

| Sr no | SNP name | Primer | Sequence | Product |
|----------|-----------|---------------|--------------------------------|---|
| 1 | rs9939609 | Forward Outer | CAGTTCAGTCATTTTTGACAGC | Outer pair product: 446bp Product for A allele: 212bp Product for T allele: 148bp |
| | | Reverse Outer | TGTTCAAGTCACACTCAGCCTCT | |
| | | Forward Inner | TCCTTGGACTGCTGTGAATATA | |
| | | Reverse Inner | ACAGAGACTATCCAAGTCATCTCA | |
| 2 | rs8050136 | Forward Outer | GGGTTCATGAAGCCTCTGAAACT | Outer pair product: 428bp Product for A allele: 277bp Product for C allele: 196bp |
| | | Reverse Outer | TTTCACACACCAAGATGGTCATG | |
| | | Forward Inner | AGTTGCCCACTGTGGCAGTC | |
| | | Reverse Inner | GCAAAAACCCACAGGCTCAGATACTT | |
| 3 | rs1121980 | Forward Outer | AAAAGCCAGATAAGGAGACTACTG | Outer pair product: 311bp Product for T allele: 208bp Product for C allele: 148bp |
| | | Reverse Outer | GTGCCACCATATCTACCTCTTC | |
| | | Forward Inner | GCAGGTGGATCTGAAATCTAAT | |
| | | Reverse Inner | TAGTCACGTGCTTGGTACTCTG | |
| 4 | rs9926289 | Forward Outer | AAAAATTCAAAAGTGGCTCTTGAATGAA | Outer pair product: 315bp Product for G allele: 208bp Product for A allele: 163bp |
| | | Reverse Outer | GTCCAAACAGTAGGTCAGGAATAACCAG | |
| | | Forward Inner | CATTTAGAATGTCTGAATTATTATTCTCGG | |
| | | Reverse Inner | CAAATTCACAGCAGTCGCAAGGCAT | |
| PCR-RFLP | rs9939609 | Forward | GGTTCCTTGGACTGCTGTGAAATT | 105bp |
| | | Reverse | GCTTTTATGCTCTCCCACTC | Restriction Enzyme: ApeI |

Supplementary Table 1: Primers and product sizes for tetra RMS and standard