

Supplementary Materials

Table S1. 2 × 2 Table Comparing BRL Model Prediction Group to Multiplex PCR Results (Training Set)

Odds Ratio Algorithm	Multiplex PCR Result (Training Set)			
	Prediction	Present	Absent	Total
OR = exp [21.905 – 0.284 (MCV standardized by age(fL) + 0.024 (serum ferritin(ng/mL) - 1.142 (Hb A2(%))]	Positive	31	16	47
	Negative	4	83	87
	Total	35	99	134

Table S2. 2 × 2 Table Comparing BRL Model Prediction Group to Multiplex PCR Results (Validation Set)

Odds Ratio Algorithm	Multiplex PCR Result (Validation Set)			
	Prediction	Present	Absent	Total
OR = exp [21.905 – 0.284 (MCV standardized by age(fL) + 0.024 (serum ferritin(ng/mL) - 1.142 (Hb A2(%))]	Positive	39	21	60
	Negative	2	98	100
	Total	41	119	160

Table S3. 2 × 2 Table Comparing BRL Model Prediction Group to Multiplex PCR Results (Total Sample)

Odds Ratio Algorithm	Multiplex PCR Result (Total Set)			
	Prediction	Present	Absent	Total
OR = exp [21.905 – 0.284 (MCV standardized by age(fL) + 0.024 (serum ferritin(ng/mL) - 1.142 (Hb A2(%))]	Positive	70	37	107
	Negative	6	181	187
	Total	76	218	294