

Supplement information

Manuscript title:

Identification of powdery mildew resistance in wild grapevine (*Vitis vinifera* subsp. *sylvestris* Gmel Hegi) from Croatia and Bosnia and Herzegovina

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Supplementary Table S1.

List of 158 *V. sylvestris* individuals analyzed in this study. Set of 91 *in situ* individuals from natural habitats and 67 seedlings from an ex situ collection (IAC) in Split (Croatia) were genotyped at three SSR markers: SC47-18, SC8-071-0014, and UDV-124 linked to *Ren1* locus on chromosome 13 for powdery mildew resistance. Set of *V. sylvestris* seedlings was additionally subjected to phenotypic powdery mildew resistance analysis according to descriptor OIV 455 using *in vivo* and leaf disk evaluation methods.

Population	Species	GPS	Genotype
91 <i>V. sylvestris</i> <i>in situ</i> genotypes			
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 914" E15° 27' 831"	Pak1
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 910" E15° 27' 802"	Pak2
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 934" E15° 28' 121"	Pak3
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 915" E15° 28' 165"	Pak5
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 994" E15°28' 188"	Pak6
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 977" E15°28' 177"	Pak7
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 984" E15°28' 171"	Pak8
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 013" E15°28' 188"	Pak9
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 028" E15°28' 209"	Pak10
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 042" E15°28' 218"	Pak11
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 260" E15°28' 318"	Pak12
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 348" E15°28' 452"	Pak13
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 402" E15°28' 480"	Pak14
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 400" E15°28' 467"	Pak15
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 476" E15°28' 384"	Pak16
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 670" E15°28' 298"	Pak17
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 463" E15°28' 591"	Pak18
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 351" E15°28' 635"	Pak19
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 465" E15°28' 706"	Pak20
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 465" E15°28' 705"	Pak21
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 493" E15°28' 743"	Pak22
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 508" E15°28' 749"	Pak23
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 642" E15°28' 811"	Pak24
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 689" E15°28' 795"	Pak25
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 700" E15°28' 799"	Pak26
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 774" E15°28' 802"	Pak27
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°19' 242" E15°28' 675"	Pak28
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°19' 254" E15°28' 671"	Pak29
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°19' 526" E15°28' 655"	Pak30
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°17' 919" E15°27' 868"	Pak32
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 375" E15°28' 417"	Pak33
Paklenica	<i>Vitis v.subsp. sylvestris</i>	N44°18' 721" E15°28' 351"	Pak34
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 958" E17°12' 541"	Im3
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 956" E17°12' 534"	Im4
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 955" E17°12' 539"	Im5
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 965" E17°12' 513"	Im7
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 955" E17°12' 584"	Im8
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 969" E17°12' 524"	Im11
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°27' 041" E17°12' 574"	Im14
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 996" E17°12' 515"	Im17

Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 994" E17°12' 514"	Im18
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°26' 997" E17°12' 526"	Im19
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°27' 093" E17°12' 619"	Im20
Imotski	<i>Vitis v.subsp. sylvestris</i>	N43°27' 085" E17°12' 621"	Im21
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	nd	Luk1
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	nd	Luk2
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 160" E15°08' 035"	Luk3
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 143" E15°08' 045"	Luk4
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 140" E15°08' 044"	Luk5
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 131" E15°08' 023"	Luk6
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 169" E15°08' 048"	Luk8
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 182" E15°08' 181"	Luk10
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 120" E15°08' 194"	Luk11
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 110" E15°08' 209"	Luk12
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 098" E15°08' 276"	Luk13
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 085" E15°08' 277"	Luk14
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 232" E15°08' 373"	Luk15
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	nd	Luk16
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 246" E15°08' 232"	Luk17
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 250" E15°08' 185"	Luk18
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 269" E15°08' 154"	Luk19
Lukovdol	<i>Vitis v.subsp. sylvestris</i>	N45°26' 262" E15°08' 150"	Luk20
Grab	<i>Vitis v.subsp. sylvestris</i>	N43°38' 454" E16°46' 223"	Grab1
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 069" E15°58' 210"	Krka9
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 341" E15°58' 013"	Krka15
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 295" E15°58' 162"	Krka18
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 298" E15°58' 206"	Krka19
Krka	<i>Vitis v.subsp. sylvestris</i>	nd	Krka20
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 357" E15°58' 392"	Krka21
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 253" E15° 57' 949"	Krka24
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 187" E15° 57' 995"	Krka26
Krka	<i>Vitis v.subsp. sylvestris</i>	N43°48' 276" E15°58' 008"	Krka27
Psunj	<i>Vitis v.subsp. sylvestris</i>	nd	Psunj3
Psunj	<i>Vitis v.subsp. sylvestris</i>	nd	Psunj4
Psunj	<i>Vitis v.subsp. sylvestris</i>	nd	Psunj5
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 405" E17°27' 524"	Psunj7
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 383" E17°27' 593"	Psunj8
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 375" E17°27' 639"	Psunj10
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 450" E17°27' 313"	Psunj11
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 448" E17°27' 322"	Psunj12
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 445" E17°27' 321"	Psunj14
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 446" E17°27' 347"	Psunj21
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 429" E17°27' 354"	Psunj22
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 499" E17°28' 071"	Psunj23
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 501" E17°28' 059"	Psunj24
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 503" E17°28' 056"	Psunj25
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 498" E17°28' 023"	Psunj26
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 500" E17°28' 043"	Psunj27
Psunj	<i>Vitis v.subsp. sylvestris</i>	N45°23' 649" E17°28' 320"	Psunj28
Gizdovac	<i>Vitis v.subsp. sylvestris</i>	N43°39' 334" E16°29' 302"	Giz1

[illegible]

Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer9
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer10
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer11
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer12
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer13
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer14
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer15
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer16
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer17
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer18
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer19
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer20
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer21
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer22
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer23
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer24
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer25
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer26
Cerovica	<i>Vitis v.subsp. sylvestris</i>	IAC collection	SjCer27
nd, not determined			