

Table S8. Comparison of genotyping consistency between PCR and HipSTR

| loci | Same samples | heterozygotes | homozygotes | same genotype |
|---------------|-----------------|---------------|-------------|------------------|
| AS3 | 6 | 4 | 2 | 6 |
| AS26 | 6 | 4 | 2 | 4 |
| AS31 | 10 | 2 | 8 | 7 |
| AS27 | 5 | 4 | 1 | 4 |
| AS20 | 9 | 3 | 6 | 8 |
| AS9 | 6 | 5 | 1 | 5 |
| AS8 | 11 | 10 | 1 | 11 |
| AS34 | 10 | 7 | 3 | 10 |
| SSR137989 | 12 | 10 | 2 | 11 |
| SSR99580 | 8 | 6 | 2 | 8 |
| SSR153041 | 10 | 8 | 2 | 9 |
| SSR143492 | 11 | 10 | 1 | 9 |
| SSR5381 | 8 | 5 | 3 | 7 |
| SSR145663 | 11 | 9 | 2 | 8 |
| SSR183796 | 12 | 6 | 6 | 11 |
| SSR359082 | 13 | 8 | 5 | 12 |
| SSR24062 | 9 | 9 | 0 | 8 |
| SSR21025 | 11 | 3 | 8 | 11 |
| SSR232706 | 13 | 8 | 5 | 10 |
| SSR274142 | 11 | 11 | 0 | 11 |
| SSR244447 | 12 | 10 | 2 | 12 |
| SSR246842 | 9 | 4 | 5 | 9 |
| Total | 213 | 146 | 67 | 191 |
| Proportion(%) | 100 | 68.54 | 31.46 | 89.67 |