

**Table S4. Correlation between root parameters and SLs content in *V. vinifera* roots at 20 DAA.**

<b>Code</b>	<b>Root phenotype</b>	<b>(±)-2'-epi-5-deoxystrigol</b>	<b>strigol</b>	<b>(±)-2'-epi-5-deoxystrigol and strigol</b>
1	Root length	-0.655	0.991	-0.159
2	Root diameter	-0.602	0.98	-0.09
3	Lateral root length	-0.963	0.901	-0.675
4	Lateral root density	0.989	-0.841	0.761
5	Fine root number	-0.923	0.438	-0.987
6	Fine root density	-0.383	-0.324	-0.812