**Additional file 4** FST values (p values) of pairwise comparisons among 12 Bale monkey localities

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Locality | Odobullu (CF) | Shedem (CF) | Harenna (CF) | Yeko (FF) | Gejaba (FF) | Bokata(FF) | Wotiye (FF) | Afursa (FF) | Kokosa (FF) | Kullla (FF) | Ekuma (FF) | Gerbicho (FF) |
| Odobullu (CF) |  |  |  |  |  |  |  |  |  |  |  |  |
| Shedem (CF) | 0.624\*\*\* |  |  |  |  |  |  |  |  |  |  |  |
| Harenna (CF) | 0.995\*\*\* | 0.613\*\*\* |  |  |  |  |  |  |  |  |  |  |
| Yeko (FF) | 0.998\*\*\* | 0.914\*\*\* | 1.000\*\*\* |  |  |  |  |  |  |  |  |  |
| Gejaba (FF) | 0.996\*\*\* | 0.911\*\*\* | 0.998\*\*\* | 0.556\*\* |  |  |  |  |  |  |  |  |
| Bokata (FF) | 0.997\*\*\* | 0.891\*\*\* | 1.000\*\*\* | **0.000** | 0.478\*  |  |  |  |  |  |  |  |
| Wotiye (FF) | 0.997\*\* | 0.863\*\* | 1.000\*\* | **0.000** | **0.378** | **0.000** |  |  |  |  |  |  |
| Afursa (FF) | 0.998\*\*\* | 0.917\*\*\* | 1.000\*\*\* | 1.000\*\*\* | 0.350\* | 1.000\*\*\* | 1.000\*\* |  |  |  |  |  |
| Kokosa (FF) | 0.998\*\*\* | 0.928\*\*\* | 1.000\*\*\* | 1.000\*\*\* | 0.393\* | 1.000\*\*\* | 1.000\*\* | **0.000** |  |  |  |  |
| Kullla (FF) | 0.917\*\*\* | 0.826\*\*\* | 0.915\*\*\* | 0.523\*\* | 0.515\*\* | 0.444\* | **0.340** | 0.542\*\*\* | 0.583\*\*\* |  |  |  |
| Ekuma (FF) | 0.968\*\*\* | 0.885\*\*\* | 0.969\*\*\* | 0.355\*\*\* | 0.268\*\*\* | 0.275\*\* | **0.163** | 0.281\*\*\* | 0.321\*\*\* | 0.373\* |  |  |
| Gerbicho (FF) | 0.934\*\*\* | 0.845\*\*\* | 0.933\*\*\*  | 0.319\*\*\* | 0.328\*\*\* | 0.236\* | **0.115** | 0.379\*\*\* | 0.423\*\*\* | 0.248\* | 0.283\*\* |  |

Significance pairwise differences: \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05 and bold represent no significant difference as in additional file 4.