

**Table S1.** List of *HIR*, *EDS1* and *PAD4* genes identified in *Coffea arabica*, *C. canephora*, *C. eugenoides* genomes and HdT transcriptome and their corresponding gene, open reading frame (ORF) and protein size.

Genes		<i>C. arabica</i>		<i>C. canephora</i>	<i>C. eugenoides</i>	<i>HdT</i>
		chr. c	chr. e			
<b><i>HIR1</i></b>	GeneID	113716961	113717595	Cc11_g13450	113754397	4974 4975
	Gene (bp)	3723	3621	2614	3611	Nd
	ORF (bp)	1768 1679 1239 1182	1699 1352 1880	1011	1671	1419 1379
	Protein (aa)	286	286	336	286	286
<b><i>HIR2</i></b>	GeneID	113740361	113742674	Cc11_g13450	113767564	1977 1978 1979 1980
	Gene (bp)	3205	3231	2614	3119	Nd
	ORF (bp)	1182 1291	1203	1011	1091	1220 1220 1301 1301
	Protein (aa)	286	286	336	286	286
<b><i>HIR3</i></b>	GeneID	113725125	113730151	Cc04_g15530	113762209	9472
	Gene (bp)	3532	3559	1698	3545	Nd
	ORF (bp)	1265	1298	861	1282	1289
	Protein (aa)	291	291	286	291	291
<b><i>HIR4</i></b>	GeneID	113700021	-	Cc07_g03000	113753487	9636
	Gene (bp)	3225	-	1820	3245	Nd
	ORF (bp)	1295 1286	-	873	1298 1466 1457	1243
	Protein (aa)	290 290	-	291	291 290 300	290
<b><i>EDS1a</i></b>	GeneID	113740411	113742236	Cc04_g16220	113767316	3670
	Gene (bp)	2589	2622	7154	2520	Nd
	ORF (bp)	2318	2344	3216	1821	
	Protein (bp)	606	606	1071	606	
<b><i>EDS1b</i></b>	GeneID	113738521	-	-	-	-
	Gene (bp)	2589	-	-	-	-
	ORF (bp)	2334	-	-	-	-
	Protein (aa)	606	-	-	-	-
<b><i>PAD4</i></b>	GeneID	113698404	-	Cc02_g33890	-	-
	Gene (bp)	2120	-	629	-	-
	ORF (bp)	908 899 946	-	441	-	-
	Protein (aa)	122 119 138	-	146	-	-
<b><i>PAD4</i></b>	GeneID	-	-	Cc02_g33900	113777610	03754 03755
	Gene (bp)	-	-	1826	8437	nd
	ORF (bp)	-	-	1545	2324	2311 2317
	Protein (aa)	-	-	514	632	666 663