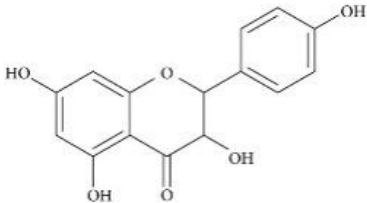
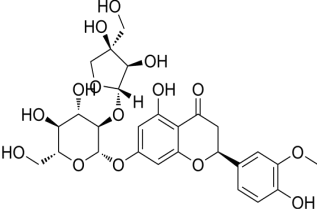
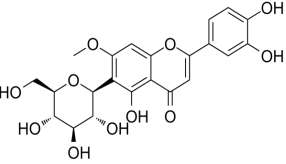
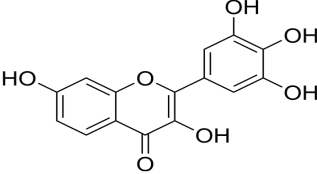
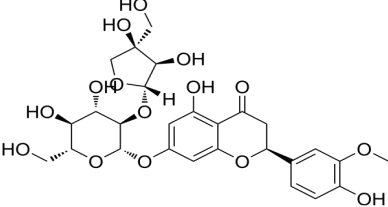
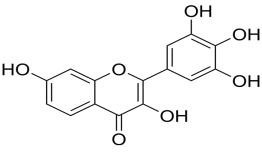
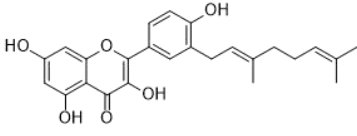
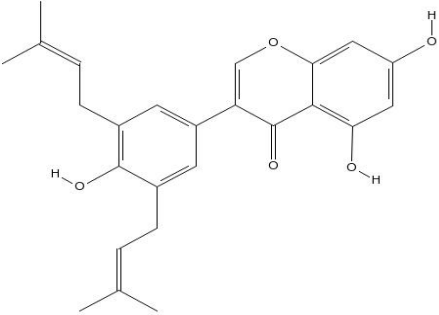
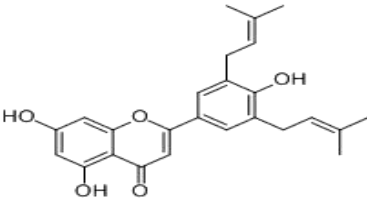
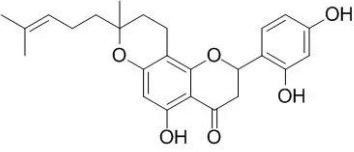
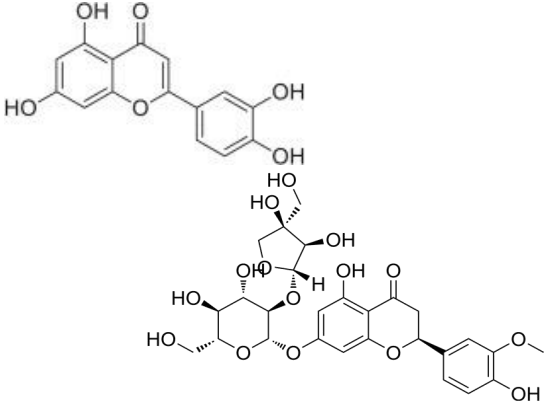


Supplementary Table S5 Differential Flavonoids Compounds regulated in Green Coffee Beans at different altitudes.

ID	Compounds	Class	Chemical Formula	Chemical Structure
HA1 vs. LA3				
Zbqp008438	5,7,3',4'-tetrahydroxy-6,8-diprenylisoflavone	Flavonoids	C ₂₅ H ₂₆ O ₆	
Zmhn002912	Viscumneoside III	Flavonoids	C ₂₇ H ₃₂ O ₁₅	
HA1 vs. MA2				
pmp000233	Swertiajaponin	Flavonoids	C ₂₂ H ₂₂ O ₁₁	
Zmpp002571	3,3',4',5',7Pentahydroxyflavone; Robinetin	Flavonoids	C ₁₅ H ₁₀ O ₇	
Zmhn002912	Viscumneoside III	Flavonoids	C ₂₇ H ₃₂ O ₁₅	
MA2 vs. LA3				
Zmpp002571	3,3',4',5',7Pentahydroxyflavone; Robinetin	Flavonoids	C ₁₅ H ₁₀ O ₇	
		Flavonoids	C ₂₅ H ₂₆ O ₆	
Samp011064	robipseudin A			

		Flavonoids	$C_{25}H_{26}O_5$	
Zbqp009080	3',5'-diprenylgenistein*	Flavonoids	$C_{25}H_{26}O_5$	
Zmzp010454	Honyucitrin*	Flavonoids	$C_{25}H_{26}O$	
pmp000823	Sanggenol N	Flavonoids	$C_{17}H_{14}O_8$	
Zbqp008438	5,7,3',4'-tetrahydroxy-6,8-diprenylisoflavone	Flavonoids	$C_{27}H_{32}O_{15}$	
Zmhn002912	Viscumneoside III			