

Supplemental Table 1. Correlation between ASBT expression, clinical, laboratory, and histopathological findings in dogs with CIE.

Abbreviations: ASBT, apical sodium-dependent bile acid transporter; CIBDAI, canine inflammatory bowel disease activity index; BA, bile acids; [], concentration.

Spearman ρ correlation coefficient (P_{corr})

Parameter correlated with	ASBT protein - ileum	ASBT protein - colon	ASBT mRNA - ileum	ASBT mRNA - colon	CIBDAI score	Serum albumin (g/dL)	Serum cobalamin (ng/L)	Histopathological score - ileum	Histopathological score - colon	Total fecal BA [] ($\mu\text{g}/\text{mg}$)	% of fecal primary BA	% of fecal secondary BA	Dysbiosis index
ASBT protein - colon	.15 (.47)												
ASBT mRNA - ileum	.41 (.042)	-.05 (.79)											
ASBT mRNA - colon	.21 (.32)	-.12 (.54)	.48 (.01)										
CIBDAI score	.27 (.19)	.21 (.31)	-.12 (.56)	.02 (.91)									
Serum albumin (g/dL)	.25 (.24)	.11 (.60)	.58 (.003)	.22 (.30)	-.01 (.94)								
Serum cobalamin (ng/L)	-.004 (.98)	-.34 (.29)	-.02 (.93)	-.60 (.04)	.06 (.86)	.37 (.18)							
Histopathological score - ileum	-.40 (.049)	-.28 (.17)	-.24 (.25)	-.28 (.17)	-.04 (.83)	-.10 (.63)	-.01 (.95)						
Histopathological score - colon	-.13 (.51)	-.12 (.55)	-.002 (.98)	-.25 (.22)	.09 (.67)	.21 (.32)	.19 (.49)	.27 (.20)					
Total fecal BA [] ($\mu\text{g}/\text{mg}$)	-.51 (.10)	-.73 (.009)	-.57 (.06)	-.32 (.33)	-.09 (.76)	.07 (.83)	.27 (.40)	.37 (.25)	-.03 (.91)				
% of fecal primary BA	-.51 (.10)	.51 (.10)	-.05 (.88)	-.01 (.96)	-.06 (.84)	-.07 (.83)	.02 (.93)	-.29 (.38)	-.18 (.58)	-.03 (.91)			
% of fecal secondary BA	-.51 (.10)	.50 (.10)	.05 (.88)	.01 (.96)	.06 (.84)	.07 (.83)	-.02 (.93)	.29 (.38)	.18 (.58)	.03 (.91)	-1 (<.001)		
Dysbiosis index	0 (1)	-.44 (.16)	-.23 (.49)	-.36 (.27)	.08 (.80)	.17 (.62)	.22 (.50)	.20 (.54)	.32 (.33)	.3 (.37)	.65 (.02)	-.65 (.02)	
<i>Clostridium hiranonis</i> log values	.31 (.34)	.29 (.37)	-.31 (.34)	-.03 (.92)	-.05 (.87)	-.05 (.87)	-.16 (.62)	.10 (.75)	-.002 (.99)	.15 (.64)	-.75 (.007)	.75 (.007)	-.79 (.003)

Bold face values indicate $P < .05$.