

Supplementary Table 2: Prevalence of virulence related-genes (VRGs) of enteropathogenic *Escherichia coli* (EPEC) among children infected with atypical EPEC and typical EPEC with and without diarrhea (cases and controls) from Brazilian semiarid region.

VRGs	Encoded factors	Typical EPEC N = 29 (%)	Atypical EPEC N = 308 (%)	Total N = 337 (%)	Univariable P value/OR/95%IC	Multivariable P value/OR/95%IC
<i>espC</i>	Enterotoxin	14 (48.2)	128 (41.5)	142 (42.1)	0.5565/1.31/0.61 – 2.81	0.244/0.60/ -
<i>espP</i>	Protease	11 (37.9)	128 (41.5)	139 (41.2)	0.8441/0.85/0.39 – 1.88	0.411/1.43/ -
<i>tir</i>	Intimin	5 (17.2)	44 (14.2)	61 (18.1)	0.5903/1.25/0.45 – 3.45	0.623/0.76/ -
<i>map</i>	LEE encoded effector	11 (37.9)	178 (57.7)	189 (56.0)	0.0498*/2.24/1.02 – 4.90	0.051/2.20/0.99 – 4.89
<i>espH</i>		12 (41.3)	144 (46.7)	156 (46.2)	0.6977/0.80/0.37 – 1.74	0.84/1.08/0.49 – 2.38
<i>espB</i>	T3SS effectors	18 (62.0)	168 (54.5)	186 (55.1)	0.5586/1.36/0.62 – 2.98	0.433/0.71/0.31 – 1.64
<i>espD</i>		13 (44.8)	112 (36.0)	125 (37.0)	0.4225/1.42/0.65 – 3.06	0.422/0.72/0.32 – 1.60
<i>espZ</i>		12 (41.3)	123 (39.9)	135 (40.0)	1.0000/1.06/0.48 – 2.30	0.849/0.92/0.40 – 2.09
<i>nleB</i>		11 (37.9)	108 (35.0)	119 (35.3)	0.8394/1.12/0.51 – 2.48	0.882/0.94/0.41 – 2.12
<i>cesT</i>		16 (55.1)	185 (60.0)	201 (59.6)	0.6931/0.81/0.38 – 1.76	0.436/1.37/0.61 – 3.06
<i>ler</i>	LEE encoded regulators	18 (62.0)	225 (73.0)	243 (72.1)	0.2776/0.60/0.27 – 1.33	0.141/1.84/ -
<i>espJ</i>	No-LEE	7 (24.1)	94 (30.5)	101 (29.9)	0.5323/0.72/0.29 – 1.75	0.547/1.35/0.5 – 3.69
<i>espL</i>		9 (31.0)	122 (39.6)	131 (38.8)	0.4290/0.68/0.30 – 1.55	0.619/1.26/0.49 – 3.23
<i>espG</i>		16 (55.1)	190 (61.6)	206 (61.1)	0.5517/0.76/0.35 – 1.64	0.482/1.34/0.58 – 3.06
<i>nleE</i>		7 (24.1)	96 (31.1)	103 (30.5)	0.5299/0.70/0.29 – 1.70	0.494/1.39/0.53 – 3.61
<i>nleF</i>		11 (37.9)	117 (37.9)	128 (37.9)	1.0000/0.99/0.45 – 2.18	0.726/0.86/0.37 – 1.99
<i>nleD</i>		5 (17.2)	39 (12.6)	44 (13.0)	0.5611/1.43/0.51 – 3.98	0.772/0.84/0.28 – 2.56

<i>nleC</i>	12 (41.3)	96 (31.1)	108 (32.0)	0.2989/1.55/0.71 – 3.39	0.186/0.56/0.23 – 1.32
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