Table S6. Calculated ratio, percent reduction and redox potentials for reducing equivalents

	Primary metabolomics											
	NADH/NAD				NADPH/NADP				GSH/GSSG			
	P	ceh	ceh/eds	eds	P	ceh	ceh/eds	eds	P	ceh	ceh/eds	eds
reduced/oxidized ratio	0.02	0.04	0.04	0.02	0.03	0.04	0.04	0.03	43.06	12.08	21.65	66.34
percent reduced	1.81	3.43	4.12	2.22	2.72	4.06	3.43	3.31	97.68	92.24	95.29	98.25
calculated metabolite-specific redox potential (mV)	-268.6	-277.1	-279.5	-271.4	-269	-274.4	-272.1	-271.6				
	Second experiment											
	NADH/NAD				NADPH/NADP				GSH/GSSG			
	P	ceh	ceh/eds	eds	P	ceh	ceh/eds	eds	P	ceh	ceh/eds	eds
reduced/oxidized ratio	0.01	0.04	0.04	0.01					10.96	3.67	3.22	10.08
percent reduced	0.57	4.02	3.63	1.25					91.09	72.61	74.52	90.10
calculated metabolite-specific redox potential (mV)	-252.1	-274	-272.6	-255.1								