

Table S1a Comparisons between particular levels of analysed factor in the leaves of pea seedlings in different times (independently) using the two-sample *t*-test for equal means for all observed traits. Comparisons related to the following plant material variants, i.e. the control vs. the 0.075 mM Pb²⁺ variant; the control vs. 0.5 mM Pb²⁺ variant; the control vs. the +aphids variant; the control vs. 0.075 mM Pb²⁺+aphids variant; the control vs. 0.5 mM Pb²⁺+aphids variant; 0.075 mM Pb²⁺ variant vs. 0.5 mM Pb²⁺ variant; 0.075 mM Pb²⁺ variant vs. 0.075 mM Pb²⁺+aphids variant; 0.5 mM Pb²⁺ variant vs. 0.5 mM Pb²⁺+aphids variant; 0.075 mM Pb²⁺+aphids variant vs. 0.5 mM Pb²⁺+aphids variant; +aphids variant vs. 0.075 mM Pb²⁺+aphids variant; +aphids variant vs. 0.5 mM Pb²⁺+aphids variant

Contrast variant-variant	TSA	SAG	SA	ABA	Pisatin	2' OH- genistein hexoside	Glc-Glc-Glc rhamnose	Glc-Glc-Glc rhamnose iso 1	Glc-Glc-Glc rhamnose iso 2	2' OH- genistein tetrahexosi	Quercetin hexoside	Glc-Glc-Glc kaempferol	Glc-Glc- Glc-Rha quercetin	CHS expression level	PAL expression level	β- glucosidase	PAL	Length	Lead content
Control - 0.075 mM Pb ²⁺ (0 h)	-161.8***	-118.5***	-43.2***	15.03***	-0.0165***	0.89	0.8	5.54***	-3.09**	-9.16***	-4.45***	-39.32***	-57.43***	0.01	0.103***	-5.82***	0.566***	-2.73**	0
Control - 0.5 mM Pb ²⁺ (0 h)	-322.9***	-215.8***	-106.3***	13.08***	-0.0250***	-24.05***	-5.36***	-4.31***	-5.74***	-24.45***	-9.92***	-43.33***	-14.01***	-0.32***	-0.17***	-6.10***	-0.017	-2.18**	0
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (0 h)	-161.1***	-97.3***	-63.1***	-1.95*	-0.0085***	-24.94***	-6.16***	-9.85***	-2.65**	-15.29***	-5.47***	-4.02***	43.42***	-0.33***	-0.273***	-0.27***	-0.583***	0.54	0
Control - +aphids (24 h)	-131.2***	-66.6***	-64.5***	0.9	0.0105***	-0.21	9.01***	4.44***	3.24***	12.83***	0.34	9.25***	7.64***	-0.06**	-0.553***	1.66***	0.08	0.35	-4.2
Control - 0.075 mM Pb ²⁺ (24 h)	-26.5***	24.9***	-51.4***	-50.78***	-0.0753***	-86.14***	-5.03***	-22.47***	-9.64***	-70.14***	-7.01***	-34.42***	-6.05***	0.007	-0.457***	5.52***	-0.086	3.87***	-21.5***
Control - 0.075 mM Pb ²⁺ +aphids (24 h)	-250.9***	-178.2***	-72.7***	-32.21***	-0.1520***	-52.34***	-1.99*	-8.27***	-6.14***	-38.81***	2.6**	14.01***	-4.27***	-0.06**	-0.273***	4.24***	-0.433***	4.32***	-26.7***
Control - 0.5 mM Pb ²⁺ (24 h)	-26.0***	-31.5***	5.9***	1.05	-0.0076**	-21.46***	-0.1	-0.69	4.62***	-3.96***	-6.54***	-25.99***	-1.09	0.703***	0.17***	-2.73***	-0.169	-0.45	2.6
Control - 0.5 mM Pb ²⁺ +aphids (24 h)	-78.9***	-52.1***	-26.5***	-9.97***	0.0510***	-9.99***	1.63	4.58***	2.47**	4.91***	-3.26***	-24***	3.95***	0.593***	0.003	-4.83***	-0.609***	-0.21	2.6
+ aphids - 0,075 mM Pb ²⁺ +aphids (24 h)	-119.7***	-111.6***	-8.1***	-33.12***	-0.1625***	-52.13***	-11***	-12.71***	-9.38***	-51.64***	2.26*	4.76***	-11.92***	0	0.28***	2.57***	-0.513***	3.97***	-22.5***
+ aphids - 0,5 mM Pb ²⁺ +aphids (24 h)	52.3***	14.5***	38.0***	-10.87***	0.0405***	-9.78***	-7.38***	0.13	-0.77	-7.92***	-3.6***	-33.25***	-3.7***	0.653***	0.557***	-6.49***	-0.689***	-0.56	6.9*
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (24 h)	-224.4***	-203.1***	-21.3***	18.57***	-0.0767***	33.8***	3.04**	14.2***	3.51***	31.33***	9.6***	48.43***	1.78*	-0.067**	0.183***	-1.29***	-0.348***	0.46	-5.2*
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (24 h)	-52.9***	-20.6***	-32.4***	-11.01***	0.0586***	11.48***	1.73	5.27***	-2.16*	8.87***	3.28***	1.99***	5.04***	-0.11***	-0.167***	-2.10***	-0.44***	0.24	0
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (24 h)	0.5	-56.4***	57.2***	51.83***	0.0677***	64.68***	4.94***	21.79***	14.27***	66.18***	0.46	8.42***	4.96***	0.697***	0.627***	-8.25***	-0.084	-4.31***	24.1***
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (24 h)	172.0***	126.1***	46.2***	22.25***	0.2029***	42.35***	3.62***	12.85***	8.6***	43.72***	-5.86***	-38.01***	8.22***	0.653***	0.277***	-9.06***	-0.176	-4.53***	29.3***
Control - +aphids (48 h)	-133.8***	-64.8***	-78.9***	1.67	-0.0471***	-90.57***	-6.7***	-2.8***	-1.8*	-7.34***	-3.8***	-6.81***	-7.96***	-0.053*	-0.17***	-0.77***	0.038	0.08	-8.4**
Control - 0.075 mM Pb ²⁺ (48 h)	8.4***	-62.5***	70.8***	-14.88***	0.0346***	-65.68***	15.28***	-2.44***	-5.13***	-5.45***	0.13	23.55***	13.91***	0.44***	-0.157***	5.28***	-1.246***	3.28***	3.1
Control - 0.075 mM Pb ²⁺ +aphids (48 h)	9.3***	-44.7***	53.7***	-69.81***	-0.0959***	-165.85***	-16.71***	-26.27***	-29.01***	-69.79***	-9.52***	-0.39	-13.96***	-0.02	-0.77***	3.90***	-0.394***	4.18***	-32.5***
Control - 0.5 mM Pb ²⁺ (48 h)	-683.9***	-478.7***	-205.0***	-83.5***	-0.1283***	-121.05***	-11.87***	-13.59***	-11.81***	-44.05***	3.31***	26.27***	-20.12***	-0.087***	-0.48***	4.84***	-1.866***	5.05***	-62.5***
Control - 0.5 mM Pb ²⁺ +aphids (48 h)	-14.8***	-14.6***	0.2	-33.1***	-0.0434***	-106.73***	7.6***	-18.26***	-17.67***	-40.98***	-7.17***	23.03***	5.16***	0.537***	-0.35***	5.63***	-1.964***	4.94***	-14.2***
+ aphids - 0,075 mM Pb ²⁺ +aphids (48 h)	143.0***	20.2***	132.5***	-71.48***	-0.0488***	-75.28***	-10.01***	-23.47***	-27.21***	-62.45***	-5.72***	6.41***	-6***	0.033	-0.6***	4.67***	-0.432***	4.1***	-24.2***
+ aphids - 0,5 mM Pb ²⁺ +aphids (48 h)	119.0***	50.3***	79.1***	-34.77***	0.0037	-16.17***	14.3***	-15.45***	-15.87***	-33.64***	-3.37***	29.83***	13.12***	0.59***	-0.18***	6.40***	-2.002***	4.86***	-5.8*
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (48 h)	0.9	17.8***	-17.2***	-54.93***	-0.1305***	-100.17***	-31.99***	-23.83***	-23.88***	-64.35***	-9.65***	-23.94***	-27.86***	-0.46***	-0.613***	-1.39***	0.852***	0.9	-35.6***
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (48 h)	669.1***	464.2***	205.2***	50.4***	0.0849***	14.31***	19.48***	-4.67***	-5.86***	3.07**	-10.48***	-3.24**	25.28***	0.623***	0.13***	0.79***	-0.098	-0.11	48.3***
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (48 h)	-692.3***	-416.2***	-275.8***	-68.62***	-0.1630***	-55.37***	-27.15***	-11.15***	-6.68***	-38.61***	3.18**	2.72**	-34.03***	-0.527***	-0.323***	-0.45***	-0.62***	1.77*	-65.6***
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (48 h)	-24.0***	30.1***	-53.4***	36.71***	0.0525***	59.12***	24.31***	8.01***	11.34***	28.81***	2.35*	23.42***	19.12***	0.557***	0.42***	1.73***	-1.57***	0.76	18.3***
Control - +aphids (72 h)	-87.2***	-29.8***	-57.6***	-2.76**	0.0031	-31.01***	-5.32***	-11.55***	-6.04***	-23.79***	-10.31***	-10.11***	-7.04***	-0.27***	-0.24***	-3.47***	-0.469***	0.23	0
Control - 0.075 mM Pb ²⁺ (72 h)	22.7***	72.2***	-50.1***	-3.12***	0.0185***	-35.35***	-7.22***	-11.64***	-7.23***	-20.11***	-12.76***	-21.05***	-6.11***	-0.7***	-0.257***	0.34***	-0.31**	-0.65	-1.8
Control - 0.075 mM Pb ²⁺ +aphids (72 h)	-44.6***	-3.9	-40.6***	-8.04***	0.0246***	-33.86***	-12.74***	-16.05***	-1.84*	-23.93***	-7.65***	-11.08***	-13.31***	-0.83***	-0.23***	-1.03***	-0.549***	-0.15	-4.6
Control - 0.5 mM Pb ²⁺ (72 h)	-9.0***	53.2***	-62.4***	-93.01***	-0.0396***	-90.13***	-15.27***	-30***	-18.08***	-73.87***	1.08	-4.7***	-18.34***	-0.573***	-0.567***	2.81***	-0.392***	2.88***	-29.7***
Control - 0.5 mM Pb ²⁺ +aphids (72 h)	-211.6***	-92.8***	-118.4***	-13.78***	-0.0758***	-74.69***	-15.94***	-22.46***	-13.97***	-64.12***	-10.72***	-6.54***	-19.45***	-0.843***	-0.21	3.43***	-1.605***	3.7***	-38.1***
+ aphids - 0,075 mM Pb ²⁺ +aphids (72 h)	42.6***	25.8***	17.0***	-5.28***	0.0215***	-2.86**	-7.42***	-4.5***	4.21***	-0.14	2.66**	-0.96	-6.28***	-0.56***	0.01	2.44***	-0.08	-0.38	-4.6
+ aphids - 0,5 mM Pb ²⁺ +aphids (72 h)	-124.4***	-63.1***	-60.8***	-11.01***	-0.0789***	-43.68***	-10.62***	-10.91***	-7.93***	-40.33***	-0.41	3.57***	-12.41***	-0.573***	0.03	6.90***	-1.136***	3.47***	-38.1***
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (72 h)	-67.3***	-76.1***	9.5***	-4.92***	0.0061**	1.49	-5.51***	-4.41***	5.39***	-3.82***	5.1***	9.97***	-7.2***	-0.13***	0.027	-1.37***	-0.239*	0.5	-2.8
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (72 h)	-202.5***	-146***	-56.0***	79.23***	-0.0362***	15.45***	-0.67	7.54***	4.11***	9.75***	-11.8***	-1.84	-1.11	-0.27***	0.357***	0.62***	-1.213***	0.82	-8.4**
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (72 h)	-31.7***	-19***	-12.4***	-89.89***	-0.0582***	-54.78***	-8.04***	-18.36***	-10.85***	-53.75***	13.84***	16.34***	-12.23***	0.127***	-0.31***	2.47***	-0.082	3.52***	-28***
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (72 h)	-166.9***	-88.9***	-77.8***	-5.74***	-0.1004***	-40.83***	-3.2***	-6.41***	-12.13***	-40.19***	-3.06**	4.54***	-6.14***	-0.013	0.02	4.46***	-1.056***	3.85***	-33.5***

* P<0.05; ** P<0.01; *** P<0.001

Table S1b Comparisons between particular levels of analysed factors in the roots of pea seedlings in different times (independently) using the two-sample *t*-test for equal means for all observed traits. Comparisons related to the following plant material variants, i.e. the control vs. the 0.075 mM Pb²⁺ variant; the control vs. 0.5 mM Pb²⁺ variant; the control vs. the +aphids variant; the control vs. 0.075 mM Pb²⁺+aphids variant; the control vs. 0.5 mM Pb²⁺+aphids variant; 0.075 mM Pb²⁺ variant vs. 0.5 mM Pb²⁺ variant; 0.075 mM Pb²⁺ variant vs. 0.075 mM Pb²⁺+aphids variant; 0.5 mM Pb²⁺ variant vs. 0.5 mM Pb²⁺+aphids variant; 0.075 mM Pb²⁺+aphids variant vs. 0.5 mM Pb²⁺+aphids variant; +aphids variant vs. 0.075 mM Pb²⁺+aphids variant; +aphids variant vs. 0.5 mM Pb²⁺+aphids variant

Contrast variant-variant	TSA	SAG	SA	ABA	Pisatin	2'OH- genistein hexoside	Glc-Glc-Glc rhamnose	Glc-Glc-Glc rhamnose iso 1	2'OH- genistein tetrahexoside	quercetin hexoside	Glc-Glc-Glc kaempferol	Glc-Glc-Glc- Rha quercetin	β-glucosidase	PAL	Length	Lead content
Control - 0,075 mM Pb ²⁺ (0 h)	-13	-7.29***	-8.6***	0	-0.159*	4.38***	3.259***	1.795***	1.35***	0.086***	4.27***	1.525***	1.16***	51.6***	-2.1	0
Control - 0,5 mM Pb ²⁺ (0 h)	-85	-81.93***	-4.4*	0	-0.131	4.04***	3.423***	1.906***	1.31***	0.083***	3.14***	1.547***	2.06***	56.7***	-1.2	0
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (0 h)	-72	-74.64***	4.2*	0	0.028	-0.34**	0.164***	0.111	-0.04*	-0.002*	-1.13***	0.022	0.89***	5.1*	0.9	0
Control - +aphids (24 h)	205	194.25***	11***	0	0.236**	-0.04	-0.065*	-0.115	-0.01	0.004***	3.16***	-0.002	-0.96***	-10.3***	-0.3	657.1***
Control - 0,075 mM Pb ²⁺ (24 h)	-9361***	-7221.21***	-2139.7***	0	-4.474***	-3.8***	-0.917***	-0.895***	-0.31***	0.000	7.04***	-0.224***	-23.01***	35.2***	5.9**	-19322***
Control - 0,075 mM Pb ²⁺ +aphids (24 h)	-7541***	-7045.34***	-495.7***	-2.95***	-3.086***	-1.53***	-0.181***	-0.09	-0.15***	0.004***	7.41***	-0.139**	-22.26***	49.4***	4.7**	-17976***
Control - 0,5 mM Pb ²⁺ (24 h)	211	200.1***	11.4***	-1.66***	0.253**	-1.35***	-0.082**	-0.015	-0.20***	0.004***	4.93***	-0.07	-1.08***	-34***	-2.1	5589.7***
Control - 0,5 mM Pb ²⁺ +aphids (24 h)	175	162.51***	12.8***	-1.94***	0.383***	-1.36***	0.068*	0.029	-0.13***	0.002	6.79***	-0.009	-2.05***	-19.7***	-1.6	5589.7***
+ aphids - 0,075 mM Pb ²⁺ +ahids (24 h)	-7746***	-7239.59***	-506.7***	-2.95***	-3.322***	-1.49***	-0.115***	0.025	-0.14***	0.000	4.25***	-0.137**	-21.29***	59.8***	5**	-18633.1***
+ aphids - 0,5 mM Pb ²⁺ +aphids (24 h)	-30	-31.74***	1.8	-1.94***	0.147	-1.33***	0.133***	0.144	-0.12***	-0.003*	3.63***	-0.008	-1.09***	-9.4***	-1.3	4932.5***
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (24 h)	1820*	175.87***	1644***	-2.95***	1.387***	2.27***	0.737***	0.805***	0.16***	0.004***	0.37*	0.085*	0.76***	14.3***	-1.2	1346.1***
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (24 h)	-37	-37.59***	1.4	-0.28*	0.13	-0.01	0.15***	0.044	0.07**	-0.003*	1.86***	0.06	-0.97***	14.3***	0.5	0
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (24 h)	9572***	7421.31***	2151.1***	-1.66***	4.726***	2.45***	0.835***	0.88***	0.11***	0.004***	-2.11***	0.154***	21.93***	-69.2***	-7.9***	24911.7***
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (24 h)	7716***	7207.85***	508.5***	1.01***	3.469***	0.17	0.249***	0.119	0.02	-0.003*	-0.62***	0.13**	20.21***	-69.2***	-6.2***	23565.6***
Control - +aphids (48 h)	4	10.04***	-6.2**	1.21***	0.222**	-0.54***	-0.26***	-0.296**	-0.21***	0.000	-2.99***	-0.107*	-0.02	42***	0.9	621.7***
Control - 0,075 mM Pb ²⁺ (48 h)	-9	-4.13***	-4.4*	3.85***	0.158*	-1.09***	-0.345***	-0.066	-0.04	-0.003*	2.07***	-0.026	-3.20***	-2.7	3	176.4***
Control - 0,075 mM Pb ²⁺ +aphids (48 h)	-5767***	-8059.57***	-560.9***	1.5***	-4.464***	-2.51***	-0.443***	-0.561***	-0.22***	-0.003**	0.96***	-0.051	-28.71***	94.1***	7.3***	-22546.5***
Control - 0,5 mM Pb ²⁺ (48 h)	-10529***	-10000.09***	-530.1***	3.85***	-2.741***	-2.33***	-0.644***	-0.377***	-0.11***	-0.004**	2.11***	-0.06	-21.94***	92.9***	7.4***	-19972.6***
Control - 0,5 mM Pb ²⁺ +aphids (48 h)	-8285***	-5709.86***	-2577.4***	2.38***	-1.484***	-2.37***	-0.719***	-0.665***	-0.14***	0.000	2.51***	-0.15***5	-7.36***	80.9***	7.4***	-13363.8***
+ aphids - 0,075 mM Pb ²⁺ +aphids (48 h)	-5772***	-8069.61***	-554.7***	0.29*	-4.687***	-1.98***	-0.184***	-0.266**	-0.01	-0.003**	3.94***	0.056	-28.69***	52***	6.4***	-23168.2**
+ aphids - 0,5 mM Pb ²⁺ +aphids (48 h)	-8290***	-5719.9***	-2571.2***	1.17***	-1.707***	-1.83***	-0.46***	-0.369***	0.07**	0.000	5.5***	-0.048	-7.34***	38.8***	6.4***	-13985.5***
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (48 h)	-5758***	-8055.44***	-556.5***	-2.35***	-4.623***	-1.42***	-0.098**	-0.495***	-0.19***	-0.001	-1.11***	-0.025	-25.51***	96.8***	4.3*	-22722.9***
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (48 h)	2244*	4290.23***	-2047.3***	-1.47***	1.257***	-0.05	-0.075*	-0.288**	-0.03	0.004**	0.39*	-0.095*	14.58***	-12.1***	-0.1	6608.8***
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (48 h)	-10520***	-9995.96***	-525.7***	0	-2.899***	-1.23***	-0.299***	-0.311***	-0.07**	-0.001	0.04	-0.034	-18.74***	95.7***	4.4*	-20149***
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (48 h)	-2518**	2349.71***	-2016.6***	0.88***	2.98***	0.14	-0.276***	-0.104	0.09***	0.003**	1.55***	-0.104*	21.35***	-13.2***	0.1	9182.7***
Control - +aphids (72 h)	96	91.3**	3.9	-1.9***	-0.057	-0.65***	-0.262***	-0.298**	0.06**	0.000	-0.69***	-0.007	0.38***	5.1*	0.8	0
Control - 0,075 mM Pb ²⁺ (72 h)	93	86.11***	6.3**	0	-0.125	0.17	-0.033	-0.12	-0.02	0.000	-3.21***	-0.011	-0.02	27.1***	0.7	-4344.5***
Control - 0,075 mM Pb ²⁺ +aphids (72 h)	-124	-87.84***	-36.1***	0	-0.133	-0.81***	-0.06*	-0.05	-0.02	-0.004**	-1.68***	-0.146***	0.30***	37***	0.4	-4901.8***
Control - 0,5 mM Pb ²⁺ (72 h)	-9379***	-6330.83***	-3048.2***	-14.82***	-3.28***	-2.24***	-0.537***	-0.784***	-0.30***	-0.006***	-0.91***	-0.259***	-13.06***	47***	3.5*	-24573.2***
Control - 0,5 mM Pb ²⁺ +aphids (72 h)	-6858***	-5681.2***	-1177.1***	-2.68***	-2.298***	-2.27***	-0.456***	-0.546***	-0.24***	-0.004***	1***	-0.228***	-20.27***	89***	5.5**	-25748.2***
+ aphids - 0,075 mM Pb ²⁺ +aphids (72 h)	-221	-179.14***	-40***	1.9***	-0.077	-0.16	0.201***	0.248**	-0.08***	-0.004**	-0.98***	-0.139**	-0.08	31.9***	-0.4	-4901.8***
+ aphids - 0,5 mM Pb ²⁺ +aphids (72 h)	-6955***	-5772.5***	-1181***	-0.78***	-2.242***	-1.62***	-0.194***	-0.248**	-0.30***	-0.004***	1.69***	-0.221***	-20.65***	83.9***	4.7**	-25748.2***
0,075 mM Pb ²⁺ - 0,075 mM Pb ²⁺ +aphids (72 h)	-217	-173.95***	-42.5***	0	-0.008	-0.98***	-0.027	0.07	0.00	-0.004**	1.53***	-0.136**	0.32***	9.8***	-0.3	-557.3***
0,5 mM Pb ²⁺ - 0,5 mM Pb ²⁺ +aphids (72 h)	2520**	649.63***	1871***	12.14***	0.981***	-0.03	0.081**	0.238**	0.06*	0.002	1.91***	0.031	-7.21***	42***	2	-1175***
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (72 h)	-9471***	-6416.94***	-3054.5***	-14.82***	-3.154***	-2.41***	-0.504***	-0.664***	-0.27***	-0.006***	2.3***	-0.248***	-13.04***	19.9***	2.8	-20228.7**
0,075 mM Pb ²⁺ +aphids - 0,5 mM Pb ²⁺ +aphids (72 h)	-6734***	-5593.36***	-1141***	-2.68***	-2.165***	-1.46***	-0.396***	-0.496***	-0.22***	-0.001	2.67***	-0.082*	-20.57***	52***	5.1**	-20846.3***

* P<0.05; ** P<0.01; *** P<0.001

Table S2 Comparison between variant combinations on the basis of lead content in bodies of aphids. Comparisons related to the following aphid variants, i.e., the control vs. 0.075 mM Pb²⁺ variant; the control vs. 0.5 mM Pb²⁺ variant; 0.075 mM Pb²⁺ variant vs. 0.5 mM Pb²⁺ variant, respectively

Contrasts variant-variant	Lead content
control - 0,075 mM Pb ²⁺ (24 h)	-23
control - 0,5 mM Pb ²⁺ (24 h)	-174***
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (24 h)	-151***
control - 0,075 mM Pb ²⁺ (48 h)	-30*
control - 0,5 mM Pb ²⁺ (48 h)	-436***
0,075 mM Pb ²⁺ vs. 0,5 mM Pb ²⁺ (48 h)	-406***
control - 0,075 mM Pb ²⁺ (72 h)	-25*
control - 0,5 mM Pb ²⁺ (72 h)	-444***
0,075 mM Pb ²⁺ - 0,5 mM Pb ²⁺ (72 h)	-419***
* P<0.05; *** P<0.001	