

Table 1: **Base ratios estimates for biologically variable positions in disagreement with the consensus estimates**

Org	Plat	Lab	Rep	Consensus	Estimate	Count	Prob
Ecoli	454	NMIA	1	6:1	5:2	7	1.00
Ecoli	ION	NIMC	1	4:3	3:4	1	1.00
Ecoli	ION	NIST	1	4:3	5:2	1	0.90
Ecoli	ION	NIST	1	6:1	5:2	7	1.00
Ecoli	Sanger	ATCC	1	4:3	0:7	2	1.00
Ecoli	Sanger	ATCC	1	6:1	7:0	9	1.00
Ecoli	Sanger	ISP	1	4:3	0:7	1	1.00
Ecoli	Sanger	ISP	1	4:3	7:0	1	1.00
Ecoli	Sanger	ISP	1	6:1	7:0	9	1.00
Lmono	Sanger	ATCC	1	3:3	0:6	1	1.00
Lmono	Sanger	ATCC	1	5:1	6:0	2	1.00
Lmono	Sanger	ISP	1	3:3	0:6	1	1.00
Lmono	Sanger	ISP	1	5:1	6:0	2	1.00
Lmono	Sanger	LGC	1	3:3	4:2	1	0.54