Supplemental Table 1
L1HS-45

	World n=160	Africa n=40	Europe n=40	Asia n=40	Americas n=40
S Total	53	16	16	18	12
Shared		6	3	5	4
Specific		10	13	13	8
$Hs=\theta_\Pi/S$(%)Total	1.58	5.88	5.29	5.26	5
Shared		15.68	28.23	18.94	15
Specific		9.41	6.52	7.29	7.5
$\pi \pm SD$	0.005±0.004	0.005±0.004	0.005±0.004	0.005±0.004	0.003±0.003
$\theta_\Pi \pm SD$	0.835±0.662	0.941±0.732	0.847±0.681	0.947±0.736	0.6±0.542
$\theta_s \pm SD$	9.382±2.425	3.762±1.405	3.762±1.405	4.232±1.544	2.821±1.124
D (Tajima)	-2.78	-2.41	-2.49	-2.54	-2.43
	-0.134	-0.098	-0.078	-0.06	-0.07
	P=0.001	P=0.001	P=0.001	P=0.001	P=0.001
Fu and Li's D	-8.923	-4.375	-4.575	-4.743	-4.643
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02
Fu and Li's F	-7.561	-4.41	-4.588	-4.735	-4.62
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02

Distance method: Pairwise difference

	Africa	Asia	Europe
Asia	0.00081		
Europe	0.00503	0.00146	
America	0.00015	-0.00177	0.00183

* P value ≤ 0.5

AMOVA
%of variation among populations   0.14
%of variation within populations   99.86

Supplemental Table 2
L1HS-241

	World n=160	Africa n=40	Europe n=40	Asia n=40	Americas n=40
S Total	45	19	8	11	13
Shared		3	2	3	4
Specific		16	6	8	9
$Hs=\theta_{\Pi}/S(\%)$Total	1.50	5.24	4.96	5.43	5.36
Shared		33.2	19.85	19.90	17.43
Specific		6.23	6.62	7.46	7.74
$\pi \pm SD$	0.003±0.003	0.005±0.004	0.002±0.002	0.003+/-0.003	0.003± 0.003
$\theta_{\Pi} \pm SD$	0.673±0.574	0.996±0.762	0.397±0.420	0.597±0.541	0.697±0.599
$\theta_s \pm SD$	7.966±2.107	4.467±1.614	1.881±0.835	2.586±1.0524	3.056±1.195
D (Tajima)	-2.754	-2.55	-2.25	-2.33	-2.41
	-0.02756	-0.119	-0.066	-0.065	-0.073
	P=0.001	P=0.001	P=0.001	P=0.001	P=0.001
Fu and Li's D	-8.63	-4.743	-3.751	-3.991	-4.26
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02
Fu and Li's F	-7.388	-4.736	-3.79	-4.067	-4.308
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02

Population pairwise FSTs

Distance method: Pairwise difference

	Africa	Asia	Europe
Asia	0.00167		
Europe	0.00191	0.00513	
America	0.0023	-0.00184	0.00239

* P value ≤ 0.5

AMOVA
%of variation among populations   0.18
%of variation within populations   99.82

Supplemental Table 3
L1HS-377

	World n=160	Africa n=40	Europe n=40	Asia n=40	Americas n=40
S Total	98	31	28	32	29
Shared		10	11	8	8
Specific		21	17	24	21
$Hs=\theta_\Pi/S(\%)$ Total	2.54	9.14	7.50	8.17	6.1
Shared		28.33	19.08	32.66	22.1
Specific		13.49	12.35	10.89	8.42
$\pi \pm SD$	0.006±0.004	0.007±0.004	0.005±0.003	0.006±0.004	0.004±0.003
$\theta_\Pi \pm SD$	2.490±1.495	2.833±1.695	2.099±1.329	2.613±1.585	1.768±1.162
$\theta_s \pm SD$	17.347±4.197	7.288±2.437	6.583±2.232	7.523±2.505	6.818±2.300
D (Tajima)	-2.699	-2.11	-2.33	-2.26	-2.54
	-0.11539 P=0.001	-0.187 P=0.005	-0.065 P=0.001	-0.104 P=0.002	-0.156 P=0.001
Fu and Li's D	-9.4 P=0.02	-4.453 P=0.02	-4.517 P=0.02	-4.39 P=0.02	-4.778 P=0.02
Fu and Li's F	-7.65 P=0.02	-4.328 P=0.02	-4.479 P=0.02	-4.322 P=0.02	-4.753 P=0.02

Population pairwise FSTs
Distance method: Pairwise difference

	Africa	Asia	Europe
Asia	0.09003*		
Europe	0.02069	0.11934*	
America	0.04389*	0.196*	0.00408

* P value ≤ 0.5

AMOVA
%of variation among populations   8.44
%of variation within populations   91.56

Supplemental Table 4
L1HS-407

		World n=160	Africa n=40	Europe n=40	Asia n=40	Americas n=40
S	Total	61	16	18	16	20
	Shared		3	5	4	5
	Specific		13	13	12	15
$Hs=\theta_{\Pi}/S(\%)$	Total	1.63	5.28	5.78	5.00	6.41
	Shared		28.17	20.8	20	25.62
	Specific		6.5	8	6.76	8.54
$\pi \pm SD$		0.006±0.004	0.005±0.004	0.006±0.005	0.005±0.004	0.008±0.005
$\theta_{\Pi} \pm SD$		0.996±0.748	0.845±0.681	1.04±0.786	0.8±0.656	1.281±0.913
$\theta_s \pm SD$		10.798±2.741	3.762±1.405	4.232±1.544	3.762±1.405	4.702±1.683
D (Tajima)		-2.791	-2.49	-2.46	-2.53	-2.41
		-0.1064	-0.062	-0.077	-0.108	-0.165
		P=0.001	P=0.001	P=0.001	P=0.001	P=0.002
Fu and Li's D		-8.768	-4.375	-5.054	-4.986	-4.289
		P=0.02	P=0.02	P=0.02	P=0.02	P=0.02
Fu and Li's F		-7.421	-4.41	-4.99	-4.928	-4.347
		P=0.02	P=0.02	P=0.02	P=0.02	P=0.02

Population pairwise FSTs

Distance method: Pairwise difference

	Africa	Asia	Europe
Asia	0.0016		
Europe	0.0081*	0.00082	
America	0.0096*	0.00798	0.00727

* P value ≤ 0.5

AMOVA
%of variation among populations   0.62
%of variation within populations   99.38

Supplemental Table 5
L1HS-444

	World n=160	Africa n=40	Europe n=40	Asia n=40	Americas n=40
S Total	35	7	13	12	10
Shared		2	3	4	4
Specific		5	10	8	6
$H_s=\theta_\Pi/S(\%)$Total	1.53	5.00	5.36	4.99	5.00
Shared		17.5	23.23	14.98	12.5
Specific		7	6.97	7.49	8.33
$\pi \pm SD$	0.004±0.004	0.003±0.003	0.005±0.004	0.004±0.004	0.004±0.004
$\theta_\Pi \pm SD$	0.536±0.496	0.35±0.389	0.697±0.599	0.599±0.542	0.5±0.483
$\theta_s \pm SD$	6.196±1.708	1.646±0.760	3.056±1.195	2.821±1.124	2.351±0.981
D (Tajima)	-2.686	-2.18	-2.41	-2.43	-2.35
	-0.068	-0.094	-0.094	-0.068	-0.07
	P=0.001	P=0.001	P=0.001	P=0.001	P=0.001
Fu and Li's D	-7.94	-3.952	-4.26	-4.534	-4.414
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02
Fu and Li's F	-6.931	-3.981	-4.308	-4.521	-4.411
	P=0.02	P=0.02	P=0.02	P=0.02	P=0.02

Population pairwise FSTs

Distance method: Pairwise
difference

	Africa	Asia	Europe
Asia	-0.00129		
Europe	0.00125	0.00007	
America	-0.00295	-0.00454	0.00005

* P value ≤ 0.5

AMOVA
%of variation among populations   -0.11
%of variation within populations   100.11

Supplemental Table 6
 Ya5a2AD5

	World n=58	Africa n=16	Europe n=16	Asia n=18	Egypt n=9
S Total	21	9	4	5	3
Shared		1	0	0	1
Specific		8	4	5	2
$Hs=\theta_\Pi/S$(%)Total	3.90	14.72	12.50	13.20	8.33
Shared		132.50	∞	∞	25.0
Specific		16.56	12.50	13.20	12.5
$\pi \pm SD$	0.003±0.002	0.005±0.004	0.002±0.002	0.002±0.002	0.001±0.001
$\theta_\Pi \pm SD$	0.819±0.661	1.325±0.973	0.5±0.503	0.660±0.596	0.25±0.355
$\theta_s \pm SD$	4.32±1.478	2.712±1.28	1.205±0.707	1.454±0.789	0.386±0.386
D (Tajima)	-2.52684	-1.87852	-1.83088	-1.72788	-1.05482
	-0.04361	-0.03664	-0.03164	-0.03144	-0.02122
	P=0.001	P=0.002	P=0.037	P=0.065	P=0.084
Fu and Li's D	-5.387	-2.451	-2.409	-2.831	-1.683
	P=0.02	P=0.05	P=0.05	P=0.02	P=0.1
Fu and Li's F	-5.191	-2.636	-2.581	-3.01	-1.821
	P=0.02	P=0.05	P=0.05	P=0.02	P=0.1

Population pairwise FSTs
Distance method: Pairwise difference

	Africa	Asia	Egypt
Asia	0.03001*		
Egypt	-0.03451	0.00519	
Europe	0.0242	0.01125	-0.00239

* P value ≤ 0.5

%of variation among population   1.12
%of variation within population   98.88

Supplemental Table 7
 Ya5a2AD6

		World n=56	Africa n=14	Europe n=10	Asia n=16	Egypt n=16
S	Total	26	6	7	12	8
	Shared		2	2	2	2
	Specific		4	5	10	6
$Hs=\theta_\Pi/S(\%)$	Total	6.68	22.72	24.13	17.29	21.35
	Shared		68.15	84.45	103.75	85.40
	Specific		34.08	33.78	20.75	28.47
$\pi \pm SD$		0.006±0.004	0.005±0.004	0.006±0.005	0.008±0.006	0.007±0.004
$\theta_\Pi \pm SD$		1.755±1.147	1.363±1.003	1.689±1.218	2.075±1.371	1.708±1.178
$\theta_s \pm SD$		5.660±1.854	1.887±0.996	2.121±1.164	3.616±1.611	2.411±1.168
D (Tajima)		-2.22723	-0.99713	-0.90903	-1.62817	-1.05062
		-0.07621	-0.05449	0.00344	-0.10223	-0.05021
		P=0.002	P=0.195	P=0.174	P=0.047	P=0.170
Fu and Li's D		-5.614	-1.248	-1.231	-2.631	-1.808
		P=0.02	P=0.1	P=0.1	P=0.05	P=0.1
Fu and Li's F		-5.28	-1.349	-1.298	-2.758	-1.839
		P=0.02	P=0.1	P=0.1	P=0.05	P=0.1

Population pairwise FSTs
Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	-0.0149		
Egypt	0.00756	-0.0166	
Europe	0.04459	-0.01575	-0.04525

* P value ≤ 0.5

%of variation among population   -0.9
%of variation within population   100.9

Supplemental Table 8
Ya5a2AD7

	World n=41	Africa n=3	Europe n=16	Asia n=15	Egypt n=7
S Total	12	2	3	5	5
Shared		1	1	1	1
Specific		1	2	4	4
$Hs=\theta_{\Pi}/S$(%)Total	6.58	66.65	12.50	15.62	32.38
Shared		133.3	37.50	78.10	161.90
Specific		133.3	18.75	19.53	40.48
$\pi \pm SD$	0.003±0.003	0.005±0.005	0.002±0.002	0.003±0.003	0.007±0.005
$\theta_{\Pi} \pm SD$	0.790±0.650	1.333±1.370	0.375±0.421	0.781±0.674	1.619±1.240
$\theta_s \pm SD$	2.805±1.114	1.333±1.098	0.904±0.584	1.538±0.848	2.041±1.223
D (Tajima)	-2.20186	0.00019	-1.69654	-1.66013	-1.02378
	-0.0465	0.00008	-0.04467	-0.02073	-0.03932
	P=0.001	P=0.906	P=0.031	P=0.027	P=0.179
Fu and Li's D	-4.313		-1.915	-2.49	-1.567
	P=0.02		P=0.1	P=0.05	P=0.1
Fu and Li's F	-4.313		-2.06	-2.671	-1.683
	P=0.02		P=0.1	P=0.05	P=0.1

Population pairwise FSTs
Distance method: Pairwise difference

	Africa	Asia	Egypt
Asia	0.0332		
Egypt	-0.05245	0.03292	
Europe	0.16652	-0.00928	0.05368

* P value ≤ 0.5

%of variation among population   2.57
%of variation within population   97.43

Supplemental Table 9
 Ya5a2AD8

	World n=62	**Africa** n=17	**Europe** n=17	**Asia** n=13	**Egypt** n=15
S Total	38	5	11	6	12
Shared		2	2	2	2
Specific		3	9	4	10
$Hs=\theta_{\Pi}/S$(%)Total	3.75	11.76	12.76	17.52	13.33
Shared		29.40	70.20	52.55	80.00
Specific		19.60	15.60	26.28	16.00
$\pi \pm SD$	0.006±0.004	0.003±0.003	0.006±0.004	0.004±0.004	0.009±0.006
$\theta_{\Pi} \pm SD$	1.424±0.978	0.588±0.555	1.404±1.012	1.051±0.837	1.6±1.126
$\theta_s \pm SD$	8.092±2.471	1.479±0.807	3.254±1.461	1.934±1.029	3.690±1.66
D (Tajima)	-2.71447 -0.12335 P=0.001	-1.94333 -0.08295 P=0.005	-2.10898 -0.12117 P=0.006	-1.68488 -0.10154 P=0.039	-2.20684 -0.0195 P=0.001
Fu and Li's D	-5.477 P=0.02	-2.632 P=0.05	-3.185 P=0.02	-2.324 P=0.05	-2.972 P=0.02
Fu and Li's F	-5.278 P=0.02	-2.807 P=0.05	-3.378 P=0.02	-2.506 P=0.05	-3.173 P=0.02

Population pairwise FSTs
Distance method: Pairwise difference

	Africa	Asia	Egypt
Asia	0.00252		
Egypt	-0.01506	0.01185	
Europe	0.01232	0.00796	-0.0051

* P value ≤ 0.5

%of variation among population   0.15
%of variation within population   99.85

Supplemental Table 10
Ya5a2AD9

		World n=39	Africa n=4	Europe n=11	Asia n=9	Egypt n=15
S	Total	18	2	4	7	4
	Shared		0	0	0	0
	Specific		2	4	7	4
$Hs=\theta_{\Pi}/S(\%)$	Total	5.11	50	18.18	22.23	13.33
	Shared		∞	∞	∞	∞
	Specific		50	18.18	22.33	13.33
$\pi \pm SD$		0.003±0.003	0.004±0.004	0.003±0.002	0.006±0.004	0.002±0.002
$\theta_{\Pi} \pm SD$		0.919±0.721	1±0.991	0.727±0.660	1.556±1.159	0.533±0.526
$\theta_s \pm SD$		4.257±1.558	1.091±0.876	1.366±0.825	2.576±1.386	1.230±0.725
D (Tajima)		-2.57234	-0.70989	-1.71166	-1.76663	-1.81594
		-0.05331	0.00283	-0.08477	-0.04106	-0.07121
		P=0.001	P=0.272	P=0.033	P=0.018	P=0.012
Fu and Li's D		-4.863	-0.71	-2.02	-1.991	-2.344
		P=0.02	P=0.1	P=0.1	P=0.05	P=0.05
Fu and Li's F		-4.825	-0.604	-2.188	-2.16	-2.518
		P=0.02	P=0.1	P=0.1	P=0.05	P=0.05

Population pairwise FSTs
Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	-0.04795		
Egypt	0.06853	0.04141*	
Europe	0.02872	0.01228	0.00397

* P value ≤ 0.5

%of variation among population   1.81
%of variation within population   98.19

Supplemental Table 11
 Ya5a2AD11

	World n=56	Africa n=14	Europe n=18	Asia n=8	Egypt n=16
S Total	36	7	12	11	12
Shared		1	3	4	5
Specific		6	9	7	7
$Hs=\theta_{\Pi}/S$(%)Total	7.64	14.29	17.92	36.36	17.98
Shared		100	71.67	100.00	43.16
Specific		16.67	23.89	57.14	30.83
$\pi \pm SD$	0.010±0.006	0.004±0.003	0.009±0.006	0.016±0.010	0.008±0.005
$\theta_{\Pi} \pm SD$	2.752±1.642	1.000±0.803	2.150±1.340	4.000±2.545	2.158±1.415
$\theta_s \pm SD$	7.837±2.445	2.201±1.118	3.489±1.528	4.242±2.154	3.616±1.611
D (Tajima)	-2.1355	-2.01359	-1.66321	-0.37749	-1.54014
	-0.1467	-0.0633	-0.06796	-0.10645	-0.07523
	P=0.001	P=0.334	P=0.07	P=0.407	P=0.151
Fu and Li's D	-5.124	-2.091	-2.097	-1.128	-1.946
	P=0.02	P=0.1	P=0.1	P=0.1	P=0.1
Fu and Li's F	-4.832	-2.225	-2.201	-1.146	-2.223
	P=0.02	P=0.1	P=0.1	P=0.1	P=0.1

Population pairwise FSTs
Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	0.39754*		
Egypt	0.0282	0.19248	
Europe	0.14966*	-0.00472	0.03485

* P value ≤ 0.5

%of variation among population	11.2
%of variation within population	88.8

Supplemental Table 12
Ya5a2AD12

	World n=58	Africa n=14	Europe n=14	Asia n=16	Egypt n=14
S Total	33	7	4	14	8
Shared		0	0	0	0
Specific		7	4	14	8
Hs=θ_Π/S(%)Total	4.10	17.43	14.28	13.34	14.29
Shared		∞	∞	∞	∞
Specific		17.43	14.28	13.34	14.29
$\pi \pm$ SD	0.005±0.004	0.006±0.004	0.002±0.002	0.008±0.006	0.005±0.003
$\theta_\Pi \pm$ SD	1.354±0.943	1.220±0.925	0.571±0.552	1.867±1.262	1.143±0.883
$\theta_s \pm$ SD	7.129±2.24	2.201±1.118	6.604±2.768	4.219±1.829	2.516±1.239
D (Tajima)	-2.66172 -0.11679 P=0.001	-1.64516 -0.05283 P=0.048	-1.79759 -0.02069 P=0.012	-2.16826 -0.05115 P=0.001	-2.05775 -0.01206 P=0.002
Fu and Li's D	-4.373 P=0.02	-2.039 P=0.1	-2.09 P=0.1	-2.563 P=0.05	-2.67 P=0.02
Fu and Li's F	-4.3 P=0.02	-2.209 P=0.1	-2.255 P=0.1	-2.742 P=0.05	-2.87 P=0.02

Population pairwise FSTs
Distance method: Pairwise difference

	Africa	Asia	Egypt
Asia	0.0323*		
Egypt	0.02855	-0.00204	
Europe	0.04487	-0.00968	0

* P value ≤ 0.5

%of variation among population   1.74
%of variation within population   98.26

Supplemental Table 13
 Ya5NBC220

		World n=65	Africa n=14	Europe n=18	Asia n=16	Egypt n=17
S	Total	12	1	6	2	4
	Shared		0	1	0	1
	Specific		1	5	2	3
Hs=θ_Π/S(%)	Total	3.58	14.30	12.43	12.50	11.78
	Shared		∞	74.60	∞	47.10
	Specific		14.30	14.92	12.50	15.70
$\pi \pm SD$		0.002±0.0015	0.001±0.0009	0.002±0.002	0.001±0.001	0.002±0.002
$\theta_\Pi \pm SD$		0.429±0.436	0.143±0.245	0.764±0.656	0.25±0.332	0.471±.0482
$\theta_s \pm SD$		2.530±0.964	0.315±0.315	1.454±0.789	0.603±0.452	1.183±0.691
D (Tajima)		-2.38469 -0.0789 P=0.001	-1.15524 0.00464 P=0.163	-1.74211 -0.0504 P=0.022	-1.49796 -0.04643 P=0.056	-1.84308 -0.04943 P=0.011
Fu and Li's D		-4.846 P=0.02	-1.397 P=0.1	-1.917 P=0.1	-1.915 P=0.1	-2.469 P=0.05
Fu and Li's F		-4.74 P=0.02	-1.514 P=0.1	-2.15 P=0.1	-2.06 P=0.1	-2.639 P=0.05

Population pairwise FSTs

Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	-0.00248		
Egypt	-0.00665	-0.00115	
Europe	0.0054	0.01084	0.01091

* P value ≤ 0.5

%of variation among population   0.51
%of variation within population   99.49

Supplemental Table 14
Ya5NBC235a

	World n=76	Africa n=20	Europe n=19	Asia n=20	Egypt n=17
S Total	40	29	6	19	2
Shared		10	5	11	1
Specific		19	1	8	1
$H_s=\theta_\Pi/S$(%)Total	3.79	10.09	10.53	10.28	11.75
Shared		29.26	12.64	17.76	23.50
Specific		15.40	63.20	24.41	23.50
$\pi \pm SD$	0.006±0.004	0.012±0.007	0.002± 0.002	0.007±0.005	0.001±0.001
$\theta_\Pi \pm SD$	1.515±1.021	2.926±1.788	0.632±0.577	1.953±1.289	0.235±0.320
$\theta_s \pm SD$	8.161±2.407	8.174±3.091	1.717±0.88	5356±2.136	0.592±0.443
D (Tajima)	-2.62607 -0.10972 P=0.001	-2.51091 -0.09147 P=0.001	-2.04615 -0.10331 P=0.012	-2.40297 -0.09986 P=0.001	-1.50358 -0.02827 P=0.044
Fu and Li's D	-5.218 P=0.02	-3.668 P=0.02	-2.396 P=0.1	-3.513 P=0.02	-1.953 P=0.1
Fu and Li's F	-5.057 P=0.02	-3.836 P=0.02	-2.623 P=0.05	-3.681 P=0.02	-2.097 P=0.1

Population pairwise FSTs

Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	-0.02104		
Egypt	0.00516	-0.01004	
Europe	0.00693	-0.004	-0.01863

* P value ≤ 0.5

%of variation among population   -0.61
%of variation within population   100.61

Supplemental Table 15
Ya5NBC241

		World n=43	Africa n=4	Europe n=14	Asia n=12	Egypt n=13
S	Total	18	3	6	2	7
	Shared		3	1	0	3
	Specific		0	5	2	4
$Hs=\theta_{\Pi}/S$(%)	Total	5.79	50.00	16.30	16.65	15.39
	Shared		50.00	97.80	∞	35.90
	Specific		∞	19.56	16.65	26.93
$\pi \pm SD$		0.004±0.003	0.005±0.005	0.004±0.004	0.001±0.002	0.004±0.003
$\theta_{\Pi} \pm SD$		1.042±0.786	1.500±1.339	0.978±0.791	0.333±0.401	1.077±0.851
$\theta_s \pm SD$		4.160±1.505	1.636±1.186	1.887±0.996	0.662±0.501	2.256±1.156
D (Tajima)		-2.41772	-0.75445	-1.72892	-1.45138	-1.98196
		-0.08192	-0.0202	-0.06376	-0.12179	-0.05542
		P=0.001	P=0.220	P=0.022	P=0.045	P=0.006
Fu and Li's D		-3.741	-0.755	-1.882	-1.72	-2.421
		P=0.02	P=0.1	P=0.1	P=0.1	P=0.05
Fu and Li's F		-3.81	-0.675	-2.102	-1.865	-2.609
		P=0.02	P=0.1	P=0.1	P=0.1	P=0.05

Population pairwise FSTs

Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	0.15152		
Egypt	-0.07034	-0.00346	
Europe	-0.02218	0.01972	0.00331

* P value ≤ 0.5

%of variation among population 0.41
%of variation within population 99.59

Supplemental Table 16
 Ya5NBC243

	World n=26	Africa n=1	Europe n=7	Asia n=14	Egypt n=4
S Total	10	0	6	4	0
Shared		0	0	0	0
Specific		0	0	6	4	0
$Hs=\theta_\Pi/S$(%)Total	7.66	0	28.57	14.28	0
Shared		0	∞	∞	0
Specific		0	28.57	14.28	0
$\pi \pm SD$	0.003±0.002	0	0.006±0.005	0.002±0.002	0
$\theta_\Pi \pm SD$	0.766±0.646	0	1.714±1.296	0.571±0.552	0
$\theta_s \pm SD$	2.621±1.140	0	2.449±1.412	1.258±0.745	0
D (Tajima)	-2.32349	0	-1.52412	-1.79759	0
	-0.02944	0	-0.01853	-0.03671	0
	P=0.001	P=1	P=0.036	P=0.018	P=1
Fu and Li's D	-3.55		-1.51	-2.274	
	P=0.02		P=0.1	P=0.05	
Fu and Li's F	-3.673		-1.617	-2.449	
	P=0.02		P=0.1	P=0.05	

Population pairwise FSTs

Distance method: Pairwise
difference

	Africa	Asia	Egypt
Asia	-1		
Egypt	0	-0.13219	
Europe	-1	0.03686	-0.09804

* P value ≤ 0.5

%of variation among population   -8.16
%of variation within population   108.16