**Additional file 2: Table S2.** Four different STR markers sets compared in this study.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Locus | Loci  Lab2a | Loci  Lab3b | Loci shared  between labs | Complete set  of 13 loci |
| CXX20 | + |  |  | + |
| REN144A06 | + |  |  | + |
| G1D | + | + | + | + |
| Mu51 | + | + | + | + |
| G10B | + | + | + | + |
| G10C | + | + | + | + |
| Mu59 | + | + | + | + |
| Mu11 | + | + | + | + |
| Mu05 | + | + | + | + |
| G10L | + | + | + | + |
| Mu50 | + | + | + | + |
| G10P |  | + |  | + |
| Mu15 |  | + |  | + |
| Total | 11 | 11 | 9 | 13 |

Both labs use the Amelogenin gene (AMG) to assess gender. a [52], b [14, 41, 50].