

Supplementary Table S2 Physiochemical properties analysis results for the identified anthocyanin-related VcF3Hs.

Gene name	Gene ID	CDS length (bp)	Amino Acid number	Molecular Weight	Theoretical pI	Instability Index	Aliphatic Index	Grand Average of Hydropathicity	Subcellular Localization
VcF3H1	VaccDscf13-augustus-gene-41.36-mRNA-1	1080	359	40336.01	5.39	38.87	82.03	-0.418	Cytoplasm
VcF3H2	VaccDscf30-augustus-gene-297.38-mRNA-1	1080	359	40350.08	5.48	38.87	82.03	-0.419	Cytoplasm
VcF3H3	VaccDscf32-augustus-gene-323.35-mRNA-1	1080	359	40350.08	5.48	38.87	82.03	-0.419	Cytoplasm
VcF3H4	VaccDscf42-processed-gene-20.3-mRNA-1	1080	359	40350.08	5.48	38.87	82.03	-0.419	Cytoplasm
VcF3H5	VaccDscf16-augustus-gene-381.32-mRNA-1	1101	366	41268.04	5.34	43.21	82.84	-0.444	Cytoplasm
VcF3H6	VaccDscf31-augustus-gene-324.32-mRNA-1	1101	366	41154.92	5.27	41.59	82.84	-0.431	Cytoplasm
VcF3H7	VaccDscf7-processed-gene-48.23-mRNA-1	1122	373	41997.93	5.34	42.04	83.38	-0.422	Cytoplasm
VcF3H8	VaccDscf18-processed-gene-15.24-mRNA-1	1122	373	41971.89	5.34	43.34	83.11	-0.427	Cytoplasm