Sauvignon blanc

D'Onofrio C., Scalabrelli G., 2015. Sauvignon blanc. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X
release 05/06/2015, **Last update** 14/06/2015 **url** http://vitisdb.it/varieties/show/1153

general information managed by

Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

acknowledgments

Fondazione AGER (AGER Fundation)

botanical information

name
Sauvignon blanc
type of origin
spontanea
specie
Vitis vinifera
variety group
not available

genera
Vitis
subspecie
sativa
variety for
wine
trueness to type
confirmed by ampelography and SSR-markers
code
IVD-var_204

true-name

confirmed **yes**

related bibliography (1)

authors	year	title	journal	citation
Cosmo I., Polsinelli M.	1964	Sauvignon.		Principali vitigni da vino coltivati in Italia, vol. IV. Ministero Agricoltura e Foreste, Roma.

registration

Registered in the National Catalogue
yes
code
221
Official name
SAUVIGNON B.

synonyms

official synonyms (1)
synonyms reported in the National Catalogue

- Sauvignon blanc(Bolzano)

documented synonyms (2)
synonyms documented by the Istitution that appear with the eventual support of the literature

- Sauvignon gris/rose
- Sauvignon rouge

main accession info

main accession
Sauvignon blanc (clone Rauscedo 3)
creation submitter
Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

standardized accessions (1)

- Sauvignon blanc (clone Rauscedo 3) - Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

all accessions (1)

- Sauvignon blanc (clone Rauscedo 3) - Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

released clones (21)

- I - ISV CONEGLIANO 1
- I - RAUSCEDO 3
- I - ISV-F 2
- I - ISV-F 3
- I - ISV-F 5
- I - PC-SAU 3
- I - PC-SAU 8
- I - PC-SAU 10
- I - LB 36
- I - LB 50
- I - VCR 328
- I - CRAVIT-ERSA FVG 190
- I - CRAVIT-ERSA FVG 191
- I - CRAVIT-ERSA FVG 192
- I - CRAVIT-ERSA FVG 193
- I - CRAVIT-ERSA FVG 194
- I - CRAVIT-ERSA FVG 195
- I - CRAVIT-ERSA FVG 196
- I - CRAVIT-ERSA FVG 197
- I - CRAVIT-ERSA FVG 198
- I - CRAVIT-ERSA FVG 199

standardized microsatellite profile

loci:	predefined loci (9)																
SSR locus:	**VVS2**		**VVMD5**		**VVMD7**		**VVMD27**		**VrZAG62**		**VrZAG79**		**VVMD25**		**VVMD28**		**VVMD32**	
allele:	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2
size:	133	151	227	231	239	257	175	189	188	194	245	247	242	250	237	239	241	257

other Locus info available online

images

- **shoot**

- 
  shootTipUs
- 
  shootTipLs
- 

  leaf
- 
  leafUs
- 
  leafLs
- 
  petiol sinus

- **bunch**

- **berry**

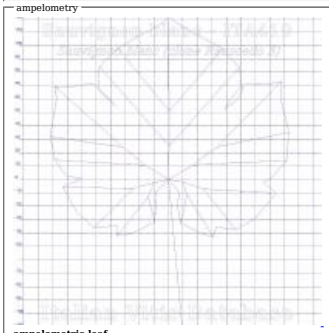
- **seed**

ampelography

OIV	description		value	images
001	Young shoot: opening of the shoot tip	5	fully open	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	1	none or very low	
004	Young Shoot: density of prostrate hairs on tip	5	medium	
006	Shoot: attitude (before tying)	1 / 3	erect / semi-erect	
007	Shoot: color of dorsal side of internodes	1 / 2	green / green and red	
008	Shoot: color of ventral side of internodes	1	green	
016	Shoot: number of consecutive tendrils	1	2 or less	
051	Young leaf: color of the upper side of blade (4 th leaf)	1 / 2	green / yellow	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	3 / 5	low / medium	
067	Mature leaf: shape of blade	3	pentagonal	
068	Mature leaf: number of lobes	3	five	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	1	absent	
072	Mature leaf: goffering of blade	1	absent or very weak	
074	Mature leaf: profile of blade in cross section	1	flat	
075	Mature leaf: blistering of upper side of blade	5 / 7	medium / strong	
076	Mature leaf: shape of teeth	3	both sides convex	
079	Mature leaf: degree of opening / overlapping of petiole sinus	3 / 5	open / closed	
080	Mature leaf: shape of base of petiole sinus	3	V-shaped	
081-1	Mature leaf: teeth in the petiole sinus	1	none	
081-2	Mature leaf: petiole sinus base limited by veins	1	not limited	
083-2	Mature leaf: teeth in the upper lateral sinuses	1	none	
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	3	low	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1	none or very low	
094	Mature leaf: depth of upper lateral sinuses	3 / 5	shallow / medium	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
152	Inflorescence: insertion of 1 st inflorescence	2	3rd and 4th node	
155	Shoot: fertility of basal buds (buds 1-3)	7	high (1,5-1,7)	
202	Bunch: length (peduncle excluded)	3	short	
204	Bunch: density	5	medium	
206	Bunch: length of peduncle of primary bunch	1	very short	
208	Bunch: shape	2	conical	
209	Bunch: number of wings of the primary bunch	1 / 2	absent / 1 - 2 wings	
220	Berry: length	3 / 5	short / medium	
221	Berry: width	3	narrow	
223	Berry: shape	4	narow ellipsoid	

225	Berry: color of skin	1	green yellow
231	Berry: intensity of flesh anthocyanin coloration	1	none or very weak
235	Berry: firmness of flesh	1	soft
236	Berry: particularity of flavor	5	other flavor than muscat, foxy or herbaceous
241	Berry: formation of seeds	3	complete

ampelometry



ampelometric leaf

OIV

OIV	PDF	description		value
601	PDF	Mature leaf: length of vein N1	5	medium (135 mm)
602	PDF	Mature leaf: length of vein N2	5	medium (105 mm)
603	PDF	Mature leaf: length of vein N3	5	medium (75 mm)
604	PDF	Mature leaf: length of vein N4	9	very long (55 mm and over)
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	5	medium (70 mm)
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	5	medium (60 mm)
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	7	large (56°-70°)
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	3	small (30°-45°)
609	PDF	Mature leaf: angle between N3 and N41) measured at the first ramification	5	medium (46°-55°)
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	7	large (56°-70°)
612	PDF	Mature leaf: length of tooth N2	1	short (6 mm)
613	PDF	Mature leaf: width of tooth N2	5	medium (14 mm)
614	PDF	Mature leaf: length of tooth N4	1	very short (6 mm)
615	PDF	Mature leaf: width of tooth N4	5	medium (14 mm)
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	5	medium (46-55 mm)

superampelo

distances

descriptor	value	standard deviation
Distance from the petiole sinus to the lower right sinus	66.100	7.500
Distance from the petiole sinus to the lower left sinus	60.800	6.600
Distance from the petiole sinus to the upper right sinus	65.700	13.200
Distance from the petiole sinus to the upper left sinus	65.000	14.100
Vein N3, length from the petiole sinus to vein N4	10.100	1.200
Vein N3', length from the petiole sinus to vein N4'	10.600	1.200
Length of vein N5	22.300	3.200
Length of vein N5'	20.000	4.100
Length of vein N4	47.100	6.500
Length of vein N4'	47.700	4.600
Distance between petiole point and end of vein N4	53.900	5.800
Distance between petiole point and end of vein N4'	55.800	3.500
Leaf width	160.000	12.000
Leaf length	168.700	8.700
Petiole length	110.700	12.200
Leaf length Including the petiole	232.700	19.000
Distance between the ends of veins N2 and N2'	156.600	14.300
Length of vein N1	122.000	7.700
Distance between the ends of veins N4 and N4'	66.900	14.000
Distance between the ends of veins N3 and N3'	148.600	12.400
Length of vein N2	107.000	10.000
Width of petiole sinus / Distance between points SP and SP'	-14.700	10.600
Length of vein N3	75.900	7.500
Length of vein N2'	105.500	5.800
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	48.000	7.900
Length of vein N3'	74.400	5.400
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	52.500	14.800

angles

descriptor	value	standard deviation
Angle between N1 and N2 measured at the first bifurcation	56.300	5.900
Angle between N2 and N3 measured at the first bifurcation	43.400	6.100
Angle between N1 and N2' measured at the first bifurcation	58.500	7.100
Angle between N3 and N4 at the first fork of N3	51.500	4.900
Angle between N2 and N3' measured at the first bifurcation	46.100	6.700
Angle between N1 and N2 measured at the ends of the veins	46.800	4.300
Angle between N3' and N4'	52.900	3.000
Angle between N2 and N3 measured at the ends of the veins	50.800	5.700
Angle between N1' and N2' measured at the ends of the veins	48.500	7.000
Angle between N3 and N4 measured at the ends of the veins	45.900	6.200
Angle between N2' and N3' measured at the ends of the veins	46.300	6.300
Angle of opening of the petiole sinus measured at SP and at SP'	41.900	25.200
Angle between N3' and N4' measured at the ends of the veins	45.300	5.300
Angle between S and S' with the center in N1	58.000	13.900
Angle between D and D' with the center in N1	103.700	9.500
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	67.500	9.800
Angle between I and I' with the center in N1	54.300	4.300
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	68.800	8.900

rations

descriptor	value	standard deviation
Ratio between the length of the vein N5' and the length of the vein N1	0.165	0.036
Ratio between the sum of the angles a + b and the sum of the distance between the petiole sinus and upper right sinus OS and the petiole sinus and lower right lower right sinus OI	0.014	0.002
Ratio between the length of the vein N4' and the length of the vein N1	0.393	0.042
Ratio between the length of the vein N5 and the length of the vein N1	0.184	0.028
Ratio between the length of the vein N3' and the length of the vein N1	0.610	0.048
Ratio between the length of the vein N4 and the length of the vein N1	0.387	0.062
Ratio between the length of the vein N2' and the length of the vein N1	0.867	0.064

Ratio between the length of the vein N3 and the length of the vein N1	0.624	0.073
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.821	0.104
Ratio between the length of the vein N2 and the length of the vein N1	0.880	0.094
Ratio between the distance from the sinus and the length of the vein N2'	0.615	0.124
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.869	0.022
Multiplication between length and width of the leaf	27053.000	3089.000
Ratio between the length of the petiole OP and the length of the vein N1	0.907	0.060
Ratio between length and width of the leaf	1.057	0.060
Ratio between the distance from the sinus and the length of the vein N2	0.616	0.119
Media of the base of the teeth of the left side	6.074	1.631
Media of the base of the teeth of the right side	5.511	1.294
Media height of the teeth of the left side	5.152	1.168
Ratio between the height and the base of the tooth at the end of the vein N4'	0.547	0.085
Media height of the teeth of the right side	5.231	1.168
Ratio between the height and the base of the tooth at the end of the vein N2'	0.591	0.160
Ratio between the height and the base of the tooth at the end of the vein N4	0.564	0.245
Ratio between the height and the base of the teeth of the left side	0.877	0.218
Ratio between the height and the base of the tooth at the end of the vein N2	0.639	0.122
Ratio between the sum of the angles a' + b' and the sum of the distance between the petiole sinus and upper right sinus OS' and the petiole sinus and lower right lower right sinus OI'	0.015	0.003
Ratio between the height and the base of the teeth of the right side	0.994	0.289

bibliographies (4)

authors	year	title	journal	citation
Bowers J.E., Meredith C.P.,	1997	The parentage of a classic wine grape, Cabernet Sauvignon.		Nature Genetics, 16: 84-87
Regner F., Stadlbauer A., Eisenheld C., Kaserer H.	2000	Genetic Relationships Among Pinots and Related Cultivars	American Journal of Enology and Viticulture	Vol.51, No.1, 2000 (7-14)
Rézeau P.,	1997	Dictionnaire des noms de cépages de france.		CNRS, Paris
Robinson J., Harding J., Vouillamoz J.	2012	Wine Grapes. A complete guide to 1368 vine varieties, including their origins and flavours		Allen Lane - Penguin Books