

**Supplementary table 8. Pairwise FST genetic distances between Sagalassos and the populations included in the HVS-I/HVS-II (a) HVS-I (b) databases.**

Pairwise Fst values are sorted from the lowest to the highest. +: p<0,05; ++: after Bonferroni correction. Abbreviations of populations are as in Supplementary table 3.

HVS-I/HVS-II database	HVS-I database		
Sagalassos	Sagalassos		
Cam -0,00362	-	Bulgaria_Bulgarian	-0,00013
Cri 0,00063	-	Turkey_E_Anatolian	-0,00020
SlvW 0,00198	-	Turkey_Anatolian	0,00317
Tur 0,00223	-	Croatia_Croatian	0,00436
Per 0,00244	-	Greece_Central_Greek	0,00469
Bul 0,00313	-	Ukrainia_Crimean	0,00499
CrM 0,0044	-	Cyprus_Cyprian	0,00511
Uyg 0,00483	-	Slovakia_Slovakian	0,00516
UzbU 0,00522	-	Jordania_Jordanian	0,00525
Hun 0,00744	+	Italy_Puglia	0,00533
Irn 0,00842	-	Iran_SW_Iranian	0,00548
Cze 0,00951	+	Egypt_Egyptian	0,00552
Cyp 0,0101	+	France_Caux_Bray	0,00565
Prg 0,01082	+	Iran_Iranian	0,00577
Jor 0,01082	+	Turkey_Izmir	0,00582
Mac 0,01114	+	Kurdistan_Kurd	0,00583
Gre 0,01122	+	Turkey_Turk	0,00588
Taj 0,01127	+	Greece_N_Greek	0,00603
Ita 0,01188	+	Balkarian	0,00607
Spa 0,01193	+	Armenia_Armenian	0,00611
UzbH 0,01202	-	Hungary_Hungarian	0,00620
UzbB 0,01249	-	Italy_Italian	0,00630
Sau 0,01295	+	Rutulan	0,00632
Laz 0,01297	+	Turkey_C_Anatolian	0,00637
SauC 0,01332	+	Finland_Finns_Volga	0,00643
Rsa 0,0136	+	Italy_Campania	0,00648
UzbK 0,01449	-	France_Perigord	0,00650
Pgl 0,01472	-	Germany_german	0,00667
Pol 0,015	+	Italy_South_Italian	0,00671
Drz 0,01558	+	Rumania_Rumanian	0,00675
Slo 0,01569	+	Italy_Tuscan	0,00677
Cux 0,01577	+	England_British	0,00687
Db 0,01611	+	Italy_Sicilian	0,00698
Pld 0,01617	++	Iran_Central_Iranian	0,00701
SauS 0,01699	+	Slovakia_W_Slovaki	0,00746
Taj2 0,01706	-	Moldavia_Moldavian	0,00748
SauN 0,01781	+	Uzbekistan_Uzbek	0,00751
Kur 0,01889	+	Georgia_Georgian	0,00752
SlvE 0,01959	+	France_NWE_French	0,00758
Rus 0,01962	+	Czek_Czek	0,00763
Abr 0,01989	+	Russia_Russian	0,00765
Fst 0,02007	+	Italy_Croatian	0,00769
Bos 0,02238	++	Italy_Central_Italian	0,00774
KZ 0,02249	+	Turkey_Ankara	0,00782
Var 0,02438	+	Kurds	0,00785
Tkm 0,02551	+	Iran_NW_Iranian	0,00808
KyrD 0,02558	+	Russia_Chechenian	0,00817
Uzb 0,02603	++	Spain_Spanish	0,00822
Fin 0,02721	++	Tadzhikistan_Tadjik	0,00830
Bou 0,02866	+	Egypt_Arab_Gurna	0,00830

Asn	0,03423	++	England_Cornwall	0.00836	+
Bas	0,03425	++	Italy_Tyrolean	0.00842	+
Fig	0,03934	++	Switzerland_Swiss	0.00848	+
SauW	0,0401	++	Slovenia_Slovenian	0.00849	+
Tln	0,04347	++	Macedonia_Macedonian	0.00857	+
Gur	0,04836	++	Serbia_Serbian	0.00862	+
Kaz	0,05025	++	Morocco_Moroccan	0.00864	+
Mg	0,05085	++	Hungary_Anc_Hungarian	0.00899	-
Hui	0,05106	++	Syria_Syrian	0.00908	+
Siw	0,05367	++	Crete_Cretian	0.00908	+
Lib	0,05433	++	Slovakia_E_Slovakia	0.00917	+
Kal	0,05686	++	Poland_Polish	0.00936	+
KirK	0,06553	++	Italy_Abruzzo	0.00937	+
Mon	0,07191	++	Russia_Chukchi	0.00944	+
KirU	0,07298	++	Iran_Persian	0.00949	+
Khm	0,07372	++	Iraq_Iraqi	0.00956	++
Bar	0,07643	++	China_Uzbek_Xinjiang	0.00961	+
Kor	0,08466	++	Finland_Finns	0.00977	+
Ger	0,0854	+	Russia_Abasinian	0.00984	-
Alt	0,08614	++	Kabardinian	0.00987	+
Bur	0,08835	++	Italy_Lazio	0.01015	+
Mrb	0,0986	-	China_Uighur_Xinjiang	0.01022	+
Tvn	0,10756	++	Bosnia_Bosnian	0.01067	+
Eth	0,13809	++	Kazakhstani_Kazak	0.01073	++
Evn	0,16587	++	Spain_Anc_Iberian	0.01074	+
Chk	0,32642	++	Russia_Avarian	0.01081	+
			Dubai_Arab	0.01086	++
			Russia_Uighur	0.01100	++
			Balkans	0.01114	+
			Saudi_Arabia_Saudit	0.01125	+
			Albania_Albanian	0.01146	+
			Italy_NE_Italian	0.01150	+
			France_Morbihan	0.01158	+
			Russia_Legianian	0.01174	+
			Russia_Darginian	0.01192	+
			Greece_Greek	0.01199	+
			Austria_Austrian	0.01202	+
			Morocco_Berber_Ajni	0.01205	+
			Norway_Norwegian	0.01218	+
			Azerbaijan_Azerbaijan	0.01234	+
			Turkey_Antalya	0.01261	-
			Russia_Telenghit	0.01273	+
			Israel_Druze	0.01280	+
			Tunisia_Tunisian	0.01282	+
			Spain_Andalusian	0.01284	+
			France_Corsican	0.01314	+
			Sudan_Sudanese	0.01318	+
			Russia_Ossetian	0.01320	++
			Russia_Kalmuk	0.01340	++
			Mongolia_Mongol	0.01362	++
			Italy_Anc_Etruscan	0.01367	+
			Russia_Kalmuks	0.01377	++
			Iran_Kurd	0.01395	+
			Ukraine_Karelian	0.01397	+
			China_Anc_Xinjiang	0.01404	+
			Russia_Buryat	0.01421	++
			Kirgisistan_Kirgiz	0.01432	++
			Germany_Tyrolean	0.01476	+
			Portugal_Portuguese	0.01502	+

Ethiopia_Amharic	0.01504	++
Spain_Spanish	0.01504	+
Adygey	0.01509	++
Russia_Khamnigan	0.01518	++
China_Mongol_Xinjiang	0.01528	+
Kazakstan_Kazak_Xinjiang	0.01537	++
Russia_Karalk	0.01555	+
Sudan_Dinka	0.01581	++
Russia_Ingushian	0.01583	+
Italy_Sardenian	0.01629	++
Iran_NE_Iranian	0.01633	+
Russia_Anc_Kurgan	0.01642	+
Algeria_Algerian	0.01652	+
Tenerife_Anc_A	0.01689	++
France_Var	0.01695	+
Etiopia_Nyangtom	0.01767	++
Danemark_Danish	0.01780	+
India_Indian	0.01783	++
China_Hui_Xinjiang	0.01868	+
Yemen_Yemenit	0.01901	++
Sahari	0.01907	++
Tenerife_Anc_B	0.01925	+
Korea_Korean	0.02027	++
Wale_Wales	0.02094	+
Spain_Galician	0.02145	+
Nubian	0.02167	++
Morocco_Berber_Bouhria	0.02178	+
Russia_Karachaian	0.02252	+
Italy_Ladin	0.02273	+
Morocco_Berber_Figuig	0.02314	++
Hungary_Anc_Cumanian	0.02343	+
Spain_Basque	0.02381	+
Spain_Catalan	0.02398	+
Sudan_Nubian	0.02673	+
Russia_Tuvanian	0.02757	++
Uzbekistan_Bulharan	0.02820	+
Turkmenistan_Turkmen	0.03071	++
China_Mongol	0.04002	++
Kirgisistan_Dungan	0.04066	++
Italy_Anc_Tuscan	0.04239	+
Morocco_Berber_Siwa	0.04722	++
Russia_Even	0.06131	++
Spain_Anc_Basque	0.06344	++
Russia_Altaian_Kihzi	0.07137	++
Italy_Anc_Sardenian	0.07998	++
Russia_Chukchi	0.11993	++
Lybia_Tuareg	0.17679	++
Israel_Samaritan	0.20506	++