

Table S1. ToxoDB-based ID of the loci analysed in the present study, based on the annotations of frequently used *T. gondii* reference strains.

STRAIN \ LOCI	Sag2	CB21-4	PK1	L363	SAG1	GRA6	SAG3	M102
GT1	TGGT1_chrVIII	TGGT1_chrIII	TGGT1_chrVI	TGGT1_chrVIIb	TGGT1_chrVIII	TGGT1_chrX	TGGT1_chrXII	TGGT1_chrVIIa
ME49	TGME49_chrVIII	TGME49_chrIII	TGME49_chrVI	TGME49_chrVIIb	TGME49_chrVIII	TGME49_chrX	TGME49_chrXII	TGME49_chrVIIa
VEG	TGVEG_chrVIII	TGVEG_chrIII	TGVEG_chrVI	TGVEG_chrVIIb	TGVEG_chrVIII	TGVEG_chrX	TGVEG_chrXII	TGVEG_chrVIIa

* The ID information for the *T. gondii* RH strain is lacking for several genes.

Table S2. BioProject PRJEB34235 European Nucleotide Archive (ENA) accession numbers.

SAMPLE ID	ENA	BioProject	READS ENA ACCESSION
Tg_RH_1_A		PRJEB34235	ERR3505173
Tg_RH_2_A		PRJEB34235	ERR3505211
Tg_RH_3_A		PRJEB34235	ERR3505219
Tg_RH_4_A		PRJEB34235	ERR3505218
Tg_RH_5_A		PRJEB34235	ERR3505214
Tg_RH_6_A		PRJEB34235	ERR3505175
Tg_RH_7_A		PRJEB34235	ERR3505196
Tg_RH_8_A		PRJEB34235	ERR3505188
Tg_RH_9_A		PRJEB34235	ERR3505191
Tg_RH_10_A		PRJEB34235	ERR3505210
Tg_RH_11_A		PRJEB34235	ERR3505195
Tg_RH_12_A		PRJEB34235	ERR3505202
Tg_RH_13_A		PRJEB34235	ERR3505183
Tg_RH_14_A		PRJEB34235	ERR3505208
Tg_RH_15_A		PRJEB34235	ERR3505201
Tg_RH_16_A		PRJEB34235	ERR3505162
Tg_RH_17_A		PRJEB34235	ERR3505161
Tg_RH_18_A		PRJEB34235	ERR3505169

Tg_RH_19_A	PRJEB34235	ERR3505213
Tg_RH_20_A	PRJEB34235	ERR3505174
Tg_RH_21_A	PRJEB34235	ERR3505198
Tg_RH_22_A	PRJEB34235	ERR3505160
Tg_RH_23_A	PRJEB34235	ERR3505178
Tg_RH_24_A	PRJEB34235	ERR3505205
Tg_RH_25_A	PRJEB34235	ERR3505204
Tg_RH_27_A	PRJEB34235	ERR3505171
Tg_RH_28_A	PRJEB34235	ERR3505212
Tg_RH_30_A	PRJEB34235	ERR3505203
Tg_RH_31_A	PRJEB34235	ERR3505159
Tg_RH_32_A	PRJEB34235	ERR3505166
Tg_RH_1_NA	PRJEB34235	ERR3505163
Tg_RH_2_NA	PRJEB34235	ERR3505189
Tg_RH_3_NA	PRJEB34235	ERR3505179
Tg_RH_4_NA	PRJEB34235	ERR3505206
Tg_RH_5_NA	PRJEB34235	ERR3505168
Tg_RH_6_NA	PRJEB34235	ERR3505190
Tg_RH_7_NA	PRJEB34235	ERR3505164
Tg_RH_8_NA	PRJEB34235	ERR3505172
Tg_RH_9_NA	PRJEB34235	ERR3505167
Tg_RH_10_NA	PRJEB34235	ERR3505184
Tg_RH_11_NA	PRJEB34235	ERR3505182
Tg_RH_12_NA	PRJEB34235	ERR3505197
Tg_RH_13_NA	PRJEB34235	ERR3505170
Tg_RH_14_NA	PRJEB34235	ERR3505165
Tg_RH_15_NA	PRJEB34235	ERR3505199
Tg_RH_16_NA	PRJEB34235	ERR3505216
Tg_RH_17_NA	PRJEB34235	ERR3505215
Tg_RH_18_NA	PRJEB34235	ERR3505193
Tg_RH_19_NA	PRJEB34235	ERR3505186
Tg_RH_20_NA	PRJEB34235	ERR3505177
Tg_RH_21_NA	PRJEB34235	ERR3505209
Tg_RH_22_NA	PRJEB34235	ERR3505185

Tg_RH_23_NA	PRJEB34235	ERR3505194
Tg_RH_24_NA	PRJEB34235	ERR3505192
Tg_RH_25_NA	PRJEB34235	ERR3505180
Tg_RH_26_NA	PRJEB34235	ERR3505176
Tg_RH_27_NA	PRJEB34235	ERR3505181
Tg_RH_28_NA	PRJEB34235	ERR3505187
Tg_RH_30_NA	PRJEB34235	ERR3505217
Tg_RH_31_NA *	PRJEB34235	ERR3505200
Tg_RH_32_NA *	PRJEB34235	ERR3505207

* RH positive controls