

Table S6**WT and OE-13 HPLC-MS/MS analysis test results (µg/g)**

Sample	Metabolites	Results	Limit of Quantitation
WT	Apigenin	-	0.125
	Catechin	-	0.125
	Epicatechin	Not	0.125
	Rutin	Not	0.125
	Myricetin	-	0.125
	Dihydromyricetin	-	0.125
	Dihydroquercetin	0.195	0.125
	Kaempfero	-	0.125
OE-13	Chalcone	0.28	0.125
	Naringenin	0.695	0.125
	Apigenin	-	0.125
	Catechin	-	0.125
	Epicatechin	Not	0.125
	Rutin	Not	0.125
	Myricetin	-	0.125
	Dihydromyricetin	-	0.125
	Dihydroquercetin	-	0.125
	Kaempfero	0.205	0.125
	Chalcone	0.183	
	Naringenin	0.228	