

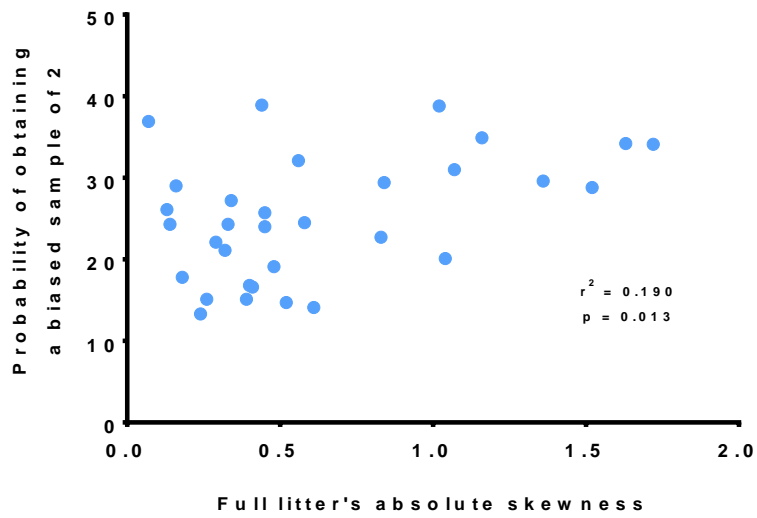
Supplemental Information

Table S1: Primer

Gene	Accession #	Forward	Reverse	Size
Il6	NM_012589.2	5'-GCCAGAGTCATTCAGAGCAA-3'	5' CATTGGAAGTTGGGGTAGGA-3'	99
Il-10	NM_012854.2	5'-CCTGGGAGAGAAGCTGAAGA-3'	5'-TGGCCTTGTAGACACCTTTG-3'	139
Tnfa	NM_012675.3	5'-GAAACACACGAGACGCTGAA-3'	5'-ATCCA CT CAGGCATCGACA-3'	121
Ifng	NM_138880.2	5-'ACAACCCACAGATCCAGCAC-3'	5'-GACTCCTTTTCCGCTTCCTT-3'	121

Table and figure S2: Influence of Skewness and Kurtosis on sample bias

Absolute Skewness		
Sample size	Pearson Correlation coefficient	p-value
2	0.436	0.013
3	0.491	<0.01
4	0.495	<0.01
5	0.421	0.016
6	0.598	0.014
7	0.662	<0.01
Kurtosis		
Sample size	Pearson Correlation coefficient	p-value
2	0.736	<0.01
3	0.802	<0.01
4	0.757	<0.01
5	0.681	<0.01
6	0.819	<0.01
7	0.81	<0.01



Correlation between the probability of obtaining a biased sample from a litter and the whole litter's absolute skewness or kurtosis.