

Supplementary Tables

Table S1. Samples introduced in this work characterized as AgV3 with complete N gene sequence.

Isolate	Specie	City	Department	Province	Year	Genbank accession number
392	Bovine	Alfredo Wagner	Tabuleiro	Santa Catarina	1991	KF864233
425	<i>Desmodus rotundus</i>	Palo Santo	Pirané	Formosa	1994	KF864234
484	Bovine	Santa Ana	Candelaria	Misiones	1996	KF864235
485	Bovine	Loreto	Candelaria	Misiones	1996	KF864236
529	Bovine	N.A.	N.A.	Corrientes	1997	KF864237
A00	Bovine	Comandancia Frias	Gral. Güemes	Chaco	1999	KF864238
A01	Buffalo	Berón de Astrada	Berón de Astrada	Corrientes	1999	KF864239
A02	Buffalo	Saladas	Saladas	Corrientes	1999	KF864240
A04	Bovine	N.A.	Pilcomayo	Formosa	1999	KF864241
A06	Bovine	Bella Vista	Bella Vista	Corrientes	1999	KF864242
A07	Bovine	N.A.	Laishi	Formosa	1999	KF864243
A09	Bovine	Gral. Vedia	Bermejo	Chaco	1999	KF864244
A26	Bovine	N.A.	Gral. Paz	Corrientes	2000	KF864272
A28	Bovine	N.A.	Pilcomayo	Formosa	2000	KF864273
A30	Bovine	N.A.	Lib. Gral. San Martín	Chaco	2000	KF864274
A31	Bovine	Colonia Blanca Gomez	Patiño	Formosa	2000	KF864275
A32	Bovine	Mburucuyá	Mburucuyá	Corrientes	2000	KF864276
A59	Equine	Presidencia Roca	Lib. Gral. San Martín	Chaco	2000	KF864298
A60	Bovine	N.A.	Pirané	Formosa	2000	KF864302
A63	Bovine	Villa Escolar	Laishi	Formosa	2000	KF864304
A64	Bovine	N.A.	Concepción	Corrientes	2000	KF864307
A69	Bovine	Resistencia	San Fernando	Chaco	2000	KF864323
A76	Bovine	La Leonesa	Bermejo	Chaco	2000	KF864351
A79	Bovine	San Miguel	San Miguel	Corrientes	2000	KF864366
A82	Human	San Luis del Palmar	San Luis del Palmar	Corrientes	2001	KF864377
A87	Mule	La Leonesa	Bermejo	Chaco	2001	KF864392
A88	Bovine	Margarita Belén	1º de Mayo	Chaco	2001	KF864395
A89	Bovine	Lapachito	Gral. Donovan	Chaco	2001	KF864399
A92	Bovine	Lapachito	Gral. Donovan	Chaco	2001	KF864404
A94	Bovine	Las Palmas	Bermejo	Chaco	2001	KF864408
A95	Bovine	N.A.	Gral. Paz	Corrientes	2001	KF864412
A96	Equine	Pte. Irigoyen	Formosa	Formosa	2001	KF864415
A105	Bovine	Campo Varela	1º de Mayo	Chaco	2001	KF864245
A106	Bovine	Pampa Almirón	Lib. Gral. San Martín	Chaco	2001	KF864404
A109	Bovine	N.A.	Concepción	Corrientes	2001	KF864247
A111	Bovine	N.A.	Concepción	Corrientes	2001	KF864248
A113	Bovine	N.A.	Pirané	Formosa	2001	KF864249
A127	Bovine	N.A.	Pilcomayo	Formosa	2001	KF864250

A128	Bovine	Guaycolec	Formosa	Formosa	2001	KF864251
A129	Bovine	El Fiscal	Lib. Gral. San Martín	Chaco	2001	KF864252
A131	Bovine	Colonia Pastoril	Formosa	Formosa	2001	KF864253
A132	Bovine	N.A.	Pirané	Formosa	2001	KF864254
A133	Bovine	N.A.	Pirané	Formosa	2002	KF864255
A136	Bovine	Basail	San Fernando	Chaco	2002	KF864256
A163	Bovine	N.A.	N.A.	Chaco	2002	KF864257
A168	Bovine	Reconquista	Gral. Obligado	Santa Fé	2002	KF864258
A182	Bovine	Burruyacú	Burruyacú	Tucumán	2002	KF864259
A236	Bovine	El Corralito	Pirané	Formosa	2003	KF864260
A238	Porcine	N.A.	Pirané	Formosa	2003	KF864261
A239	Bovine	La Leonesa	Bermejo	Chaco	2003	KF864262
A240	Bovine	Est. Monte Claro	Formosa	Formosa	2003	KF864263
A251	Bovine	Tacural	Gral. Paz	Corrientes	2003	KF864264
A252	Bovine	Corrientes	Capital	Corrientes	2003	KF864265
A255	Bovine	El Colorado	Pirané	Formosa	2003	KF864266
A257	Bovine	Ituzaingó	Ituzaingó	Corrientes	2003	KF864267
A258	Bovine	Colonia Santa Rosa	Concepción	Corrientes	2003	KF864268
A263	Bovine	Gral. Manuel Belgrano	Patiño	Formosa	2003	KF864269
A265	Bovine	N.A.	1º de Mayo	Chaco	2003	KF864270
A267	Bovine	N.A.	Pilcomayo	Formosa	2003	KF864271
A355	Equine	Las Cañitas	Trancas	Tucumán	2003	KF864277
A359	Equine	Ticucho	Trancas	Tucumán	2003	KF864278
A374	Equine	Trancas	Trancas	Tucumán	2003	KF864279
A432	Bovine	N.A.	N.A.	Formosa	2004	KF864280
A449	Bovine	P3600 PCW	Formosa	Formosa	2004	KF864281
A450	Bovine	N.A.	Pirané	Formosa	2004	KF864282
A460	Bovine	Gral. Manuel Belgrano	Patiño	Formosa	2004	KF864283
A461	Bovine	N.A.	Lib. Gral. San Martín	Chaco	2004	KF864284
A467	Bovine	Pozo del Sauce	Rivadavia	Salta	2004	KF864285
A530	Bovine	Mayor Vicente Villafañe	Pirané	Formosa	2005	KF864286
A546	Bovine	N.A.	N.A.	Formosa	2005	KF864287
A551	Bovine	N.A.	N.A.	Corrientes	2006	KF864288
A556	Bovine	N.A.	N.A.	Corrientes	2005	KF864289
A560	Bovine	N.A.	N.A.	Corrientes	2005	KF864290
A575	Bovine	N.A.	N.A.	Formosa	2005	KF864291
A577	Bovine	N.A.	N.A.	Corrientes	2005	KF864292
A578	Bovine	N.A.	N.A.	Corrientes	2005	KF864293
A579	Bovine	N.A.	N.A.	Corrientes	2005	KF864294
A580	Bovine	N.A.	N.A.	Corrientes	2005	KF864295
A592	Bovine	N.A.	Gral. Manuel Belgrano	Misiones	2005	KF864296
A593	Bovine	Joaquin V. Gonzalez	Anta	Salta	2005	KF864297
A605	Bovine	N.A.	Formosa	Formosa	2005	KF864299
A606	Bovine	N.A.	1º de Mayo	Chaco	2005	KF864300
A607	Equine	La Sueña	Pirané	Formosa	2006	KF864301
A634	Bovine	Puerto Expedición	Lib. Gral. San Martín	Chaco	2005	KF864303

A640	Bovine	La Eduvigis	Lib. Gral. San Martín	Chaco	2006	KF864305
A642	Bovine	Las Lomitas	Patiño	Formosa	2006	KF864306
A655	Equine	Corrientes	Capital	Corrientes	2006	KF864308
A656	Equine	Corrientes	Capital	Corrientes	2006	KF864309
A657	Bovine	N.A.	N.A.	Corrientes	2006	KF864310
A658	Bovine	N.A.	N.A.	Corrientes	2006	KF864311
A660	Bovine	N.A.	N.A.	Corrientes	2006	KF864312
A661	Bovine	N.A.	N.A.	Corrientes	2006	KF864313
A665	Bovine	N.A.	N.A.	Corrientes	2006	KF864314
A685	Bovine	N.A.	25 de Mayo	Chaco	2006	KF864315
A686	Bovine	La Leonesa	Bermejo	Chaco	2006	KF864316
A687	Bovine	La Leonesa	Bermejo	Chaco	2006	KF864317
A689	Bovine	N.A.	Lib. Gral. San Martín	Chaco	2006	KF864318
A691	Bovine	N.A.	Laishi	Formosa	2006	KF864319
A697	Bovine	N.A.	Formosa	Formosa	2006	KF864320
A698	Bovine	N.A.	Bermejo	Chaco	2006	KF864321
A699	<i>Desmodus rotundus</i>	Laguna Limpia	Lib. Gral. San Martín	Chaco	2006	KF864322
A700	Bovine	La Leonesa	Bermejo	Chaco	2006	KF864324
A701	Bovine	N.A.	Patiño	Formosa	2006	KF864325
A703	Bovine	Villa Gral. Güemes	Patiño	Formosa	2006	KF864326
A704	Bovine	Aristóbulo del Valle	Cainguás	Misiones	2006	KF864327
A705	Bovine	N.A.	N.A.	Chaco	2006	KF864328
A709	Bovine	N.A.	Cainguás	Misiones	2006	KF864329
A710	Bovine	N.A.	1º de Mayo	Chaco	2006	KF864330
A712	Bovine	Gral. José de San Martín	Lib. Gral. San Martín	Chaco	2006	KF864331
A713	Bovine	La Leonesa	Bermejo	Chaco	2006	KF864332
A714	Bovine	N.A.	1º de Mayo	Chaco	2006	KF864333
A717	Bovine	Isla de Cañas	Iruya	Salta	2006	KF864334
A718	Bovine	Las Palmas	Bermejo	Chaco	2006	KF864335
A720	Bovine	N.A.	Pilcomayo	Formosa	2006	KF864336
A721	Bovine	Ibarreta	Patiño	Formosa	2006	KF864337
A722	Bovine	Gral. Vedia	Bermejo	Chaco	2006	KF864338
A723	Bovine	N.A.	Lib. Gral. San Martín	Chaco	2006	KF864339
A724	Bovine	N.A.	Patiño	Formosa	2006	KF864340
A725	Bovine	Colonia Elisa	Sargento Cabral	Chaco	2006	KF864341
A726	Bovine	Colonia Elisa - Legua 54	Sargento Cabral	Chaco	2006	KF864342
A727	Bovine	Colonia Elisa	Sargento Cabral	Chaco	2006	KF864343
A728	Bovine	Colonia Elisa	Sargento Cabral	Chaco	2006	KF864344
A729	Bovine	Isla del Cerrito	Bermejo	Chaco	2006	KF864345
A731	Bovine	Gran Guardia	Formosa	Formosa	2006	KF864346
A763	Bovine	Orán	Orán	Salta	2007	KF864347
A767	Bovine	Las Lomitas	Patiño	Formosa	2006	KF864348
A768	Equine	Margarita Belén	1º de Mayo	Chaco	2007	KF864349
A769	Bovine	Las Lomitas	Patiño	Formosa	2007	KF864350
A770	Bovine	Capitan Solari	Sargento Cabral	Chaco	2007	KF864352

A772	Bovine	Costa Parana 20 Km	San Cosme	Corrientes	2007	KF864353
A773	Bovine	Puerto Vélaz	Bermejo	Chaco	2007	KF864354
A776	Bovine	Gral. Güemes	Gral. Güemes	Salta	2007	KF864355
A777	Bovine	Tres Monjes	Laishi	Formosa	2007	KF864356
A784	Bovine	Tartagal	Gral. José San Martín	Salta	2007	KF864357
A786	Bovine	Tartagal	Gral. José San Martín	Salta	2007	KF864358
A790	Bovine	Tatané	Laishi	Formosa	2007	KF864359
A792	Bovine	Tres Monjes	Laishi	Formosa	2007	KF864360
A794	Bovine	Herradura	Laishi	Formosa	2007	KF864361
A795	Bovine	Isla Sole	Patiño	Formosa	2007	KF864362
A796	Bovine	Tres Isletas	Maipú	Chaco	2007	KF864363
A798	Bovine	Gral. Vedia	Bermejo	Chaco	2007	KF864364
A799	Bovine	Pampa del Indio	Lib. Gral. San Martín	Chaco	2007	KF864365
A800	Bovine	San Hilario	Formosa	Formosa	2007	KF864367
A802	Bovine	Bermejo	Bermejo	Chaco	2007	KF864368
A804	Bovine	Comandante Fontana	Patiño	Formosa	2007	KF864369
A805	Bovine	Campo Araoz	Lib. Gral. San Martín	Chaco	2007	KF864370
A807	Equine	Puerto Bermejo	Bermejo	Chaco	2007	KF864371
A811	Bovine	Machagai	25 de Mayo	Chaco	2007	KF864372
A813	Bovine	Machagai	25 de Mayo	Chaco	2007	KF864373
A821	Bovine	N.A.	N.A.	Catamarca	2007	KF864374
A824	Bovine	N.A.	Gral. San Martín	Salta	2007	KF864375
A829	Bovine	Pcia de la Plaza	Pcia de la Plaza	Chaco	2007	KF864376
A838	Bovine	N.A.	N.A.	Formosa	2007	KF864378
A839	Bovine	Gran Guardia	Formosa	Formosa	2007	KF864379
A845	<i>Chrysocyon brachyurus</i>	N.A.	Berón de Astrada	Corrientes	2007	KF864380
A851	Equine	Pilagá Tercero	Pirané	Formosa	2008	KF864381
A858	Equine	Tatané	Laishi	Formosa	2008	KF864382
A859	Bovine	Colonia Pastoril	Formosa	Formosa	2008	KF864383
A860	Bovine	Colonia 9 de Julio	Pirané	Formosa	2008	KF864384
A865	Bovine	Potrero Norte	Pirané	Formosa	2008	KF864385
A867	Bovine	N.A.	Lib. Gral. San Martín	Chaco	2008	KF864386
A868	Bovine	El Espinillo	Pilagás	Formosa	2008	KF864387
A869	Bovine	El Martillo	Lib. Gral. San Martín	Chaco	2008	KF864388
A871	Bovine	Palo Santo	Pirané	Formosa	2008	KF864389
A873	Bovine	Colonia Pastoril	Formosa	Formosa	2008	KF864390
A875	Bovine	N.A.	Bermejo	Chaco	2008	KF864391
A882	Bovine	Fuerte Esperanza	Gral. Güemes	Chaco	2008	KF864393
A883	Bovine	Juan José Castelli	Gral. Güemes	Chaco	2008	KF864394
A890	Bovine	N.A.	Anta	Salta	2008	KF864396
A893	<i>Desmodus rotundus</i>	El Alto	El Alto	Catamarca	2008	KF864397
A896	Bovine	La Puerta	Ambato	Catamarca	2008	KF864398
A903	Bovine	N.A.	El Alto	Catamarca	2008	KF864400
A908	Bovine	Clorinda	Pilcomayo	Formosa	2008	KF864401

A923	Bovine	La Textil	Lib. Gral. San Martín	Chaco	2009	KF864402
A926	Bovine	Fuerte Esperanza	Gral. Güemes	Chaco	2009	KF864403
A930	Bovine	Comandante Fontana	Patiño	Formosa	2009	KF864405
A944	Bovine	Morillo	Rivadavia	Salta	2009	KF864406
A947	Bovine	El Alba	Pirané	Formosa	2009	KF864407
A950	Bovine	El Colorado	Pirané	Formosa	2009	KF864409
A952	Bovine	Morillo	Rivadavia	Salta	2009	KF864410
A955	Bovine	Las Lajitas	Anta	Salta	2009	KF864411
A964	Bovine	N.A.	Fray Mamerto Esquiú	Catamarca	2009	KF864413
A967	Bovine	El Colorado	Pirané	Formosa	2009	KF864414

N.A.: not available information.

Table S2. Samples introduced in this work characterized as AgV3 with partial N gene sequence (264 pb).

Isolate	Specie	City	Department	Province	Year	Genbank accession number
5578bv-Sal98	Bovine	N.A.	N.A.	Salta	1998	KF864416
655bv-Sal03	Bovine	N.A.	N.A.	Salta	2003	KF864417
A02	Buffalo	Saladas	Saladas	Corrientes	1999	KF864423
A03	Equine	Las Garcitas	Sargento Cabral	Chaco	1999	KF864424
A04	Bovine	Puerto Pilcomayo	Pilcomayo	Formosa	1999	KF864425
A08	Fox	Laguna Limpia	Lib. Gral. San Martín	Chaco	1999	KF864448
A27	Bovine	N.A.	Gral. Paz	Corrientes	2000	KF864422
A55	Bovine	Colonia Romero	Gral. Paz	Corrientes	2000	KF864426
A66	Bovine	Gral. José de San Martín	Lib. Gral. San Martín	Chaco	2000	KF864427
A72	Bovine	Puerto Velaz	Bermejo	Chaco	2000	KF864432
A73	Bovine	Pirané	Pirané	Formosa	2000	KF864434
A74	Bovine	Colonia Mixta	Gral. Donovan	Chaco	2000	KF864435
A75	Bovine	Colonia Mixta	Gral. Donovan	Chaco	2000	KF864436
A77	Bovine	Concepción	Concepción	Corrientes	2000	KF864437
A78	Bovine	Colonia Mixta	Gral. Donovan	Chaco	2000	KF864438
A84	Bovine	Itá Ibaté	Gral. Paz	Corrientes	2001	KF864441
A86	Bovine	La Leonesa	Bermejo	Chaco	2001	KF864444
A90	Equine	Colonia Mixta	Gral. Donovan	Chaco	2001	KF864450
A91	Bovine	Villa Ocampo	Gral. Obligado	Santa Fé	2001	KF864451
A93	Bovine	Las Palmas	Bermejo	Chaco	2001	KF864452
A107	Bovine	Potrero de los Caballos	Laishi	Formosa	2001	KF864418
A134	Canine	Posadas	Capital	Misiones	2002	KF864419
A135	Bovine	Estanislao del Campo	Patiño	Formosa	2002	KF864420
A186	Bovine	Cañada Ombú	Vera	Santa Fé	2002	KF864421
A671	Bovine	N.A.	N.A.	Chaco	2006	KF864428
A683	Bovine	Padre Lozano	Gral. José de San Martín	Salta	2006	KF864429
A695	Equine	N.A.	Sargento Cabral	Chaco	2006	KF864430
A708	Bovine	Machagai	25 de Mayo	Chaco	2006	KF864431
A730	Bovine	San Luis del Palmar	San Luis del Palmar	Corrientes	2006	KF864433
A818	Bovine	Río del Valle	Anta	Salta	2007	KF864439
A833	Bovine	Colonia Pastoril	Pcia de la Plaza	Chaco	2007	KF864440
A862	Bovine	El Asustado	Gral. Güemes	Chaco	2008	KF864442
A866	Bovine	Ramada Paso	Itatí	Corrientes	2008	KF864443
A870	Bovine	N.A.	Orán	Salta	2008	KF864445
A876	Bovine	N.A.	Rivadavia	Salta	2008	KF864446
A889	Bovine	Pampa de los Guanacos	Copo	Santiago del Estero	2008	KF864447
A904	Bovine	Monte Potrero	Paclín	Catamarca	2008	KF864449
A965	Bovine	Clorinda	Pilcomayo	Formosa	2009	KF864453
COct-Cte06	Canine	Corrientes	Capital	Corrientes	2006	KF864454
C1Bv-Cte06	Bovine	Paso de la Patria	San Cosme	Corrientes	2006	KF864455
C2Bv-Cha06	Bovine	Isla del Cerrito	Bermejo	Chaco	2006	KF864456
C3Bv-Cte06	Bovine	Isla del Cerrito	Bermejo	Chaco	2006	KF864457

C4Hr-Cte06	Equine	Riachuelo - Km 1023 (NR nº 12)	Capital	Corrientes	2006	KF864458
C5Bv-Cte06	Bovine	Empedrado	Empedrado	Corrientes	2006	KF864459

N.A.: not available information.

Table S3. Spatial and temporal structure analysis using BaTS software.

Dataset	Label	Association Index (AI)			Parsimony Score (PS)		
		AI observed (95% CI)	AI expected (95% CI)	p-value	PS observed (95% CI)	PS expected (95% CI)	p-value
Complete N (n= 790)	Country	1.0 (0.6 – 1.4)	61.4 (59.1 – 63.7)	< 0.001	22.5 (21.0 – 24.0)	355.5 (348.0 – 362.9)	< 0.001
	Year	45.2 (42.9 – 47.7)	87.1 (85.5 – 88.6)	< 0.001	348.5 (342.0 – 355.0)	591.3 (582.8 – 599.7)	< 0.001
Complete N (n=547)	State/ Province	11.2 (9.8 – 12.6)	53.0 (51.5 – 54.6)	< 0.001	93.2 (89.0 – 97.0)	321.8 (316.6 – 326.9)	< 0.001
	Year	30.1 (28.0 – 32.2)	60.2 (58.7 – 61.5)	< 0.001	230.7 (225.0 – 236.0)	405.1 (398.0 – 412.0)	< 0.001
NWA (n=25)	State/ Province	0.6 (0.5 – 0.9)	2.4 (1.8 – 2.8)	< 0.001	7.1 (6.0 – 8.0)	14.4 (12.6 – 15.8)	< 0.001
	Year	1.5 (1.1 – 1.9)	2.7 (2.2 – 3.0)	0.001	13.9 (13.0 – 14.0)	17.1 (15.4 – 18.6)	0.003
NEA (n=131)	State/ Province	2.9 (2.1 – 3.7)	8.6 (7.7 – 9.6)	< 0.001	22.6 (20.0 – 26.0)	57.1 (53.1 – 60.7)	< 0.001
	Year	6.9 (5.6 – 8.2)	12.3 (11.6 – 13.0)	< 0.001	59.9 (56.0 – 63.0)	89.9 (86.4 – 93.2)	< 0.001

Table S4. Bayes Factors for phylodynamic analyses on NWA and NEA groups.

A) Dataset NWA

	MLE (PS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2417.91	-	-7.53	-14.87
Cauchy	-2410.37	7.53	-	-7.34
Gamma	-2403.04	14.87	7.34	-

	MLE (SS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2417.91	-	-7.43	-14.33
Cauchy	-2410.48	7.43	-	-6.90
Gamma	-2403.58	14.33	6.90	-

B) Dataset NEA

	MLE (PS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-3291.87	-	-7.27	-15.34
Cauchy	-3284.59	7.27	-	-8.07
Gamma	-3276.52	15.34	8.07	-

	MLE (SS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-3292.19	-	-6.09	-14.27
Cauchy	-3286.10	6.09	-	-8.18
Gamma	-3277.92	14.27	8.18	-

^a Marginal Likelihood Estimates (in log) for Path Sampling (PS) or Stepping Stone (SS) analyses. Bayes Factor should be interpreted as how many times the model in the row fits better to the data than the model in the column. Values in bold are the log MLE and log BF values for best models considering that a log BF>2 is indicative of decisive evidence (Kass and Raftery, 1995).

References

Kass RE, Raftery AE (1995) Bayes factors. Journal of the American Statistical Association, 773-795.

Table S5. Bayes Factors for sensitivity analyses of NEA group.

A) Dataset NEA subsampled to obtain a uniform distribution of samples per year.

	MLE (PS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2663.64	-	-12.06	-4.23
Cauchy	-2651.59	12.06	-	7.82
Gamma	-2659.41	4.23	-7.82	-

	MLE (SS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2663.70	-	-11.97	-4.15
Cauchy	-2651.73	11.97	-	7.82
Gamma	-2659.56	4.15	-7.82	-

B) Dataset NEA subsampled to obtain a uniform distribution of samples per department.

	MLE (PS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2832.55	-	-5.58	-8.87
Cauchy	-2826.97	5.58	-	-3.29
Gamma	-2823.68	8.87	3.29	-

	MLE (SS) ^a	Homogeneous	Cauchy	Gamma
Homogeneous	-2832.50	-	-5.42	-8.51
Cauchy	-2827.08	5.42	-	-3.09
Gamma	-2823.98	8.51	3.09	-

^a Marginal Likelihood Estimates (in log) for Path Sampling (PS) or Stepping Stone (SS) analyses. Bayes Factor should be interpreted as how many times the model in the row fits better to the data than the model in the column. Values in bold are the log MLE and log BF values for best models considering that a log BF>2 is indicative of decisive evidence (Kass and Raftery, 1995).

References

Kass RE, Raftery AE (1995) Bayes factors. Journal of the American Statistical Association, 773-795.

Table S6. Substitution rates and tMRCA for the sensitivity analyses.

Dataset	Median Substitution rate^c (s/s/y) (HPD95%)	tMRCA^c (years) (HPD95%)
Complete NEA dataset	2.6×10^{-4} ($1.9 \times 10^{-4} - 3.4 \times 10^{-4}$)	17.6 (15.9 – 19.4)
Analysis 1^a	2.5×10^{-4} ($1.6 \times 10^{-4} - 3.5 \times 10^{-4}$)	19.6 (16.6 – 23.7)
Analysis 2^b	2.2×10^{-4} ($1.5 \times 10^{-4} - 3.1 \times 10^{-4}$)	19.3 (16.4 – 22.5)

^a Dataset NEA subsampled to obtain a uniform distribution of samples per year.

^b Dataset NEA subsampled to obtain a uniform distribution of samples per department.

^c Results correspond to those obtained with the model selected by Bayes Factor test (Table S5).