

**Additional file 2. Degree of relatedness in *Pan troglodyte* (chimpanzee) individuals**

| <b>Individual</b> | <b>Sex</b> | <b>Age</b> | <b><i>Pan troglodytes</i><br/>subspecies</b> | <b>Progeny</b> | <b>Parent</b> | <b>Half<br/>siblings</b> |
|-------------------|------------|------------|----------------------------------------------|----------------|---------------|--------------------------|
| 1                 | F          | 51         | verus                                        |                |               |                          |
| 2                 | F          | 50         |                                              |                |               |                          |
| 3                 | F          | 48         |                                              | 34             |               |                          |
| 4                 | F          | 46         |                                              | 25             |               |                          |
| 5                 | M          | 46         | verus                                        |                |               |                          |
| 6                 | M          | 43         |                                              | 20             |               |                          |
| 7                 | F          | 46         |                                              |                |               |                          |
| 8                 | M          | 45         |                                              |                |               |                          |
| 9                 | F          | 45         |                                              |                |               |                          |
| 10                | F          | 42         | verus                                        | 30, 27, 21     |               |                          |
| 11                | F          | 42         | verus                                        |                |               |                          |
| 12                | M          | 42         | verus                                        |                |               |                          |
| 13                | F          | 39         |                                              |                |               |                          |
| 14                | F          | 35         |                                              |                |               |                          |
| 15                | F          | 31         |                                              | 28             |               | 16                       |
| 16                | F          | 30         |                                              |                |               | 15                       |
| 17                | M          | 30         | verus                                        |                |               | 27                       |
| 18                | F          | 29         |                                              |                |               |                          |
| 19                | F          | 29         | schweinfurthii                               |                |               |                          |
| 20                | M          | 28         |                                              |                | 6             |                          |
| 21                | F          | 27         | verus                                        |                | 10            | 30, 27                   |
| 22                | F          | 26         |                                              |                |               |                          |
| 23                | F          | 25         |                                              |                |               |                          |
| 24                | M          | 25         | verus                                        |                |               | 26, 30                   |
| 25                | M          | 23         |                                              |                | 4             |                          |
| 26                | F          | 23         | verus                                        |                |               | 24, 30                   |
| 27                | F          | 23         | verus                                        |                | 10            | 30, 21, 17               |
| 28                | M          | 21         |                                              |                | 15            |                          |
| 29                | M          | 20         |                                              |                |               |                          |
| 30                | M          | 19         | verus                                        |                | 10            | 24, 26, 21,<br>27        |
| 31                | F          | 19         |                                              |                |               |                          |
| 32                | M          | 18         |                                              |                |               | 33                       |
| 33                | F          | 14         |                                              |                |               | 32                       |
| 34                | F          | 11         |                                              |                | 3             |                          |