

Supplementary Table 2. Subanalysis of paired cholangioscopic-guided versus cholangiographic-guided biliary biopsies.

Parameter	Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	AUC (95% CI)
Paired cholangioscopic-guided biliary biopsies (<i>n</i> = 28)					
Pathologic evaluation	50% (0.30 - 0.70)	100% (0.40 - 1.00)	100% (0.70 - 1.00)	25% (0.08 - 0.53)	0.75 (0.55 - 0.95)
BiliSeq testing	71% (0.49 - 0.87)	100% (0.40 - 1.00)	100% (0.77 - 1.00)	36% (0.12 - 0.68)	0.85 (0.71 - 1.00)
Pathologic evaluation and BiliSeq testing	79% (0.57 - 0.92)	100% (0.40 - 1.00)	100% (0.79 - 1.00)	44% (0.15 - 0.77)	0.90 (0.78 - 1.00)
Paired cholangiographic-guided biliary biopsies (<i>n</i> = 86)					
Pathologic evaluation	53% (0.40 - 0.66)	100% (0.82 - 1.00)	100% (0.87 - 1.00)	42% (0.29 - 0.57)	0.77 (0.67 - 0.86)
BiliSeq testing	78% (0.66 - 0.87)	100% (0.82 - 1.00)	100% (0.91 - 1.00)	61% (0.44 - 0.76)	0.89 (0.82 - 0.96)
Pathologic evaluation and BiliSeq testing	86% (0.75 - 0.93)	100% (0.82 - 1.00)	100% (0.92 - 1.00)	71% (0.52 - 0.85)	0.93 (0.88 - 0.98)

Abbreviations: AUC, area under the curve; NPV, negative predictive value; PPV, positive predictive value