***Supplemental data 1***

Primer sequences for used STR Markers (Liquori et al.)

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| **Marker** | **Forward Primer Sequence (5’ → 3’)** | **Reverse Primer Sequence (5’ → 3’)** |
| CL3N122 | TGC TCC ACA TCC TAA CAC CA | TGG GCA AAG GAC CTA AAA AG |
| CL3N99 | CTG CCG GTG GGT TTT AAG T | TGC AAG ACG GTT TGA AGA GA |
| CL3N59 | GCT GGC ACC TTT TAC AGG AA | ATT TGC CAC ATC TTC CCA TC |
| CL3N117 | TCA TCC CAA ACT GAA TCC TCA | CTG GTG ATG CCT TGG AAA AT |
| CL3N119 | CAA GCA AAT GTT CCC TGA CA | AGG GTC AGA CAG AGC TGG AA |
| CL3N19 | GAC AGG CCA AAG TGT GTG TG | GGC AAA AAT AAA GCC ACA GC |
| CL3N23 | GCC CTT CCC AAC TAT GTA GC | CCA GTC TGG GTG ACA AAG TG |

Primer sequence SNP (Vallo *et al.)*

|  |  |  |
| --- | --- | --- |
| rs1871922 | TCC GAC GCG GAA GGT GA | TAC CCT CTC TGT CCG CCA |

(Bachinski *et al*.)

|  |  |  |
| --- | --- | --- |
| CGAP\_886192 | GAA TAG GGA TTG ATG AAT G | TAT TTA TGG AAG TTC ATA GAC AC |

All forward STR primers were labeled with a fluorescent dye.