

Table S2 Genotypic data and sprouting resistance levels of the 56 recombinants analyzed with the markers in the QTL *Qphs.pseru-3AS* region

No. of RSLs	Xbarc12	XFE900150	Xctg830728	XBE424484	XBE401794	XCD910417	XCA654295	XAL815375	Xctg30698	XCJ575364	XCJ550920	XCJ551268	XCJ952112	XBE591959	Xbarc57	Xbarc321	PHS rate
08F485	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	L
1	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	L
16	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	L
1	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	L
1	B	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	L
1	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	H
2	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H
3	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	H
31	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H
08F481	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H

A=Rio Blanco genotype; B=NW97S186 genotype. L=low PHS rates as in NW97S186; H=high PHS rates as in Rio Blanco.

Those red letters are the markers co-segregated with *TaPHS1*.