

**S3 Table. Possible genotypes and actual available clonal populations obtained from MoPn\_Spc<sup>R</sup> and MCR\_Rif<sup>R</sup> recombination**

Genotype	SNP1 MOMP	SNP2 Npt1	SNP3 TC0412	SNP4 GrgA	Clonal population
1	W	W	W	W	r4s1, r4s2, r4s3, r4s4, r4s5, r4s6, r4s7, r4s8, r4s9, r4s10, r5s3, r5s4, r5s5, r5s6, r5s7
2	M	W	W	W	Not available
3	W	M	W	W	Not available
4	W	W	M	W	r4s11, r5s2,
5	W	W	W	M	r8s1, r8s2, r8s4, r8s6, r8s7, r8s9, r8s10, r8s11, r8s24
6	M	M	W	W	Not available
7	M	W	M	W	Not available
8	M	W	W	M	r5s1
9	W	M	M	W	Not available
10	W	M	W	M	Not available
11	W	W	M	M	r4s12, r4s13
12	M	M	M	W	Not available
13	M	M	W	M	Not available
14	M	W	M	M	r1s4, r8s5, r8s8, r8s21, r8s22
15	W	M	M	M	Not available
16	M	M	M	M	Not available