

Additional file 2. Comparison of the QTLs obtained using the genome of the reference strain IPO323 and of the parental strain 3D7.

	QTL mapped to IPO323	QTL mapped to 3D7
Confidence Interval (95%)	43429 bp (in IPO323)	18135 bp (in 3D7)
LOD score at peak (8 dpi, control)	32.2	29.95
p-value	<0.001	<0.001
Number of genes in the confidence interval	12	6
QTL peak	intergenic region before <i>Zt09_11_00187</i>	49 bp downstream of <i>Zt09_11_00190</i>
Peaking marker	581446 bp	679659 bp
Confidence interval (start - end)	559732 bp - 603161 bp (in IPO323)	661524 bp - 679659 bp (in 3D7)
Number of markers used for mapping on chromosome 11	252	2234