

Supplementary Material – Table S2

Testing for multicollinearity

Table S2. Detection of multicollinearity using VIF. First, all 11 markers were tested for multicollinearity (VIF_{total}). Due to critical correlation ($VIF > 10$), two markers were excluded. The remaining 9 markers were retested for multicollinearity ($VIF_{reduced}$).

Marker	VIF_{total}	$VIF_{reduced}$	
RBF	6.2	2.7	VIF = 1
AP	8.1	1.7	$1 < VIF \leq 5$
T _{Kidney}	1.7	1.2	$5 < VIF \leq 10$
IRR	13.6	X	VIF > 10
VO ₂	15.3	1.8	
DO ₂	22.0	X	
ERO ₂	1.1	1.2	
CO ₂ P	1.1	1.0	
Urine production	2.5	2.3	
Relative urea concentration	2.2	2.1	
Relative GST activity	1.1	1.1	