 |
| 41 | Italians | 93 |
| 42 | Kosova Albanians | 120 |
| 43 | Macedonians | 218 |
| 44 | Pomaki | 164 |
| 45 | Sardinians | 80 |
| 46 | Slovenians | 100 |
| 47 | Slovenians | 142 |
| 48 | Punjabi | 42 |
| 49 | Turks | 245 |
| 50 | Czech Gypsies | 33 |
3D stress = 0.1173
| 1 | SouthAfricans [col] (N=2274) |
| 2 | Algerians [13WS,p17] (N=99)  |
| 3 | Algerians Oran [15WS,p1] (N=97) |
| 4 | Chaouya [15WS,p2] (N=99)     |
| 5 | Egyptian Copts [Other,psources] (N=40) |
| 6 | Jerba [Other,psources] (N=55) |
| 7 | Matmata [Other,psources] (N=81) |
| 8 | Metalsa [15WS,p13] (N=96)    |
| 9 | Moroccans [13WS,p20] (N=98)  |
| 10 | Moroccans [13WS,p21] (N=91)  |
| 11 | Sudanese [16WS,p35] (N=230)  |
| 12 | Tunisians Sened [15WS,p3] (N=52) |
| 13 | Tunisians Tataouine [15WS,p4] (N=52) |
| 14 | British Wales [16WS,p27] (N=1000) |
| 15 | Czechs [12WS,p22] (N=36)     |
| 16 | Czechs [13WS,p32] (N=103)    |
| 17 | French [12WS,p61] (N=234)    |
| 18 | French Montpellier [16WS,p38] (N=3902) |
| 19 | Irish [13WS,p35] (N=1000)    |
| 20 | Polish [12WS,p156] (N=98)    |
| 21 | Spanish [12WS,p104] (N=100)  |
| 22 | Spanish [12WS,p82] (N=72)    |
| 23 | Finns [16WS,p42] (N=150)     |
| 24 | Russians Vologda [16WS,p15] (N=108) |
| 25 | Albanians [15WS,p20] (N=158) |
| 26 | Croatians [12WS,p19] (N=104) |
| 27 | Croatians [12WS,p21] (N=139) |
| 28 | Croatians [16WS,p37] (N=202) |
| 29 | Greeks [12WS,p165] (N=192)   |
| 30 | Greeks [15WS,p12] (N=144)    |
| 31 | Greeks [16WS,p44] (N=232)    |
| 32 | Italians [12WS,p45] (N=99)   |
| 33 | Kosovo Albanians [16WS,p52] (N=120) |
| 34 | Macedonians [15WS,p19] (N=566) |
| 35 | Pomaki [12WS,p164] (N=100)   |
| 36 | Romanians [12WS,p67] (N=99)  |
| 37 | Sardinians [12WS,p46] (N=80) |
| 38 | Slovenians [13WS,p36] (N=100) |
| 39 | Ashkenazi Jews [12WS,p116] (N=40) |
| 40 | Indians Golla [13WS,p63] (N=109) |
| 41 | Libanese [12WS,p145] (N=258) |
| 42 | Libyan Jews [12WS,p153] (N=40) |
| 43 | Moroccan Jews [12WS,p117] (N=40) |
| 44 | Turks [13WS,p65] (N=245)     |
| 45 | Czech Gypsies [12WS,p23] (N=33) |
3D stress = 0.1313

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