

Table S1. SSR markers used for the genetic assessment of the authenticity of Sweet Cherry Cultivars in the German National Fruit Genebank.

Multiplex	Marker	Primer	Primer sequence (5' → 3')	Dye
MP1	BPPCT037	BPPCT037-F	CATGGAAGAGGATCAAGTGC	FAM
		BPPCT037-R	CTTGAAGGTAGTGCCAAAGC	
	CPPCT022	CPPCT022-F	CAATTAGCTAGAGAGAATTATTG	FAM
		CPPCT022-R	GACAAGAAGCAAGTAGTTTG	
	EMPA002	EMPA002-F	TGACAGGTCATCATAACCATTTG	At532
		EMPA002-R	CAGGATTAAGCATTGCAAATTA	
	EMPas06	EMPas06-F	AAGCGGAAAGCACAGGTAG	At532
		EMPas06-R	TTGCTAGCATAGAAAAGAATTGTAG	
	EMPA003	EMPA003-F	AGCCATTCTGAAAAGGTGGA	At550
		EMPA003-R	GCATTCAGCCAACAAAATCA	
MP2	EMPas14	EMPas14-F	TCCGCCATATCACAATCAAC	At550
		EMPas14-R	TTCCACACAAAAACCAATCC	
	CPPCT006	CPPCT006-F	AATTAActCCAACAGCTCCA	FAM
		CPPCT006-R	ATGGTTGCTTAATTCAATGG	
	UDP98-412	UDP98-412-F	AGGGAAAGTTTCTGCTGCAC	At532
		UDP98-412-R	GCTGAAGACGACGATGATGA	
	EMPas01	EMPas01-F	CAAAATCAACAAAATCTAAACC	At532
		EMPas01-R	CAAGAATCTTCTAGCTCAAACC	
	PS05C03	PS05C03-F	AGATCTCAAAGAAGCTGA	At550
		PS05C03-R	AGCTTATGCATATACCTG	
MP3	EMPA002	EMPA002-F	TGACAGGTCATCATAACCATTTG	At565
		EMPA002-R	CAGGATTAAGCATTGCAAATTA	
	EMPas12	EMPas12-F	TGTGCTAATGCCAAAAATACC	FAM
		EMPas12-R	ACATGCATTTCAACCCACTC	
	EMPA017	EMPA017-F	ATTTCAATGTGGGGATGAGC	FAM
		EMPA017-R	TGAAGTGAGGGAAATGGAGC	
	EMPA026	EMPA026-F	ATTGAAAAAGCCAAAGAGCG	At532
		EMPA026-R	TTCACGGTTTGAAGCAAGTG	
	PceGA34	PceGA34-F	GAACATGTGGTGTGCTGGTT	At550
		PceGA34-R	TCCACTAGGAGGTGCAAATG	
	EMPas10	EMPas10-F	GCTAATATCAAATCCCAGCTCTC	At565
		EMPas10-R	TGAAGAAGTATGGCTTCTGTGG	