

**Supplementary Table 3:** Prevalence of virulence related-genes (VRGs) of enteropathogenic *Escherichia coli* (EPEC) among children infected with atypical EPEC with and without diarrhea (cases and controls) from Brazilian semiarid region.

VRGs	Encoded factors	Cases N = 174 (%)	Controls N = 163 (%)	Total N = 337 (%)	Univariable P value/OR/95%IC	Multivariable P value/OR/95%IC
<i>espC</i>	Enterotoxin	68 (39.0)	60 (36.8)	128 (37.9)	0.7363/1.10/0.70 – 1.71	0.16/1.42/0.87 – 2.33
<i>espP</i>	Protease	61 (35.0)	67 (41.1)	128 (37.9)	0.2634/0.77/0.49 – 1.20	0.197/0.72/0.44 – 1.18
<i>tir</i>	Intimin	25 (14.3)	19 (11.6)	44 (13.0)	0.5191/1.27/0.67 – 2.41	0.289/1.42/0.74 – 2.74
<i>map</i>	LEE encoded effector	92 (52.8)	86 (52.7)	178 (52.8)	1.0000/1.00/0.65 – 1.54	0.369/1.23/0.78 – 1.94
<i>espH</i>		73 (41.9)	71 (43.5)	144 (42.7)	0.8257/0.93/0.60 – 1.44	0.922/1.02/0.65 – 1.60
<i>espB</i>	T3SS effectors	86 (49.4)	82 (50.3)	168 (49.8)	0.9134/0.96/0.62 – 1.48	0.789/1.06/0.65 – 1.73
<i>espD</i>		60 (34.4)	52 (31.9)	112 (33.2)	0.6446/1.12/0.71 – 1.76	0.178/1.39/0.85 – 2.26
<i>espZ</i>		66 (37.9)	57 (34.9)	123 (36.4)	0.6508/1.13/0.72 – 1.77	0.252/1.32/0.81 – 2.15
<i>nleB</i>		57 (32.7)	51 (31.2)	108 (32.0)	0.8157/1.07/0.67 – 1.69	0.604/1.13/0.69 – 1.84
<i>cesT</i>		92 (52.8)	93 (57.0)	185 (54.8)	0.4458/0.84/0.54 – 1.29	0.796/0.93/0.57 – 1.52
<i>ler</i>	LEE encoded regulators	107 (61.4)	118 (72.3)	225 (66.7)	0.0376*/1.64/1.03 – 2.60	0.167/0.69/0.41 – 1.16
<i>espJ</i>	No-LEE	44 (25.2)	50 (30.6)	94 (27.8)	0.2770/0.76/0.47 – 1.23	0.546/0.84/0.47 – 1.47
<i>espL</i>		64 (36.7)	58 (35.5)	122 (36.2)	0.8217/1.05/0.67 – 1.64	0.253/1.36/0.80 – 2.31
<i>espG</i>		97 (55.7)	93 (57.0)	190 (56.3)	0.8267/0.94/0.60 – 1.55	0.873/1.04/0.63 – 1.69
<i>nleE</i>		49 (28.1)	47 (28.8)	96 (28.4)	0.9044/0.96/0.60 – 1.55	0.676/1.11/0.66 – 1.87
<i>nleF</i>		58 (33.3)	59 (36.1)	117 (34.7)	0.6472/0.88/0.56 – 1.38	0.94/0.98/0.60 – 1.59
<i>nleD</i>		24 (13.7)	15 (9.2)	39 (11.5)	0.2333/1.57/0.79 – 3.12	0.068/2/0.95 – 4.20
<i>nleC</i>		45 (25.8)	51 (31.2)	96 (28.4)	0.2797/0.76/0.47 – 1.23	0.163/0.67/0.39 – 1.17