

Additional file

Additional file 2. Table S2. A list of modern *Sus scrofa* specimens analyzed in this study.

Corresponding sequences were deposited on Genbank.

Specimen	No. ind.	Status	Country	Location	Area	Haplotype	Accession number
BAS_40	1	wild boar	Italy	Basilicata	Basilicata_01	VM_H04	HM051196
BAS_41	1	wild boar	Italy	Basilicata	Basilicata_02	VM_H05	HM051197
BAS_42	1	wild boar	Italy	Basilicata	Basilicata_03	VM_H06	HM051198
BAS_96	1	wild boar	Italy	Basilicata	Basilicata_04	VM_H07	HM051199
BAS_97	1	wild boar	Italy	Basilicata	Basilicata_05	VM_H07	HM051199
POLL_60	1	wild boar	Italy	Pollino area	Basilicata_06	VM_H17	KF873479
POLL_61	1	wild boar	Italy	Pollino area	Basilicata_07	VM_H17	KF873479
POLL_62	1	wild boar	Italy	Pollino area	Basilicata_08	VM_H17	KF873479
POLL_63	1	wild boar	Italy	Pollino area	Basilicata_09	VM_H17	KF873479
POLL_64	1	wild boar	Italy	Pollino area	Basilicata_10	VM_H17	KF873479
PCH_56	1	wild boar	Italy	Pugno Chiuso	Apulia_01	VM_H09	HM051201
PCH_55	1	wild boar	Italy	Pugno Chiuso	Apulia_02	VM_H18	KF873480
CP_46	1	wild boar	Italy	Castelporziano	Latium_01	VM_H11	KF873473
CP_47	1	wild boar	Italy	Castelporziano	Latium_02	VM_H02	HM051194
CP_48	1	wild boar	Italy	Castelporziano	Latium_03	VM_H02	HM051194
SIC01	1	wild boar	Italy	Siena province	Tuscany_01	VM_H02	HM051194
CAS_GIU2	1	wild boar	Italy	Caserta province	Campania_01	VM_H09	HM051201
CAS_GIU13	1	wild boar	Italy	Caserta province	Campania_02	VM_H01	HM051193
CAS_GIU1	1	wild boar	Italy	Caserta province	Campania_03	VM_H01	HM051193
CAS_GIU17	1	wild boar	Italy	Caserta province	Campania_04	VM_H01	HM051193
CAS_GIU19	1	wild boar	Italy	Caserta province	Campania_05	VM_H01	HM051193
CAS_GIU20	1	wild boar	Italy	Caserta province	Campania_06	VM_H01	HM051193
ALB_90	1	wild boar	Italy	Salerno province, Alburni	Campania_07	VM_H02	HM051194
ALB_91	1	wild boar	Italy	Salerno province, Alburni	Campania_08	VM_H02	HM051194
ALB_92	1	wild boar	Italy	Salerno province, Alburni	Campania_09	VM_H03	HM051195
ALB_S17_10	1	wild boar	Italy	Salerno province, Alburni	Campania_10	VM_H16	KF873478
CAS_S19_02	1	wild boar	Italy	Salerno province, Casalvelino	Campania_11	VM_H01	HM051193
CAS_S19_03	1	wild boar	Italy	Salerno province, Casalvelino	Campania_12	VM_H01	HM051193
CAS_S19_04	1	wild boar	Italy	Salerno province, Casalvelino	Campania_13	VM_H01	HM051193
CAS_S19_05	1	wild boar	Italy	Salerno province, Casalvelino	Campania_14	VM_H08	HM51200
CAS_S20_01	1	wild boar	Italy	Salerno province, Casalvelino	Campania_15	VM_H08	HM51200
CAS_S20_02	1	wild boar	Italy	Salerno province, Casalvelino	Campania_16	VM_H01	HM051193
CAS_S20_03	1	wild boar	Italy	Salerno province, Casalvelino	Campania_17	VM_H01	HM051193
CAS_S20_04	1	wild boar	Italy	Salerno province, Casalvelino	Campania_18	VM_H08	HM51200
CAS_S20_05	1	wild boar	Italy	Salerno province, Casalvelino	Campania_19	VM_H08	HM51200
CAS_CPL02	1	wild boar	Italy	Salerno province, Casalvelino	Campania_20	VM_H35	KF873497
CAS_CPL03	1	wild boar	Italy	Salerno province, Casalvelino	Campania_21	VM_H35	KF873497
CAS_CPL04	1	wild boar	Italy	Salerno province, Casalvelino	Campania_22	VM_H35	KF873497
CAS_CPL05	1	wild boar	Italy	Salerno province, Casalvelino	Campania_23	VM_H39	KF873501
CAS_CPL06	1	wild boar	Italy	Salerno province, Casalvelino	Campania_24	VM_H08	HM51200
CAS_CPL16	1	wild boar	Italy	Salerno province, Casalvelino	Campania_25	VM_H08	HM51200
CAS_CPL17	1	wild boar	Italy	Salerno province, Casalvelino	Campania_26	VM_H08	HM51200

Specimen	No. ind.	Status	Country	Location	Area	Haplotype	Accession number
CAS_CPL20	1	wild boar	Italy	Salerno province, Casalvelino	Campania_27	VM_H01	HM051193
CAS_CPL21	1	wild boar	Italy	Salerno province, Casalvelino	Campania_28	VM_H14	KF873476
CAS_CPL22	1	wild boar	Italy	Salerno province, Casalvelino	Campania_29	VM_H08	HM51200
CAS_CPL23	1	wild boar	Italy	Salerno province, Casalvelino	Campania_30	VM_H08	HM51200
CAS_CPL24	1	wild boar	Italy	Salerno province, Casalvelino	Campania_31	VM_H08	HM51200
CAS_CPL25	1	wild boar	Italy	Salerno province, Casalvelino	Campania_32	VM_H08	HM51200
CAS_CPL26	1	wild boar	Italy	Salerno province, Casalvelino	Campania_33	VM_H08	HM51200
CAS_CPL31	1	wild boar	Italy	Salerno province, Casalvelino	Campania_34	VM_H08	HM51200
CAS_CPL32	1	wild boar	Italy	Salerno province, Casalvelino	Campania_35	VM_H08	HM51200
CAS_CPL33	1	wild boar	Italy	Salerno province, Casalvelino	Campania_36	VM_H08	HM51200
CAS_D079	1	wild boar	Italy	Salerno province, Casalvelino	Campania_37	VM_H08	HM51200
CAS_D080	1	wild boar	Italy	Salerno province, Casalvelino	Campania_38	VM_H08	HM51200
CAS_D084	1	wild boar	Italy	Salerno province, Casalvelino	Campania_39	VM_H35	KF873497
CAS_D087	1	wild boar	Italy	Salerno province, Casalvelino	Campania_40	VM_H35	KF873497
CAS_S03_11	1	wild boar	Italy	Salerno province, Casalvelino	Campania_41	VM_H15	KF873477
CAS_S04_07	1	wild boar	Italy	Salerno province, Casalvelino	Campania_42	VM_H01	HM051193
CAS_S05_01	1	wild boar	Italy	Salerno province, Casalvelino	Campania_43	VM_H08	HM51200
CAS_S05_03	1	wild boar	Italy	Salerno province, Casalvelino	Campania_44	VM_H08	HM51200
CAS_S05_07	1	wild boar	Italy	Salerno province, Casalvelino	Campania_45	VM_H01	HM051193
CAS_S05_09	1	wild boar	Italy	Salerno province, Casalvelino	Campania_46	VM_H01	HM051193
CAS_S05_14	1	wild boar	Italy	Salerno province, Casalvelino	Campania_47	VM_H08	HM51200
CAS_S05_25	1	wild boar	Italy	Salerno province, Casalvelino	Campania_48	VM_H08	HM51200
CAS_S05_27	1	wild boar	Italy	Salerno province, Casalvelino	Campania_49	VM_H08	HM51200
CAS_S05_A	1	wild boar	Italy	Salerno province, Casalvelino	Campania_50	VM_H08	HM51200
CAS_S05_B	1	wild boar	Italy	Salerno province, Casalvelino	Campania_51	VM_H08	HM51200
CAS_S05_C	1	wild boar	Italy	Salerno province, Casalvelino	Campania_52	VM_H08	HM51200
CAS_S21_01	1	wild boar	Italy	Salerno province, Casalvelino	Campania_53	VM_H08	HM51200
CAS_S21_02	1	wild boar	Italy	Salerno province, Casalvelino	Campania_54	VM_H01	HM051193
CAS_S21_04	1	wild boar	Italy	Salerno province, Casalvelino	Campania_55	VM_H01	HM051193
CAS_S21_05	1	wild boar	Italy	Salerno province, Casalvelino	Campania_56	VM_H08	HM51200
CAS_S21_06	1	wild boar	Italy	Salerno province, Casalvelino	Campania_57	VM_H01	HM051193
CAS_S03_01	1	wild boar	Italy	Salerno province, Casalvelino	Campania_58	VM_H01	HM051193
CAS_S03_02	1	wild boar	Italy	Salerno province, Casalvelino	Campania_59	VM_H01	HM051193
CAS_S03_07	1	wild boar	Italy	Salerno province, Casalvelino	Campania_60	VM_H01	HM051193
CAS_S03_08	1	wild boar	Italy	Salerno province, Casalvelino	Campania_61	VM_H01	HM051193
CNC_5d	1	free-living pig	Italy	Salerno province, Castelnuovo Cilento	Campania_62	VM_H10	HM051193
CUC_S16_09	1	wild boar	Italy	Salerno province, Cuccaro	Campania_63	VM_H02	HM051194
CUC_S10_02	1	wild boar	Italy	Salerno province, Cuccaro	Campania_64	VM_H01	HM051193
CUC_S10_03	1	wild boar	Italy	Salerno province, Cuccaro	Campania_65	VM_H01	HM051193
CUC_S10_04	1	wild boar	Italy	Salerno province, Cuccaro	Campania_66	VM_H02	HM051194
CUC_S10_06	1	wild boar	Italy	Salerno province, Cuccaro	Campania_67	VM_H01	HM051193
CUC_S10_10	1	wild boar	Italy	Salerno province, Cuccaro	Campania_68	VM_H01	HM051193
CUC_S14_01	1	wild boar	Italy	Salerno province, Cuccaro	Campania_69	VM_H13	KF873475
CUC_S14_02	1	wild boar	Italy	Salerno province, Cuccaro	Campania_70	VM_H13	KF873475
CUC_S14_03	1	wild boar	Italy	Salerno province, Cuccaro	Campania_71	VM_H01	HM051193
CUC_06	1	wild boar	Italy	Salerno province, Cuccaro	Campania_72	VM_H01	HM051193
CUC_07	1	wild boar	Italy	Salerno province, Cuccaro	Campania_73	VM_H01	HM051193
CUC_08	1	wild boar	Italy	Salerno province, Cuccaro	Campania_74	VM_H01	HM051193
CUC_09	1	wild boar	Italy	Salerno province, Cuccaro	Campania_75	VM_H12	KF873474

Specimen	No. ind.	Status	Country	Location	Area	Haplotype	Accession number
CUC_10	1	wild boar	Italy	Salerno province, Cuccaro	Campania_76	VM_H13	KF873475
CUC_11	1	wild boar	Italy	Salerno province, Cuccaro	Campania_77	VM_H02	HM051194
CUC_12	1	wild boar	Italy	Salerno province, Cuccaro	Campania_78	VM_H01	HM051193
CUC_13	1	wild boar	Italy	Salerno province, Cuccaro	Campania_79	VM_H02	HM051194
CUC_14	1	wild boar	Italy	Salerno province, Cuccaro	Campania_80	VM_H01	HM051193
CUC_15	1	wild boar	Italy	Salerno province, Cuccaro	Campania_81	VM_H01	HM051193
CUC_17	1	wild boar	Italy	Salerno province, Cuccaro	Campania_82	VM_H19	KF873481
CUC_19	1	wild boar	Italy	Salerno province, Cuccaro	Campania_83	VM_H13	KF873475
CUC_20	1	wild boar	Italy	Salerno province, Cuccaro	Campania_84	VM_H01	HM051193
CUC_21	1	wild boar	Italy	Salerno province, Cuccaro	Campania_85	VM_H02	HM051194
CUC_22	1	wild boar	Italy	Salerno province, Cuccaro	Campania_86	VM_H02	HM051194
LAU_S11_01	1	wild boar	Italy	Salerno province, Laurino	Campania_87	VM_H01	HM051193
LAU_S11_02	1	wild boar	Italy	Salerno province, Laurino	Campania_88	VM_H07	HM51199
LAU_S11_03	1	wild boar	Italy	Salerno province, Laurino	Campania_89	VM_H07	HM51199
LAU_S11_04	1	wild boar	Italy	Salerno province, Laurino	Campania_90	VM_H01	HM051193
LAU_S11_05	1	wild boar	Italy	Salerno province, Laurino	Campania_91	VM_H13	KF873475
LAU_S11_06	1	wild boar	Italy	Salerno province, Laurino	Campania_92	VM_H07	HM51199
LAU_S11_07	1	wild boar	Italy	Salerno province, Laurino	Campania_93	VM_H01	HM051193
LAU_S11_08	1	wild boar	Italy	Salerno province, Laurino	Campania_94	VM_H01	HM051193
LAU_S11_09	1	wild boar	Italy	Salerno province, Laurino	Campania_95	VM_H01	HM051193
LAU_S11_11	1	wild boar	Italy	Salerno province, Laurino	Campania_96	VM_H07	HM51199
LAU_Stio38	1	wild boar	Italy	Salerno province, Laurino	Campania_97	VM_H37	KF873499
SAC_29	1	wild boar	Italy	Salerno province, Sacco	Campania_98	VM_H17	KF873479
SAC_30	1	wild boar	Italy	Salerno province, Sacco	Campania_99	VM_H17	KF873479
SAC_31	1	wild boar	Italy	Salerno province, Sacco	Campania_100	VM_H17	KF873479
SAC_32	1	wild boar	Italy	Salerno province, Sacco	Campania_101	VM_H17	KF873479
SAC_33	1	wild boar	Italy	Salerno province, Sacco	Campania_102	VM_H17	KF873479
SAC_34	1	wild boar	Italy	Salerno province, Sacco	Campania_103	VM_H17	KF873479
SAC_35	1	wild boar	Italy	Salerno province, Sacco	Campania_104	VM_H17	KF873479
SAN_36d	1	wild boar	Italy	Salerno province, Sanza	Campania_105	VM_H19	KF873481
SAN_37	1	wild boar	Italy	Salerno province, Sanza	Campania_106	VM_H19	KF873481
SAN_ROF67d	1	free-living pig	Italy	Salerno province, Sanza	Campania_107	VM_H07	HM51199
VM_SC102	1	wild boar	Italy	Sardinia - Arzachena	Sardinia_01	VM_H22	KF873484
VM_SC103	1	wild boar	Italy	Sardinia - Arzachena	Sardinia_02	VM_H36	KF873498
VM_SC152	1	wild boar	Italy	Sardinia - Arzachena	Sardinia_03	VM_H20	KF873482
VM_SC132	1	wild boar	Italy	Sardinia - Arzana	Sardinia_04	VM_H21	KF873483
VM_SC108	1	wild boar	Italy	Sardinia - Benetutti	Sardinia_05	VM_H27	KF873489
VM_SC113	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_06	VM_H26	KF873488
VM_SC105	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_07	VM_H34	KF873496
VM_SC107	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_08	VM_H20	KF873482
VM_SC109	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_09	VM_H25	KF873487
VM_SC110	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_10	VM_H20	KF873482
VM_SC111	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_11	VM_H23	KF873485
VM_SC101	1	wild boar	Italy	Sardinia - Escalaplano	Sardinia_12	VM_H21	KF873483
VM_106	1	free-living pig	Italy	Sardinia - Escalaplano	Sardinia_13	VM_H32	KF873494
VM_SC150	1	wild boar	Italy	Sardinia - Fordongianus	Sardinia_14	VM_H38	KF873500
VM_SC129	1	wild boar	Italy	Sardinia - Golgo	Sardinia_15	VM_H01	HM51193
VM_M11	1	wild boar	Italy	Sardinia - Golgo	Sardinia_16	VM_H29	KF873491
VM_M14	1	wild boar	Italy	Sardinia - Golgo	Sardinia_17	VM_H30	KF873492

Specimen	No. ind.	Status	Country	Location	Area	Haplotype	Accession number
VM_131	1	free-living pig	Italy	Sardinia - Golgo	Sardinia_18	VM_H01	HM51193
VM_SC114	1	wild boar	Italy	Sardinia - Jerzu	Sardinia_19	VM_H20	KF873482
VM_SC051	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_20	VM_H28	KF873490
VM_SC054	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_21	VM_H22	KF873484
VM_SC057	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_22	VM_H24	KF873486
VM_SC060	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_23	VM_H07	HM51199
VM_SC069	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_24	VM_H33	KF873495
VM_M10	1	free-living pig	Italy	Sardinia - Lanusei	Sardinia_25	VM_H31	KF873493
VM_M13	1	wild boar	Italy	Sardinia - Lanusei	Sardinia_26	VM_H31	KF873493
VM_SC121	1	wild boar	Italy	Sardinia - Motoline	Sardinia_27	VM_H07	HM51199
VM_SC136	1	wild boar	Italy	Sardinia - Ogliastra	Sardinia_28	VM_H21	KF873483
VM_SC123	1	wild boar	Italy	Sardinia - Ogliastra	Sardinia_29	VM_H01	HM51193
VM_SC133	1	wild boar	Italy	Sardinia - Ogliastra	Sardinia_30	VM_H21	KF873483
VM_SC148	1	free-living pig	Italy	Sardinia - Ogliastra	Sardinia_31	VM_H29	KF873491
VM_SC145	1	wild boar	Italy	Sardinia - Oliena	Sardinia_32	VM_H21	KF873483
VM_M12	1	wild boar	Italy	Sardinia - Seui	Sardinia_33	VM_H07	HM51199
VM_SC112	1	wild boar	Italy	Sardinia - Seui	Sardinia_34	VM_H01	HM51193