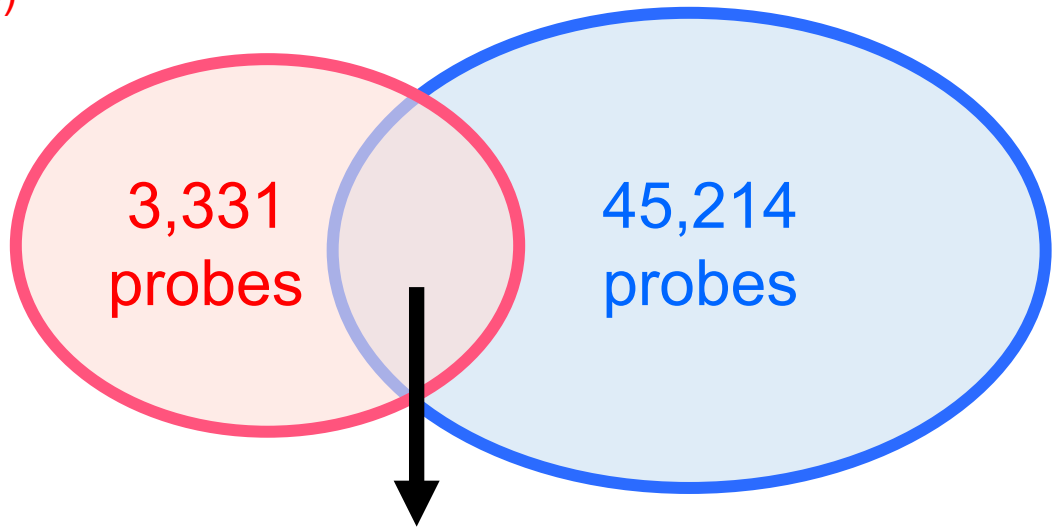
NLT ≠ NASH-N (Welch's *t* test, adjusted Bonferroni correction [$\alpha = 1.12 \times 10^{-7}$] and a $\Delta\beta_{\text{NASH-N - NLT}}$ value of more than 0.05 or less than -0.05)

NASH-N ≠ viral-N (Welch's *t* test, adjusted by Bonferroni correction [$\alpha = 1.12 \times 10^{-7}$] and a $\Delta\beta_{\text{NASH-N – viral-N}}$ value of more than 0.05 or less than -0.05)




Any of the following three cases:
(i) not showing significant differences in DNA methylation levels between the NLT and viral-N samples (NLT=viral-N),
(ii) showing DNA hypermethylation in NASH-Ns and DNA hypomethylation in viral-Ns in comparison with NLT samples (NASH-N>NLT and viral-N<NLT),
or (iii) showing DNA hypomethylation in NASH-Ns and DNA hypermethylation in viral-Ns in comparison with NLT samples (NASH-N<NLT and viral-N>NLT)

375 probes showing NASH-N specific DNA methylation alterations

**Supplementary Figure S5** Procedure for identification of the 375 probes showing NASH-N-specific DNA methylation alterations and summarized in Supplementary Table S4. NLT, normal liver tissue; NASH-N, non-cancerous liver tissue showing non-alcoholic steatohepatitis; viral-N, non-cancerous liver tissue showing chronic hepatitis or cirrhosis associated with hepatitis virus infection.