

Supplementary Table S1. Statistical data of the paired end reads for each sample analyzed in this study from four different locations. SD: Standard deviation; %: Percentage; F: forward; R: reverse.

Location (year)	Number of Reads	Total bases	Mean read length (SD)	Number of Filtered Reads (%)
<i>Bocas de Dzilam</i> (2019)	93,929 F	28,154,347	299.7 (11.5)	63,894 (68.02)
	93,929 R	28,090,873	299.1 (11.3)	
<i>Bocas de Dzilam</i> (2019)	82,638 F	24,767,807	299.7 (12.7)	62,267 (75.35)
	82,638 R	24,698,252	298.9 (12.8)	
<i>Bocas de Dzilam</i> (2019)	93,922 F	28,115,237	299.3 (15)	70,047 (74.58)
	93,922 R	28,030,213	298.4 (15)	
<i>El Palmar</i> (2018)	56,963 F	17,136,763	300.8 (3.1)	23,974 (42.09)
	56,963 R	17,076,155	299.8 (7.3)	
<i>El Palmar</i> (2018)	47,789 F	14,375,024	300.8 (2)	19,568 (40.95)
	47,789 R	14,329,472	299.8 (6.2)	
<i>El Palmar</i> (2017)	39,937 F	12,014,595	300.8 (3.2)	28,409 (71.13)
	39,937 R	11,970,763	299.7 (7.4)	
<i>Progreso</i> (2019)	102,655 F	30,814,442	300.2 (10)	78,072 (76.05)
	102,655 R	30,726,022	299.3 (10)	
<i>Progreso</i> (2019)	72,939 F	21,868,651	299.8 (12.1)	43,510 (59.65)
	72,939 R	21,807,806	299.0 (12)	
<i>Progreso</i> (2019)	89,402 F	26,728,096	299 (16.1)	64,953 (72.65)
	89,402 R	26,650,848	298.1 (16.1)	
<i>Sisal</i> (2018)	45,020 F	13,548,414	300.9 (2.5)	21,347 (47.42)
	45,020 R	13,496,115	299.8 (7.2)	
<i>Sisal</i> (2018)	44,925 F	13,512,248	300.8 (3.6)	16,896 (37.61)
	44,925 R	13,468,107	299.8 (7.1)	
<i>Sisal</i> (2017)	38,421 F	11,553,496	300.7 (4.6)	27,020 (70.33)
	38,421 R	11,514,926	299.7 (8.2)	