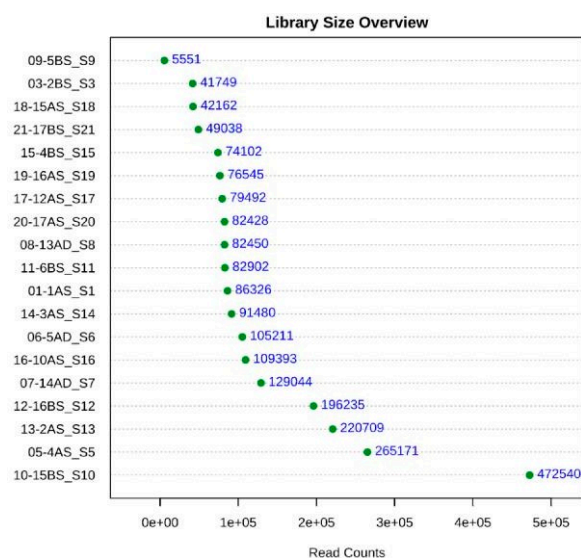




Supplementary Material

Supplementary Table S1. Characteristics of the cohort subjected to study.

ID sample	Sex	Gestational age	Ethnicity	Vaginal swab	Ocular swab (dx and sx)
1A	F	40 weeks	Caucasian	negative	T0: at birth
1B					T1: gentamicin prophylaxis
2A	F	44 weeks	Caucasian	negative	T0: at birth
2B					T1: gentamicin prophylaxis
3A	F	46 weeks	Caucasian	negative	T0: at birth
3B					T1: gentamicin prophylaxis
4A	F	46 weeks	Caucasian	negative	T0: at birth
4B					T1: gentamicin prophylaxis
5A	M	42 weeks	Caucasian	negative	T0: at birth
5B					T1: gentamicin prophylaxis
6A	M	42 weeks	Caucasian	negative	T0: at birth
6B					T1: gentamicin prophylaxis
7A	F	42 weeks	Caucasian	negative	T0: at birth
/					T1: /
8A	F	43 weeks	Caucasian	negative	T0: at birth
/					T1: /
9A	F	39 weeks	Caucasian	negative	T0: at birth
/					T1: /
10A	M	41 weeks	Caucasian	negative	T0: at birth
/					T1: /
11A	M	42 weeks	Caucasian	negative	T0: at birth
/					T1: /
12A	M	40 weeks	Caucasian	negative	T0: at birth
/					T1: /
13A	M	42 weeks	Caucasian	negative	T0: at birth
/					T1: /

Supplementary Figure S1. Read counts for each compound.**Supplementary Table S2.** Percentage values of assigned and unassigned reads at genus level.

Name	Reads assigned (% value)	Reads unassigned (% value)
1-A	92.53	7.48
2-A	92.46	7.55
2-B	93.59	6.43
3-A	90.33	9.64
4-A	95.49	4.53
4-B	75.81	24.11
5-A	94.85	5.16
5-B	96.70	3.32
6-B	96.49	3.51
10-A	91.01	9.00
12-A	87.39	12.60
13-A	93.63	6.38
14-A	95.69	4.31
15-A	89.74	10.29
15-B	96.84	3.15
16-A	90.68	9.27
16-B	97.15	2.83
17-A	91.92	8.06
17-B	85.63	14.36
Mean (%)	92.00	8.00
Std.Dev. (%)	5.09	5.07