

Table S3.

Groups of genes	Genes-5th	Genes-95th	X^{2a}	p-value^e
<u>COGs categories^b</u>				
Cellular processes & signalling	16	21	0.48019	0.4883
Information storage & processing	42	28	2.9739	0.08462
Poorly characterised	74	73	0	1
Metabolism	54	64	1.0053	0.316
<u>Tuberculist categories^c</u>				
Cell & cell wall processes	22	45	8.8108	0.002995
Hypotheticals/unknown	64	63	0	1
Information pathways	14	8	1.2078	0.2718
Intermediate metabolism/ respiration	40	36	0.14883	0.6997
Virulence, detoxification, adaptation	23	12	3.1539	0.07575
Insertion seqs & phages	7	5	0.086111	0.7692
Lipid Metabolism	4	8	0.775	0.3787
Regulatory proteins	12	9	0.20187	0.6532
<u>Other categories</u>				
Toxin-antitoxin ^d	17	5	5.0244	0.02499
ESAT6/ESX	0	4	2.2745	0.1315
Resistance genes	1	7	3.1937	0.07392
Induced under stress ^d	34	9	14.932	0.0001115