

**Who are you? Te genetic identity of some insular populations of *Hierophis
viridiflavus* s.l. from the Tyrrhenian Sea**

By

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SUPPLEMENTARY MATERIAL

Table A1. All individual references utilized in this study including geographic coordinates, haplotypes and sample size at each location. The insular samples analysed in this study are indicated in bold. The remaining samples were retrieved from Rato et al. 2009 and Mezzasalma et al. 2015.

Locality number	Sample code	Colour pattern	Region/Nation	Locality	Haplotype	Sample size	Latitude (N)	Longitude (E)
1	RL79	<i>abundistic</i>	Lazio	Ventotene (Pontine Archipelago)	H1	1	40.7983	13.432
2	RL22	<i>abundistic</i>	Lazio	Ponza (Pontine Archipelago)	H1	2	40.8955	12.9589
	RL66	<i>abundistic</i>			H1			
3	RL80	<i>abundistic</i>	Lazio	Palmarola (Pontine Archipelago)	H1	1	40.9357	12.8586
4	RS85	<i>carbonarius</i>	Sicily	Favignana (Aegadian Islands)	H10	1	37.9453	12.2961
5	RS296	<i>carbonarius</i>	Sicily	Lipari (Aeolian Islands)	H9	1	38.4936	14.9272
6	RS276	<i>carbonarius</i>	Sicily	Vulcano (Aeolian Islands)	H9	1	38.4197	14.9577
7	Hv47	<i>carbonarius</i>	Sicily	Lago Spartà	H9	2	37.9554	14.7146
	V37				H9			
8	Hv20		Sicily	Iria	H9	1	38.0381	14.637
9	Hv12		Calabria	Vallone Argentino	H5	1	39.4276	16.1255
10	Hv9		Calabria	Cetraro	H5	1	39.5406	15.9934
11	Hv24		Apulia	Lecce	H5	1	40.3558	18.1472
12	Hv1		Basilicata	Lagonegro	H8	1	40.1252	15.7695

13	Hv46		Calabria	San Nicola Arcella	H5	1	39.843	15.7971
14	Hv18		Campania	Palinuro	H5	1	40.0302	15.2817
15	V39	<i>carbonarius</i>	Campania	Lago Laceno	H6	1	40.8044	15.1068
16	V35	<i>carbonarius</i>	Campania	Avella	H11	1	40.9609	14.6096
17	V17	<i>carbonarius</i>	Campania	Salerno	H5	1	40.6872	14.7592
18	Hv13		Apulia	Bovino	H5	1	41.2525	15.3448
19	Hv7		Campania	Avellino	H11	1	40.9162	14.7576
20	Hv11		Campania	Cava dei Tirreni	H5	1	40.6945	14.7172
21	Hv16	<i>carbonarius</i>	Campania	Amalfi	H11	2	40.6359	14.6064
	V36				H11			
22	V40	<i>carbonarius</i>	Apulia	Lago fi Lesina	H5	1	41.8962	15.3793
23	Hv2		Campania	Pietraroja	H11	1	41.3461	14.5517
24	Hv51		Campania	Soccavo	H11	1	40.8516	14.2063
25	Hv50		Abruzzo	Pescara	H5	1	42.4605	14.1848
26	V38	<i>viridiflavus</i>	Lazio	Roccamassima	H1		41.6797	12.9213
27	Hv36		Lazio	Roma	H1	1	41.9134	12.4823
28	Hv10		Marche	Ancona	H5	2	43.6054	13.5426
	Hv14				H5			
29	Hv6		Marche	Sefro	H1	1	43.1487	12.9502
30	Hv8		Lazio	Monterano	H1	1	42.1384	12.0985
31	V4	<i>viridiflavus</i>	Tuscany	Isola di Montecristo	H1	4	42.3409	10.3179
	V6	<i>viridiflavus</i>			H1			

	V7	<i>viridiflavus</i>			H1			
	V8	<i>viridiflavus</i>			H1			
32	Hv21		Emilia-Romagna	Montenovo	H5	1	44.0734	12.301
33	Hv30		Tuscany	Campi Bisenzio	H1	1	43.8292	11.1384
34	Hv4	<i>viridiflavus</i>	Tuscany	Pisa	H1	2	43.6964	10.3487
	V33				H1			
35	Hv19		Tuscany	Capraia	H1	1	43.0293	9.8274
36	Hv40		Emilia-Romagna	Monzuno	H5	1	44.2781	11.2739
37	Hv35		Tuscany	Calci	H1	1	43.7135	10.4996
38	Hv31		Tuscany	Lamone	H1	1	43.857	10.2965
39	V23	<i>carbonarius</i>	Emilia-Romagna	Comacchio	H5	1	44.6897	12.1764
40	Hv42		Emilia-Romagna	San Bartolomeo in Bosco	H5	1	44.7346	11.6374
41	Hv22		Lombardy	Mantova	H5	1	45.1684	10.8068
42	V27	<i>viridiflavus</i>	Emilia-Romagna	Travo	H5	1	44.861	9.547
43	V42	<i>viridiflavus</i>	Piedmont	Villavernia	H3	1	44.8229	8.8552
44	V24	<i>carbonarius</i>	Trentino	Avio	H5	1	45.7266	10.9454
45	V25	<i>viridiflavus</i>	Lombardy	Limbate	H5	2	45.5972	9.114
	V26	<i>viridiflavus</i>			H5			
46	V1	<i>viridiflavus</i>	Lombardy	Cascina Settimo	H5	1	45.2554	9.2154
47	Hv43		Piedmont	Alessandria	H1	1	44.9123	8.593
48	V2	<i>viridiflavus</i>	Piedmont	Voltaggio	H1	1	44.6284	8.8427
49	Hv34		Veneto	Tombolo	H1	1	45.6464	11.8369

50	V18	<i>viridiflavus</i>	Lombardy	Capiago Intimiano	H5	1	45.7716	9.1282
51	V20	<i>viridiflavus</i>	Lombardy	Travacò Siccomarino	H5	1	45.1512	9.1583
52	Hv17		Lombardy	Pavia	H5	1	45.1739	9.1663
53	V21	<i>viridiflavus</i>	Piedmont	Briga Novarese	H13	1	45.7387	8.4474
54	Hv28		Piedmont	Asti	H1	1	44.8944	8.2346
55	V19	<i>carbonarius</i>	Friuli Venezia Giulia	Doberdò del Lago	H12	1	45.8444	13.5429
56	Hv33		Friuli Venezia Giulia	Talponedo	H5	1	45.7217	12.4687
57	Hv5		Veneto	Lentiai	H5	5	46.0483	12.0246
	V13	<i>carbonarius</i>			H5			
	V14	<i>carbonarius</i>			H5			
	V15	<i>carbonarius</i>			H5			
	V16	<i>carbonarius</i>			H5			
58	V3	<i>carbonarius</i>	Lombardy	Ardenno	H5	1	46.1669	9.6511
59	Hv27		Piedmont	Valle Strona	H13	1	45.6082	8.8114
60	Hv44		Aosta Valley	Aosta	H13	1	45.7281	7.3013
61	Hv15		Friuli Venezia	Padriciano	H12	1	45.6409	13.8266
62	Hv32		Croatia	Obzova	H7	1	45.0031	14.7061
63	Hv23		Corsica	Calanca	H1	1	41.6513	8.8944
64	V28	<i>abundistic</i>	Corsica		H1	1	42.0573	9.0286
65	Hv41		Corsica	Biguglia	H1	1	42.6215	9.4444
66	V41	<i>abundistic</i>	Sardinia	Teulada	H2	1	38.9692	8.7632
67	Hv45		Sardinia	Asinara	H1	3	41.0813	8.2925

	V12	<i>abundistic</i>			H1			
	V22	<i>abundistic</i>			H1			
68	Hv48		France	Greolieres	H1	1	43.7965	6.9427
69	Hv25		France	Blegiers	H1	1	44.1804	6.4163
70	Hv49		France	Clumanc	H1	1	44.0222	6.3767
71	Hv39		France	Larzac	H1	1	43.8758	3.3057
72	Hv38		France	Millau	H4	1	44.1051	3.0459
73	Hv29		France	Brusques	H1	1	43.7719	2.9436
74	Hv26		France	Montagnac la Crempx	H1	1	44.9798	0.5444
75	V32	<i>viridiflavus</i>	Spain	Pobellà	H1	1	42.3741	1.1102
76	Hv3		Spain	Arties	H1	1	42.7009	0.8693
77	V29	<i>viridiflavus</i>	Spain	Molinos	H1	3	41.6034	0.6853
	V30	<i>viridiflavus</i>			H1			
	V31	<i>viridiflavus</i>			H1			
78	Hv37		France	Castelnau Chalosse	H1	1	43.6668	0.8462
79	V9	<i>viridiflavus</i>	France	Chizé	H1	3	46.1239	0.3564
	V10	<i>viridiflavus</i>			H1			
	V11	<i>viridiflavus</i>			H1			
