

Verification of resistance loci pyramiding in popular interspecific grape varieties using SSR markers

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Electronic Supplementary Material (ESM)

The authors are fully responsible for both the content and the formal aspects of the electronic supplementary material. No editorial adjustments were made.

Additional description of analysed Czech genotypes in accordance with Table 1

Erilon: White grape variety with late budding and vigorous growth. Number of grape clusters per plant is high. Clusters are big with cylindrical shape. Berries are medium sized, round with green skin. Resistance is medium. Wine is similar to 'Sauvignon-like wine', with medium taste and flowery aroma.



Kofranka: Blue grape variety with late budding and vigorous growth. Leaves are small and thick. Berry clusters are medium with small berries with dark blue solid skin. Resistance is medium to high. Wine is full with very fruity taste and flower aroma. The colour of wine is dark red.



Malverina

White grape variety with medium to late budding and vigorous growth. Leaves are big and thick, berry clusters are medium-sized triangle shaped. Berries are medium-sized, round with typical green colour. When exposed to sun and fully rippen the berry skin turns to grey-pink. Resistance to fungal diseases is medium. Wine has full taste and strong spicy aroma with scence of peaches and nuts.



Marcus Blanc: White grape variety with late budding and vigorous growth. Leaves are medium and thin. Berry clusters are medium with triangle shape. Berries are big, round with thick green skin which can turn to light pink when exposed to sun. Resistance is medium. Wine is spicy with smooth acids.



Pálava

White grape variety with late budding and mid vigorous growth. Leaves are small and thick. Berry clusters are big with triangle shape. Berries are medium with typical pink-red thick skin. Wine has strong 'Muscat' aroma with spicy taste.



Pinot Écru: White grape variety with early budding. Leaves are small and thin. Berry clusters are medium triangle shaped with round yellow berries. Resistance is medium. Wine is full with flower aroma and medium acids.



Riesling Gris: White grape variety with medium late budding. Leaves are medium and thin. Berry clusters are medium triangle shaped. Berries are big, with thin green to yellow skin. Resistance is medium to high. Wine is full with flower and fruit aroma with smooth spicy taste and quite high acids.



Rinot: White grape variety with medium budding and medium vigorous growth. Leaves are big and thick. Berry clusters are long with cylindrical shape. Berries are small, round, with yellow thin skin. Resistance is medium to high. Wine is similar to 'Pinot-like wine', with full taste and honey-flower aroma.



Ruby Pinot: Blue grape variety with medium late budding, and medium vigorous growth. Leaves are big and thick. Berry clusters are medium to big with triangle shape. Berries are medium, round with sky-blue thick skin. Resistance is medium to high. Wine is similar to 'Pinot-like wine' with very fruity aroma and smooth taste.



Runa

White grape variety with medium late budding. Leaves are medium and thick. Berry clusters are big and cylindrical. Berries are medium, round, with grey-pink thin skin. Resistance is medium to high. Wine is very spicy with fruity aroma and spicy acids. Very suitable for aging in bottle.



Savilon

White grape variety with late budding, and medium vigorous growth. Leaves are medium and thin. Berry clusters are big although the berries are small, round with very thick green skin. Resistance is medium to high. Wine is quite similar to 'Sauvignon-like wines', with full taste and spicy-fruity aroma.

