

Table S3. Characterisation of phenolamide profiles in sunflower nectar and pollen. No phenolamides were found in sunflower leaves and petals.

Tissue	Compound	Molecular formula [M-H] ⁻	Calculated mass [M-H] ⁻	Δ ppm
Nectar				
	<i>N,N'</i> -diferuloyl spermidine	[C ₂₇ H ₃₄ N ₃ O ₆] ⁻	496,2448	0
	<i>N,N',N''</i> -tricoumaroyl spermidine	[C ₃₄ H ₃₆ N ₃ O ₆] ⁻	582,2606	0,3
	<i>N,N',N''</i> -dicoumaroyl feruloyl spermidine	[C ₃₅ H ₃₈ N ₃ O ₇] ⁻	612,2704	1
	<i>N,N',N'',N'''</i> -tetracoumaroyl spermine	[C ₄₆ H ₄₉ N ₄ O ₈] ⁻	785,3549	0,1
	<i>N,N',N'',N'''</i> -tricoumaroyl feruloyl spermine	[C ₄₇ H ₅₁ N ₄ O ₉] ⁻	815,3654	0,2
Pollen				
	<i>N,N',N''</i> -tricoumaroyl spermidine	[C ₃₄ H ₃₆ N ₃ O ₆] ⁻	582,2625	3,6
	<i>N,N',N''</i> -dicoumaroyl feruloyl spermidine	[C ₃₅ H ₃₈ N ₃ O ₇] ⁻	612,2734	3,9
	<i>N,N',N'',N'''</i> -tetracoumaroyl spermine	[C ₄₆ H ₄₉ N ₄ O ₈] ⁻	785,3571	2,7
	<i>N,N',N'',N'''</i> -tricoumaroyl feruloyl spermine	[C ₄₇ H ₅₁ N ₄ O ₉] ⁻	815,3744	10,8