

Supplementary Table S1. all primers, annealing temperatures and amplicon sizes of PCR amplification.

Gene	Primer sequences (5'-3')	AT(°C)	Size(bp)	Reference	
<i>E. bieneusi</i> ITS1	F1: GATGGTCATAGGGATGAAGAGCTT	55	-392	[22]	
	R1: AATACAGGATCACTTGGATCCGT				
	F2: AGGGATGAAGAGCTTCGGCTCTG				
	R2: AATATCCCTAATACAGGATCACT				
<i>Encephalitozoo</i> <i>n</i> spp. ITS	F1: TGAATG(G/T)GTCCCTGT	55	-300	[24]	
	R1: TCACTCGCCGCTACT				
	F2: GGAATTCACACCGCCCGTC(A/G)(C/T)TAT				
	R2: CCAAGCTTATGCTTAAGT(C/T)(A/C)AA(A/G) GGT				
MS1	F1: AAGTTGCAAGTTCACTGTTGAA	58	-676	[23]	
	R1: GATGAATATGCATCCATTGATGTT				
	F2: TTGTAAATCGACCAAATGTGCTAT				
	R2: ACATAAACCACTAATTAATGTAAC				
MS3	F1: CAAGCACTGTGGTTACTGTT	55	-537		
	R1: AAGTTA GGGCATTAAATAAAATTA				
	F2: GTTCAAGTAATTGATACCAGTCT				
	R2: CTCATTGAATCTAAATGTGTATAA				
MS4	F1: GCATATCGTCTCATAGGAACA	55	-885		
	R1: GTTCATGGTTATTAATTCCAGAA				
	F2: CGAAGTGTACTACATGTCTCT				
	R2: GGACTTTAATAAGTTACCTATAGT				
MS7	F1: GTTGATCGTCCAGATGGAATT	55	-471		
	R1: GACTATCAGTATTACTGATTATAT				
	F2: CAATAGTAAAGGAAGATGGTCA				
	R2: CGTCGCTTGTTCATAATCTT				

Supplementary Figure S1. Sequence variation in the ITS region between the new SCR1 genotype and the known FJL genotype of *Enterocytozoon bieneusi*.

