

5NosoAE: a web server for nosocomial bacterial antibiogram investigation and epidemiology survey

Chih-Chieh Chen^{1*}, Yen-Yi Liu², Ya-Chu Yang¹, Chu-Yi Hsu¹

¹Institute of Medical Science and Technology, National Sun Yat-sen University, Kaohsiung, Taiwan

²Department of Public Health, China Medical University, Taichung, Taiwan

Table S1. List of 91 antibiotics belonging to 24 classes.

Class number	Class name	#	Antibiotic
1	Aminoglycoside	1	Gentamicin
		2	Tobramycin
		3	Streptomycin
		4	Amikacin
		5	Isepamicin
		6	Dibekacin
		7	Kanamycin
		8	Neomycin
		9	Lividomycin
		10	Paromomycin
		11	Ribostamycin
		12	Butiromycin
		13	Butirosin
		14	Hygromycin
		15	Netilmicin
		16	Apramycin
		17	Sisomicin
		18	Arbekacin
		19	Kasugamycin
		20	Astromicin
		21	Fortimicin
22	Spectinomycin	22	Spectinomycin
3	Fluoroquinolone	23	Fluoroquinolone
		24	Ciprofloxacin
		25	Nalidixic acid
4	Beta-lactam	26	Amoxicillin
		27	Amoxicillin + Clavulanic acid
		28	Ampicillin
		29	Ampicillin + Clavulanic acid
		30	Cefepime
		31	Cefixime
		32	Cefotaxime
		33	Cefoxitin
		34	Ceftazidime
		35	Ertapenem
		36	Imipenem
		37	Meropenem
		38	Piperacillin
		39	Piperacillin + Tazobactam
		40	Aztreonam
		41	Cefotaxime + Clavulanic acid
		42	Temocillin
		43	Ticarcillin
		44	Ceftazidime + Avibactam
		45	Penicillin
46	Ceftriaxone		
47	Ticarcillin + Clavulanic acid		
48	Cephalothin		
49	Cephalotin		
50	Piperacillin + Clavulanic acid		
5	Folate pathway antagonist	51	Sulfamethoxazole
		52	Trimethoprim
53	Fosfomycin	53	Fosfomycin
54	Vancomycin	54	Vancomycin

		55	Teicoplanin
8	Lincosamide	56	Lincomycin
		57	Clindamycin
9	Streptogramin A	58	Dalfopristin
		59	Pristinamycin IIA
		60	Virginiamycin M
		61	Quinupristin + Dalfopristin
10	Pleuromutilin	62	Tiamulin
11	Macrolide	63	Carbomycin
		64	Erythromycin
		65	Azithromycin
		66	Oleandomycin
		67	Spiramycin
		68	Tylosin
		69	Telithromycin
12	Tetracycline	70	Tetracycline
		71	Doxycycline
		72	Minocycline
		73	Tigecycline
13	Phenicol	74	Chloramphenicol
		75	Florfenicol
14	Rifamycin	76	Rifampicin
15	Streptogramin B	77	Quinupristin
		78	Pristinamycin IA
		79	Virginiamycin S
16	Oxazolidinone	80	Linezolid
17	Polymyxin	81	Colistin
18	Steroid antibacterial	82	Fusidic acid
19	Pseudomonic acid	83	Mupirocin
20	Nitroimidazole	84	Metronidazole
21	Aldehyde	85	Formaldehyde
22	Quaternary ammonium compounds	86	Benzylkonium Chloride
		87	Ethidium Bromide
		88	Chlorhexidine
		89	Cetylpyridinium Chloride
23	Peroxide	90	Hydrogen peroxide
24	Heat	91	Temperature

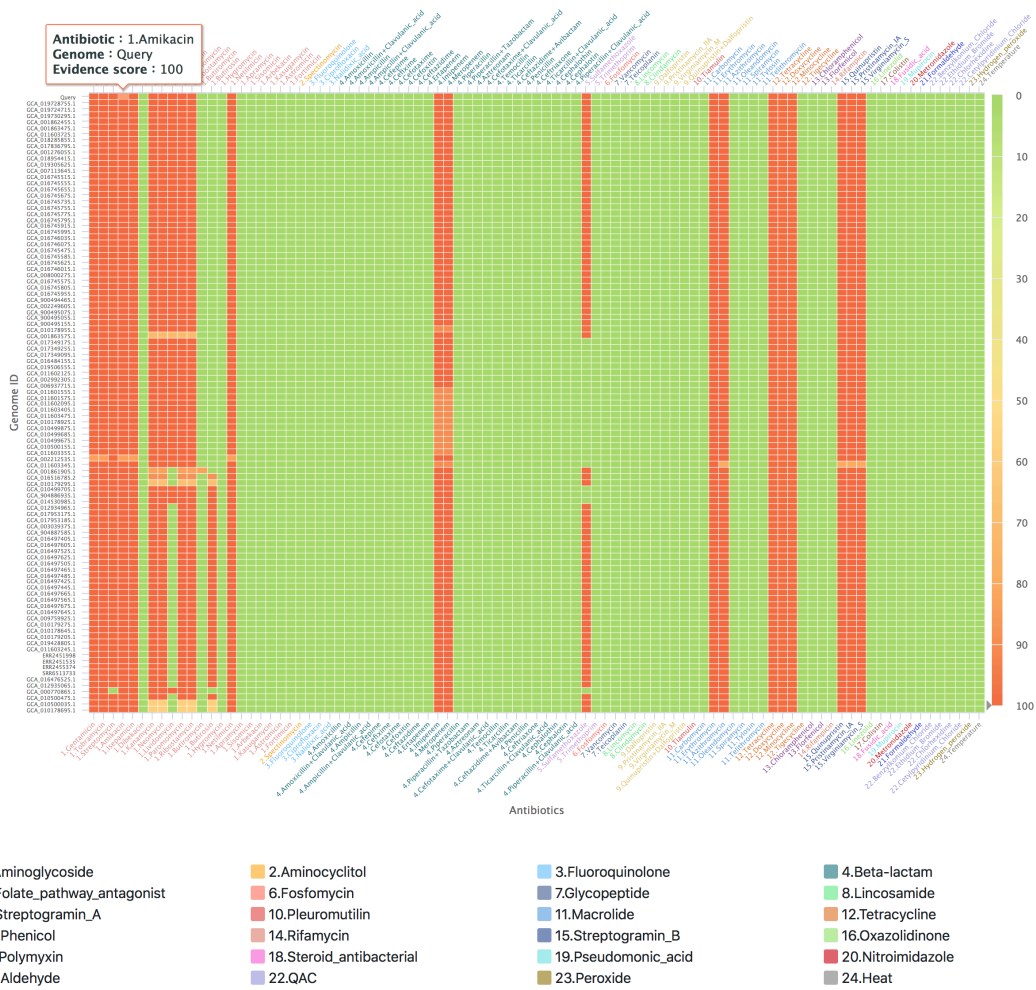


Figure S1. Heatmap of antimicrobial resistance profiles of the *Acinetobacter baumannii* isolate (NCBI Assembly ID: GCA_01972875.1).