

Supplemental Table S1: Thioacidolysis yields and relative frequency of the guaiacyl G and syringyl S lignin-derived monomers released by the grapevine hairy roots overexpressing *VvMYBPA1* (lines PA1-2A and PA1-7A) or *VvMYBPA2* (lines PA2-1A and PA2-7A) versus wild type line (control-1 and control-2). Thioacidolysis experiments were run in single assay and from independent control or transformed lines. The H monomers were recovered as trace components.

Line	Total yield (G+S)		
	($\mu\text{mol/g DW}$)	%G	%S
Control-1	7.32	67.7	32.3
Control-2	8.68	68.5	31.5
PA1-2A	5.81	70.3	29.7
PA1-7A	13.26	81.3	18.7
PA2-1A	12.22	77.7	22.3
PA2-7A	7.40	79.0	21.0