

Table S3 Sys time for –ultimate filtering using one 8-core node (Intel Xeon processors) and 32 Gb of RAM.

Genotypes	sys (sec)	sys (min)	Total SNPs visited	Rate (SNP/sec)
5	18,121	302.02	49,876	2.75
4	15,020	250.33	47,227	3.14
3	10,207	170.12	26,052	2.55
2	7,542	125.70	16,880	2.24