

Supplementary Table-1

List of bacterial species and strains used in this work and there related infections

SI No	Bacteria and strains	Causing diseases
1	<i>Escherichia coli</i> O157:H7	Bloody diarrhea
2	<i>Escherichia coli</i> K 12 substr. DH10B	Non-pathogenic
	<i>Escherichia coli</i> K-12 substr. MG1655	Non-pathogenic
3	<i>Yersinia pestis</i> CO92	Plague
4	<i>Corynebacterium diphtheriae</i>	Diphtheria
5	<i>Corynebacterium urealyticum</i> DSM 7109	Urinary tract infection, Encrusted pyelitis, encrusted cystitis
6	<i>Corynebacterium glutamicum</i> R	Non-pathogenic
7	<i>Corynebacterium glutamicum</i> ATCC 13032 Kitasato	Non-pathogenic
8	<i>Corynebacterium pseudotuberculosis</i> 3/99-5 (Isolated from sheep)	Caseous Lymphadenitis
9	<i>Corynebacterium pseudotuberculosis</i> FRC41 (Isolated from human)	Caseous Lymphadenitis
10	<i>Corynebacterium pseudotuberculosis</i> 316 (Isolated from horse)	Caseous Lymphadenitis
11	<i>Corynebacterium pseudotuberculosis</i> P54B96 (Isolated from antelope)	Caseous Lymphadenitis
12	<i>Mycobacterium tuberculosis</i> H37Rv	Tuberculosis
13	<i>Mycobacterium tuberculosis</i> CDC1551	Tuberculosis
14	<i>Mycobacterium ulcerans</i> Agy99	Buruli ulcer