Research

Cholangiocarcinoma + methylation + GEO

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| GSE44965 | methyl CpG-immunoprecipitation (MCIp) |  |  |  |
| GSE60446 | 450K in TFK-1 and HuCCT1 |  |  |  |
| GSE49656 | 450K in 32 CCA and 4 normal |  |  |  |
| GSE38860 | 27K in 28CCA and 6 adjacent |  |  |  |
| GSE32079 | 450K in 40 CCA |  |  |  |

40+39+18=

intrahepatic (iCCA), perihilar (pCCA), or distal (dCCA)