Supplementary information

Table S1 Measured results (Δ14C, error).

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| Year (BC) | Δ14C (‰) | Error (‰) |
| 4681 | 77.5 | 4.7 |
| 4683 | 83.1 | 4.7 |
| 4685 | 74.9 | 4.7 |
| 4687 | 84.3 | 4.7 |
| 4689 | 88.8 | 4.7 |
| 4441 | 78.3 | 4.8 |
| 4443 | 79.6 | 4.6 |
| 4445 | 76.8 | 6.5 |
| 4447 | 72.3 | 4.6 |
| 4449 | 79.3 | 5.6 |
| 4451 | 63.1 | 5.4 |
| 4453 | 77.2 | 4.8 |
| 4455 | 77.7 | 4.8 |
| 4457 | 74.3 | 6.5 |
| 4459 | 71.7 | 4.8 |
| 4461 | 77.0 | 4.8 |
| 4463 | 64.6 | 4.8 |
| 4465 | 72.3 | 4.8 |
| 4031 | 82.0 | 5.2 |
| 4033 | 78.3 | 4.5 |
| 4035 | 95.5 | 4.7 |
| 4037 | 68.7 | 5.2 |
| 4039 | 63.2 | 4.5 |
| 4041 | 78.9 | 5.4 |
| 4043 | 76.7 | 6.8 |
| 4045 | 94.5 | 4.5 |
| 4047 | 72.9 | 4.5 |
| 4049 | 72.3 | 4.5 |
| 4051 | 71.1 | 4.5 |
| 4053 | 70.8 | 5.4 |
| 4055 | 65.3 | 4.8 |
| 2455 | 50.1 | 3.9 |
| 2457 | 42.0 | 3.9 |
| 2459 | 42.2 | 4.1 |
| 2461 | 44.5 | 3.9 |
| 2463 | 45.1 | 3.9 |
| 2465 | 46.9 | 3.9 |
| 2467 | 39.3 | 3.9 |
| 2469 | 39.4 | 3.9 |
| 2471 | 36.2 | 3.9 |
| 2473 | 34.1 | 3.9 |
| 2475 | 32.3 | 5.5 |
| 2477 | 38.0 | 3.9 |
| 2479 | 38.1 | 3.9 |