

Table S8. 95% confidence intervals constructed by Agresti-Coull method for observed mixture ratios and the error from the expected actual mixture ratios

Run	Mixed ratio %		Site	95 % Confidence interval constructed using DiBayes quantification		
	Var1	Var2		lower bound	upper bound	minimum error
2	50	50	173	44.00%	48.30%	1.70%
			435	51.50%	55.70%	1.50%
			575	41.90%	46.30%	3.70%
4	90	10	173	8.00%	10.10%	0%
			435	11.20%	13.80%	1.20%
			575	7.00%	9.20%	0.80%
6	75	25	173	22.70%	27.50%	0%
			435	26.10%	31.20%	1.10%
			575	17.30%	21.80%	3.20%
7	25	75	173	70.40%	74.30%	0.70%
435			77.70%	80.90%	2.70%	
575			66.00%	70.20%	4.80%	
8			173	71.40%	75.70%	0%
435			76.60%	80.30%	1.60%	
575			67.00%	71.70%	3.30%	
9	10	90	173	88.60%	91.90%	0%
435			89.80%	92.60%	0%	
575			85.50%	89.30%	0.70%	
10			173	87.20%	90.90%	0%
435			90.70%	93.70%	0.70%	
575			83.00%	87.40%	2.60%	