Mantattan plot for pH45min
$-\log_{10}(p)$
Chromosome
1 2 3 4 5 6 7 8 9 10 12 13 14 15 17

Q-Q plot of pH45min
λ=1.06
Observed $-\log_{10}(p)$
Expected $-\log_{10}(p)$

Mantattan plot for pH24h
$-\log_{10}(p)$
Chromosome
1 2 3 4 5 6 7 8 9 10 12 13 14 15 17

Q-Q plot of pH24h
λ=0.97
Observed $-\log_{10}(p)$
Expected $-\log_{10}(p)$