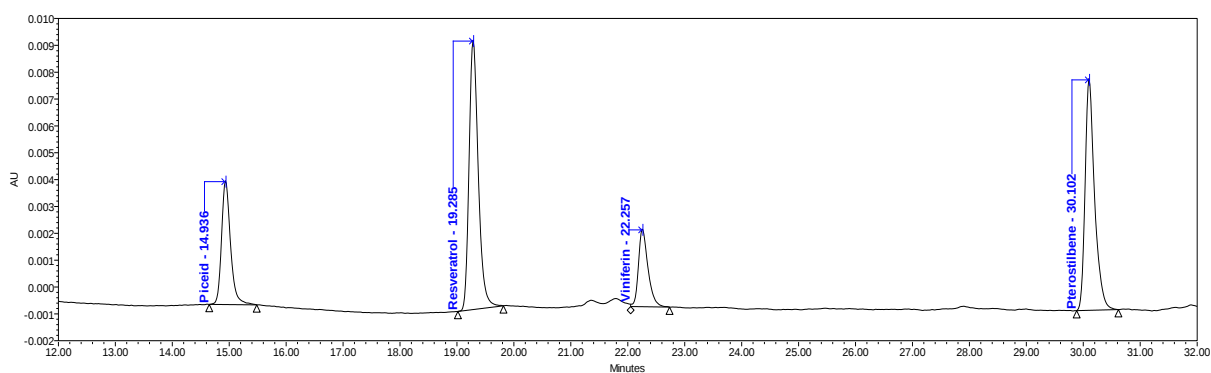


Supplementary Figures and Tables

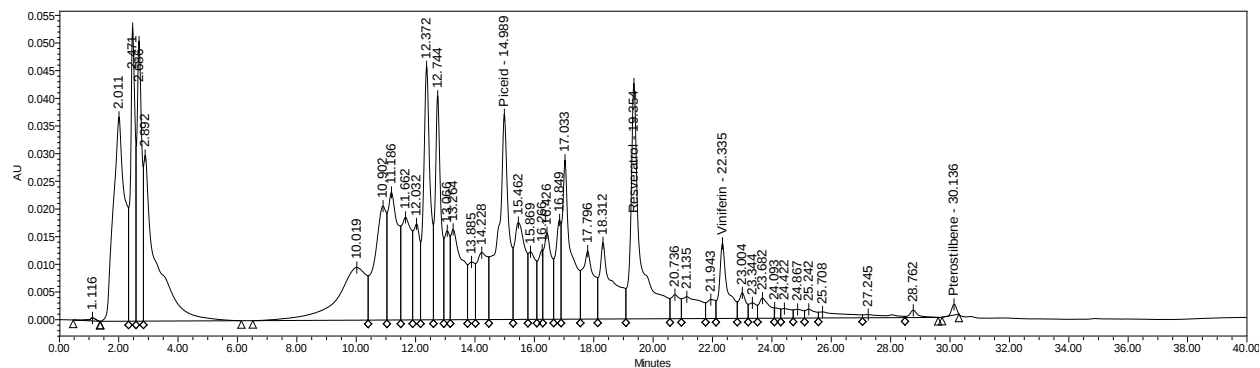
Supplementary Figures

Figure S1.



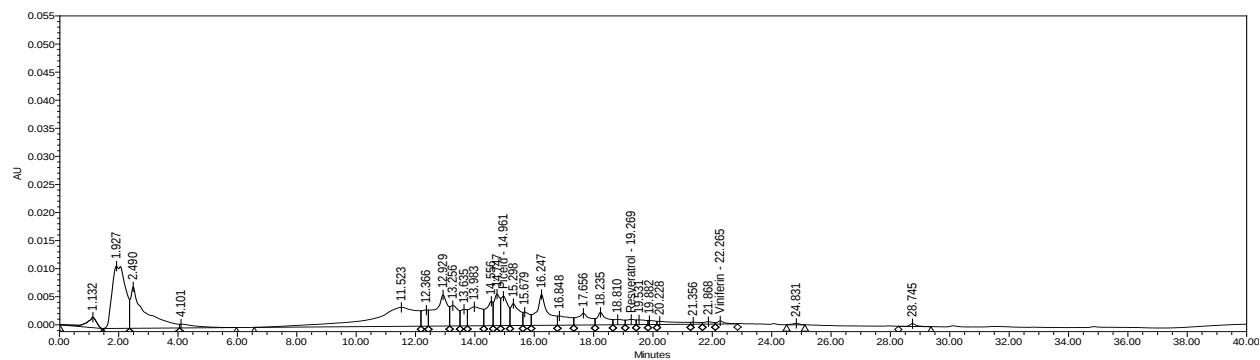
Chromatogram registered at 306 nm for stilbenoids standards

Figure S2



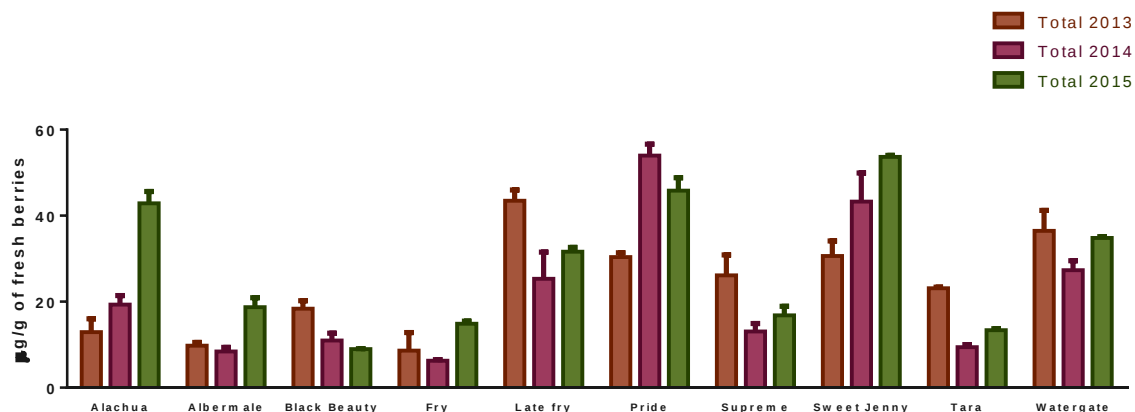
Chromatogram registered at 306 nm in whole berry extracts for Pride cultivar

Figure S3



Chromatogram registered at 306 nm in whole berry extracts for Pam cultivar.

Figure S4



Variation in Stilbene content among the selected muscadine genotypes.

Supplementary Tables

Table 1. Concentration of stilbenes (µg/g fresh weight) produced in wine and juice type muscadines varieties.

MUSCADINE VARIETIES	TOTAL 2013	TOTAL 2014	TOTAL 2015
BRONZE VARIETIES			
CARLOS	28.20	36.77	37.37
DOREEN	1.39	1.45	2.36
MAGNOLIA	21.90	11.28	15.75
STERLING	16.90	22.36	22.72
WELDER	33.12	32.90	33.19
PURPLE VARIETIES			
ALACHUA	19.84	21.00	54.31
COWART	7.91	16.73	11.32
NOBLE	26.41	23.69	24.41
REGALE	9.69	11.00	12.94

Table. S2. Concentration of stilbenes ($\mu\text{g/g}$ fresh weight) produced in table type muscadines varieties.

Muscadine Varieties	Total 2013	Total 2014	Total 2015
Carlos	28.20	36.77	37.37
Doreen	1.39	1.45	2.36
Magnolia	21.90	11.28	15.75
Sterling	16.90	22.36	22.72
Welder	33.12	32.90	33.19
Alachua	19.84	21.00	54.31
Cowart	7.91	16.73	11.32
Noble	26.41	23.69	24.41
Regale	9.69	11.00	12.94