

Appendix S1. Landmark coordinates of the mandibles used in this study in TPS format.

Size increase without genetic divergence in the Eurasian water shrew *Neomys fodiens*

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LM= 16
5.329 11.342
3.097 9.166
2.195 9.495
2.834 7.869
3.642 7.173
2.091 6.083
4.140 6.243
6.706 5.378
8.529 5.406
11.227 5.764
12.157 6.450
11.800 6.647
10.851 7.051
9.234 7.211
7.721 7.183
6.565 7.079
ID= C5180_fodiens

LM= 16
3.912 13.065
2.305 10.806
1.361 11.156
1.809 9.540
2.821 8.829
1.088 7.612
3.552 7.914
6.278 7.125
8.040 7.203
10.475 7.612
11.205 8.303
10.689 8.537
9.832 8.683
8.235 8.800
6.755 8.761
5.723 8.829
ID= C5356_fodiens

LM= 16
4.835 13.187
2.796 10.604
1.748 10.973
2.398 9.303
3.262 8.556
1.621 7.459
3.801 7.566
6.699 6.672
8.922 6.925
11.194 7.420
12.097 8.197
11.631 8.459
10.728 8.604
8.845 8.653
7.437 8.546
6.427 8.381
ID= C5365_niethammeri

LM= 16
3.915 13.500
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1.216 11.189
1.925 9.646
2.867 8.966
1.362 7.684
3.750 8.102
6.439 7.539
8.585 7.723
10.954 8.092
11.692 8.820
11.051 9.053
10.245 9.160
8.692 9.296
7.226 9.218
6.109 9.121
ID= C5372_niethammeri

LM= 16
4.212 12.627
2.208 10.266
1.202 10.680
1.493 8.986
2.500 8.055
0.684 7.124
2.970 7.001
6.028 5.901
8.154 5.929
10.571 6.446
11.879 7.284
11.061 7.632
10.026 7.754
8.210 7.905
6.639 7.829
5.492 7.905
ID= C5182_niethammeri

LM= 16
4.104 12.313
1.939 9.711
1.085 9.954
1.677 8.303
2.609 7.624
1.007 6.517
3.201 6.731
6.405 6.206
8.133 6.323
10.900 7.012
11.930 7.828
11.124 8.012
10.143 8.362
8.648 8.187
7.095 8.216
5.900 8.119
ID= C5357_niethammeri

LM= 16
5.407 13.220
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2.585 11.261
3.099 9.690
4.040 8.914
2.265 7.779
4.573 8.031
7.299 7.197
9.035 7.391
11.673 7.779
12.556 8.565
12.032 8.768
11.169 8.982
9.481 9.011
7.949 9.030
6.872 8.923
ID= C5367_fodiens

LM= 16
4.641 11.926
3.091 9.823
1.996 10.104
2.665 8.544
3.440 8.089
1.793 6.945
4.012 7.062
6.521 6.344
8.585 6.470
10.921 6.848
11.609 7.420
11.124 7.643
10.223 7.856
8.818 8.118
7.539 8.040
6.415 7.905
ID= C5374_fodiens

LM= 16
4.774 12.114
3.041 9.327
2.006 9.619
2.646 8.018
3.682 7.293
2.194 5.956
4.379 6.370
7.269 5.796
9.557 6.050
11.949 6.822
12.797 7.651
12.185 7.858
11.193 7.860
9.520 7.924
8.037 7.740
6.827 7.566
ID= C5183_niethammeri

LM= 16
3.661 12.247
1.669 9.614
0.765 9.886
1.416 8.331
2.456 7.592
0.668 6.280
3.273 6.757
5.595 6.203
8.005 6.475
10.474 7.155
11.348 7.981
10.940 8.195
9.949 8.399
8.200 8.302
6.606 8.039
5.411 7.884
ID= C5359_niethammeri

LM= 16
4.434 13.207
2.334 10.888
1.320 11.307
1.915 9.561
2.861 8.859
1.027 7.668
3.583 7.902
6.139 7.200
8.207 7.405
11.232 7.776
12.159 8.498
11.476 8.810
10.471 8.995
8.812 8.898
7.202 8.956
6.002 8.829
ID= C5368_niethammeri

LM= 16
4.479 11.850
2.548 9.474
1.617 9.765
2.345 8.242
3.198 7.476
1.491 6.370
3.916 6.680
6.554 6.098
8.572 6.292
11.200 6.748
12.151 7.612
11.501 7.767
10.580 7.961
8.872 8.048
7.398 7.980
6.176 7.699
ID= C5375_fodiens

LM= 16
4.650 11.419
2.610 8.712
1.652 9.173
2.197 7.397
3.080 6.729
1.389 5.470
3.550 5.658
6.689 4.718
8.494 4.944
11.398 5.498
12.112 6.344
11.586 6.560
10.637 6.767
8.992 6.861
7.357 6.682
6.266 6.720
ID= C5185_niethammeri

LM= 16
3.660 12.452
2.362 9.729
1.228 10.107
1.887 8.411
3.060 7.674
1.170 6.269
3.796 6.618
6.441 6.085
8.728 6.579
11.344 7.209
11.994 8.052
11.354 8.246
10.521 8.440
8.738 8.304
7.255 8.188
5.996 8.014
ID= C5361_niethammeri

LM= 16
4.016 12.270
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1.633 8.384
2.582 7.793
1.022 6.747
3.396 6.999
5.761 6.475
8.222 6.630
10.693 7.241
11.381 7.997
11.051 8.278
10.073 8.491
8.319 8.626
6.768 8.249
5.635 8.200
ID= C5369_fodiens

LM= 16
4.687 13.554
3.186 11.267
2.120 11.645
2.701 10.017
3.544 9.348
1.926 8.302
4.155 8.408
6.412 7.517
8.767 7.672
11.005 7.953
11.955 8.680
11.296 8.903
10.482 9.164
8.941 9.436
7.449 9.358
6.344 9.290
ID= C5376_fodiens

LM= 16
4.098 11.964
2.209 9.756
1.250 10.169
1.711 8.440
2.519 7.801
0.771 6.842
3.224 6.833
6.109 6.006
7.820 6.147
10.432 6.664
11.062 7.265
10.667 7.556
9.859 7.857
8.233 7.970
6.748 7.923
5.630 7.848
ID= C5186_fodiens

LM= 16
4.801 13.065
2.978 10.686
1.853 11.268
2.270 9.571
3.055 8.902
1.222 7.932
3.666 7.893
6.450 6.855
8.632 6.991
10.815 7.262
11.891 7.893
11.241 8.135
10.359 8.407
8.739 8.533
7.090 8.591
5.955 8.591
ID= C5362_fodiens

LM= 16
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2.702 11.584
1.895 11.934
2.400 10.408
3.275 9.728
1.691 8.533
3.955 8.707
6.540 7.949
8.348 8.017
10.982 8.426
11.603 9.184
11.166 9.534
10.301 9.524
8.834 9.767
7.376 9.747
6.210 9.553
ID= C5370_fodiens

LM= 16
4.215 13.200
2.165 10.683
1.144 11.013
1.689 9.400
2.719 8.632
0.746 7.485
3.350 7.738
5.955 7.019
8.034 7.155
10.668 7.612
11.620 8.428
11.232 8.690
10.231 8.914
8.491 8.885
6.897 8.817
5.741 8.720
ID= C5377_niethammeri

LM= 16
4.218 11.633
2.422 9.171
1.473 9.528
2.009 8.015
2.845 7.357
1.229 6.238
3.428 6.445
6.257 5.618
7.892 5.684
10.458 6.135
11.219 6.887
10.731 7.169
9.838 7.347
8.268 7.441
6.605 7.413
5.656 7.357
ID= C5188_fodiens

LM= 16
4.074 13.589
2.432 11.060
1.394 11.409
1.928 9.721
2.927 8.974
1.181 7.820
3.586 8.014
6.642 7.034
8.397 7.073
11.113 7.510
11.928 8.305
11.385 8.538
10.609 8.761
8.795 8.780
7.165 8.809
5.934 8.819
ID= C5364_niethammeri

LM= 16
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1.860 11.945
2.258 10.238
3.111 9.452
1.297 8.453
3.577 8.356
6.894 7.328
8.591 7.464
10.744 7.803
11.899 8.434
11.152 8.676
10.298 8.889
8.698 9.064
7.127 9.151
6.021 9.161
ID= C5371_niethammeri

LM= 16
5.340 12.568
3.459 9.851
2.427 10.231
3.068 8.416
4.090 7.742
2.459 6.611
4.698 6.764
7.437 6.024
9.785 6.296
12.242 7.035
13.242 7.840
12.481 7.927
11.742 8.296
10.014 8.264
8.470 8.079
7.253 7.992
ID= C5603_niethammeri

LM= 16		LM= 16		LM= 16		LM= 16	
3.899	13.117	4.721	13.347	4.963	12.742	5.276	14.563
2.193	10.269	2.743	10.848	2.965	10.361	3.521	11.866
0.986	10.628	1.669	11.358	1.881	10.765	2.459	12.180
1.541	8.965	2.148	9.731	2.455	9.224	3.033	10.468
2.562	8.247	3.147	8.892	3.358	8.618	3.434	9.731
0.791	7.258	1.191	7.988	1.690	7.524	2.102	8.735
3.280	7.215	3.796	7.998	3.911	7.651	4.594	8.789
5.965	6.367	6.582	7.010	6.504	7.024	7.345	8.052
8.062	6.421	8.378	7.073	8.353	7.194	9.675	8.431
10.758	6.671	10.983	7.201	10.956	7.545	12.459	9.103
11.758	7.552	11.866	7.850	11.520	8.247	13.228	9.970
11.041	7.736	11.536	8.211	11.041	8.576	12.708	10.219
10.171	7.986	10.558	8.487	10.244	8.682	11.809	10.306
8.410	8.204	8.836	8.636	8.661	8.757	10.184	10.360
6.791	8.247	7.273	8.594	7.205	8.693	8.429	10.067
5.660	8.280	6.061	8.732	6.111	8.597	7.204	9.991
ID= C5604_niethammeri		ID= C5741_niethammeri		ID= C6069_fodiens		ID= C6111_niethammeri	
LM= 16		LM= 16		LM= 16		LM= 16	
4.089	13.093	3.309	11.923	3.510	11.830	6.174	12.567
2.271	10.536	1.489	9.689	1.560	9.067	4.434	10.062
1.260	10.851	0.489	10.040	0.466	9.479	3.157	10.267
1.782	9.241	1.138	8.433	1.062	7.919	3.807	8.622
2.685	8.566	1.968	7.816	2.080	7.280	4.683	8.049
0.879	7.348	0.351	6.668	0.531	6.002	2.887	6.988
3.175	7.446	2.660	6.902	2.795	6.197	5.289	7.042
6.178	6.434	5.202	6.242	5.503	5.687	8.179	6.177
8.234	6.553	7.436	6.572	7.562	5.904	10.332	6.350
11.009	6.847	10.053	7.104	9.988	6.532	12.681	6.902
11.923	7.859	10.691	7.721	11.017	7.507	13.503	7.813
11.303	7.979	10.213	7.976	10.357	7.605	12.886	7.943
10.324	8.294	9.287	8.199	9.425	7.659	12.161	8.041
8.550	8.403	7.638	8.370	7.908	7.583	10.386	8.052
6.896	8.479	6.074	8.168	6.197	7.464	8.752	7.943
5.775	8.425	4.979	7.902	4.994	7.302	7.389	8.019
ID= C5605_niethammeri		ID= C5742_fodiens		ID= C6103_niethammeri		ID= C6112_niethammeri	
LM= 16		LM= 16		LM= 16		LM= 16	
3.782	13.061	4.798	11.806	3.457	12.800	3.420	12.516
1.705	10.503	3.064	9.465	1.440	10.088	1.844	10.043
0.667	10.778	2.117	9.816	0.409	10.490	0.818	10.410
1.366	9.168	2.649	8.146	1.038	8.874	1.272	8.822
2.394	8.543	3.457	7.593	1.982	8.191	2.135	8.056
0.657	7.452	1.830	6.391	0.323	6.835	0.624	6.976
2.987	7.632	4.234	6.593	2.513	7.160	2.686	7.084
5.307	6.975	6.415	6.061	5.084	6.423	5.569	6.263
8.421	7.251	8.425	6.242	7.187	6.575	7.632	6.393
10.519	7.759	11.308	6.604	10.040	7.150	10.267	6.900
11.144	8.437	12.213	7.423	11.027	8.039	11.001	7.537
10.762	8.702	11.489	7.529	10.159	8.212	10.429	7.861
9.862	8.787	10.670	7.678	9.259	8.397	9.619	8.045
8.156	8.829	9.032	7.763	7.686	8.548	7.783	8.077
6.620	8.818	7.596	7.731	6.157	8.408	6.228	7.991
5.349	8.713	6.404	7.646	4.953	8.180	5.062	7.980
ID= C5697_niethammeri		ID= C5744_fodiens		ID= C6104_niethammeri		ID= C6113_niethammeri	
LM= 16		LM= 16		LM= 2		LM= 2	
5.005	12.962	4.398	12.838	3.398	13.949	3.719	14.013
3.401	10.465	2.386	10.676	2.634	8.162	3.344	8.597
2.253	10.688	1.534	11.081	ID= C6105_niethammeri		ID= C6115_niethammeri	
3.007	9.190	2.023	9.473				
3.836	8.499	2.769	8.813				
2.232	7.447	0.980	7.811	LM= 2		LM= 16	
4.601	7.574	3.365	7.865	3.905	13.402	5.146	13.138
7.099	6.788	5.857	7.215	3.403	7.438	3.417	10.357
9.543	6.979	8.094	7.311	ID= C6106_niethammeri		2.346	10.627
12.179	7.447	10.788	7.598			3.049	9.080
13.156	8.169	11.374	8.142			3.969	8.311
12.338	8.371	10.820	8.440	LM= 2		2.346	7.186
11.413	8.637	9.862	8.695	5.040	12.552	4.705	7.413
9.787	8.754	8.253	8.834	3.675	7.105	7.519	6.796
8.215	8.701	6.762	8.855	ID= C6108_niethammeri		9.553	7.056
7.173	8.531	5.612	8.727			12.194	7.640
ID= C5699_niethammeri		ID= C6063_fodiens				12.973	8.420
				LM= 16		12.486	8.701
				3.913	12.667	11.415	8.939
				2.198	9.711	9.629	8.885
				1.033	10.067	8.157	8.690
				1.928	8.438	6.891	8.604
				2.964	7.726	ID= C6116_niethammeri	
				1.087	6.453		
				3.805	6.852		
				6.416	6.324	LM= 16	
				9.069	6.820	3.759	11.116
				11.205	7.510	2.209	9.330
				12.036	8.535	1.212	9.734
				11.421	8.589	1.767	8.240
				10.504	8.632	2.538	7.639
				8.821	8.514	1.034	6.595
				7.149	8.287	3.167	6.877
				5.909	8.104	5.564	6.266
				ID= C6109_niethammeri		7.425	6.492
						9.897	6.962
						10.526	7.573
						9.972	7.714
				LM= 16		9.229	7.845
				5.133	12.673	7.773	7.921
				3.042	9.921	6.241	7.864
				2.272	10.138	5.075	7.686
				3.020	8.578	ID= C5187_anomalus	
				4.201	7.895		
				2.652	6.465		
				5.133	7.137		
				7.635	6.584		
				9.661	7.050		
				12.315	7.819		
				13.041	8.719		
				12.630	8.979		
				11.568	8.968		
				9.791	8.697		
				8.209	8.426		
				7.245	8.339		
				ID= C6110_niethammeri			
LM= 16		LM= 16					
3.997	13.947	3.765	12.246				
1.987	11.344	2.139	9.957				
0.907	11.852	1.198	10.203				
1.373	10.074	1.957	8.545				
2.368	9.344	2.759	8.011				
0.505	8.222	1.305	6.738				
3.225	8.328	3.540	7.144				
6.336	7.661	6.043	6.642				
7.817	7.894	8.086	6.845				
10.283	8.275	10.695	7.390				
10.875	8.963	11.818	8.203				
10.378	9.270	11.005	8.481				
9.584	9.407	9.904	8.663				
7.987	9.492	8.192	8.513				
6.463	9.439	6.759	8.396				
5.373	9.513	5.658	8.246				
ID= C5709_niethammeri		ID= C6066_fodiens					

LM= 16
4.212 10.572
2.345 8.715
1.238 9.240
1.839 7.570
2.636 6.961
0.891 5.844
3.133 6.041
5.713 5.225
7.552 5.272
10.113 5.591
10.779 6.191
10.366 6.379
9.437 6.632
7.880 6.782
6.463 6.754
5.450 6.698
ID= C5189_anomalous

LM= 16
4.503 12.019
2.738 10.211
1.861 10.596
2.449 9.067
3.112 8.532
1.476 7.602
3.604 7.751
6.235 7.099
7.604 7.163
10.428 7.430
11.230 7.987
10.321 8.008
9.700 8.329
8.374 8.618
6.979 8.575
5.840 8.438
ID= C5719_anomalous

LM= 16
3.501 11.350
1.582 9.616
0.497 9.963
1.137 8.411
1.962 7.879
0.138 6.663
2.527 7.086
5.306 6.478
6.793 6.609
9.410 6.945
10.300 7.607
9.507 7.651
8.671 7.803
7.130 7.922
5.740 7.944
4.828 7.857
ID= C6121_anomalous

LM= 16
4.234 11.578
2.410 9.820
1.380 10.293
1.957 8.743
2.779 8.043
1.125 7.079
3.374 7.306
5.992 6.664
7.779 6.730
10.142 7.032
10.794 7.599
10.236 7.713
9.414 7.911
8.015 8.176
6.569 8.232
5.501 8.081
ID= C5190_anomalous

LM= 16
3.525 11.978
1.597 10.381
0.682 10.892
1.140 9.305
1.938 8.655
0.213 7.633
2.524 7.878
4.899 7.111
6.699 7.069
9.212 7.207
9.851 7.697
9.425 7.793
8.647 8.048
7.220 8.336
5.751 8.485
4.526 8.474
ID= C5720_anomalous

LM= 16
7.272 11.633
5.476 9.923
4.448 10.399
4.837 8.841
5.670 8.181
3.907 7.142
6.157 7.240
8.646 6.547
10.475 6.677
13.408 6.926
14.014 7.510
13.397 7.618
12.553 7.813
11.103 8.181
9.642 8.181
8.419 8.084
ID= C6124_anomalous

LM= 2
4.713 11.387
3.897 7.199
ID= C5379_anomalous

LM= 16
4.403 12.124
2.633 10.450
1.620 10.781
2.345 9.246
3.124 8.574
1.461 7.583
3.827 7.860
6.023 7.220
8.038 7.401
10.768 7.838
11.333 8.318
10.853 8.446
9.968 8.617
8.475 8.766
7.090 8.691
5.991 8.595
ID= C5726_anomalous

LM=16
3.918 12.102
1.991 9.949
1.076 10.283
1.679 8.743
2.433 8.140
0.926 7.075
3.262 7.193
5.791 6.472
7.739 6.569
10.194 6.946
10.883 7.484
10.409 7.807
9.645 7.968
8.052 8.087
6.502 8.076
5.393 8.044
ID= C101_fodiens

LM= 16
3.951 11.512
2.243 9.667
1.175 10.114
1.757 8.512
2.534 7.900
0.854 6.833
3.010 7.056
5.495 6.347
7.728 6.328
10.340 6.629
11.223 7.269
10.553 7.454
9.612 7.823
8.155 7.871
6.777 7.930
5.602 7.784
ID= C5381_anomalous

LM= 16
4.123 11.342
2.412 9.705
1.265 9.971
2.030 8.472
2.880 7.803
1.148 6.698
3.518 7.091
5.940 6.506
7.726 6.698
10.308 7.208
11.094 7.728
10.372 7.813
9.490 7.983
8.066 8.111
6.684 8.026
5.707 7.920
ID= C6065_anomalous

LM=16
3.924 12.464
1.880 10.454
1.043 10.627
1.772 9.117
2.489 8.497
0.826 7.312
3.141 7.606
5.587 6.845
7.652 7.051
10.293 7.345
11.206 8.117
10.554 8.378
9.685 8.704
8.130 8.910
6.685 8.867
5.456 8.584
ID= C1914_fodiens

LM= 16
4.193 11.070
2.597 9.202
1.284 9.572
2.023 7.950
2.889 7.425
1.002 6.277
3.512 6.598
5.905 6.072
7.879 6.306
10.545 6.792
11.021 7.386
10.554 7.502
9.737 7.512
8.200 7.707
6.683 7.609
5.671 7.444
ID= C5382_anomalous

LM= 2
4.774 12.723
3.942 8.182
ID= C5383_anomalous

LM= 16
4.159 11.312
2.370 9.598
1.407 9.904
2.243 8.296
2.973 7.778
1.429 6.582
3.587 7.037
6.095 6.497
8.063 6.751
10.635 7.312
11.079 7.852
10.582 7.936
9.714 8.137
8.370 8.296
6.878 8.201
5.820 7.979
ID= C5700_anomalous

LM= 16
2.953 11.136
1.183 8.846
0.239 9.171
1.129 7.836
1.911 7.315
0.358 5.871
2.899 6.696
5.092 6.349
7.404 6.772
9.728 7.521
10.401 8.303
9.684 8.194
8.794 8.151
7.437 8.107
5.982 7.803
4.918 7.608
ID= C6119_anomalous

LM= 16
3.156 11.818
1.312 9.988
0.217 10.173
0.868 8.774
1.594 8.275
0.174 7.028
2.451 7.396
5.021 6.800
7.006 7.006
9.273 7.548
9.945 8.123
9.392 8.329
8.470 8.405
7.093 8.481
5.596 8.470
4.436 8.210
ID= C6120_anomalous