					□ 1 c ■ 2 c	opies opies
Pse Pse	udomonas ae udomonas ae Iomonas aeri	ruginosa A39-1 eruginosa CR1 eruginosa AZPAE15042 uginosa PA7 nas aeruginosa CMC-115	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudom	onas aeruginosa AR_0446 nonas aeruginosa PA-VAP-4	+627 +627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +1234 +1233 +628 +1233 +628	+827 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon	nonas aeruginosa LICME WG nonas aeruginosa IOMTU 13 nonas aeruginosa AR_0095 nonas aeruginosa M1608 nonas aeruginosa M37351	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa L10 nonas aeruginosa nan nonas aeruginosa UCBPP-PA nonas aeruginosa UCBPP-PA	+627 +627 114 +627 114 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon	nonas aeruginosa PA-VAP-3 nonas aeruginosa H26023 nonas aeruginosa JNQH-PAS nonas aeruginosa PA_D1	+627 +627 +627 +627 +627	+1233 +1234 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa PA_D21 nonas aeruginosa PA_D5 nonas aeruginosa PA_D22 nonas aeruginosa PA_D16 nonas aeruginosa PA_D16 nonas aeruginosa H25883	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon	nonas aeruginosa PA34 nonas aeruginosa 60503 nonas aeruginosa ST773 nonas aeruginosa PSE6684 nonas aeruginosa NCTC137	+627 +627 +627	+1233 +628 +1233 +628 +1233 +1228 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor	nonas aeruginosa NCTC137: nonas aeruginosa NCGM198 nonas aeruginosa NCGM190 nonas aeruginosa E613095: nonas aeruginosa PB350	34 +623 00 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor	nonas aeruginosa PB350 nonas aeruginosa PA19-304 nonas aeruginosa PDAARGG nonas aeruginosa FDAARGG nonas aeruginosa AR_0354	+623 17 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor	monas aeruginosa FDAARGO nonas aeruginosa B-I-1 nonas aeruginosa AR_0357 nonas aeruginosa MRSN122 nonas aeruginosa 268	05 501	+1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	nonas aeruginosa NCGM2.5 nonas aeruginosa SE5331 nonas aeruginosa SE5352	-1 +623 +623 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Depudor	nonas aeruginosa 1903031 nonas aeruginosa GIMC500 nonas aeruginosa GIMC500 nonas aeruginosa CCUG 51 nonas aeruginosa SE5458	1-DAT-23	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
Ц	Pseudor Pseudor Pseudor	nonas aeruginosa SE5458 nonas aeruginosa SE5429 nonas aeruginosa 24Pae11: nonas aeruginosa Pa124 nonas aeruginosa Pa127	+627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor	monas aeruginosa nan monas aeruginosa nan monas aeruginosa PcyII-40 nonas aeruginosa nan	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa PASGNDM nonas aeruginosa PASGNDM nonas aeruginosa Pa58 nonas aeruginosa AR_0353	1345 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon	nonas aeruginosa Ocean-11 nonas aeruginosa Ocean-11 nonas aeruginosa C79 nonas aeruginosa DN1 nonas aeruginosa PPF-1	55 +627 75 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +1234	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 -16	3
	Pseudon Pseudon Pseudon	nonas aeruginosa PPF-1 nonas aeruginosa PABL048 nonas aeruginosa PABCH46 nonas aeruginosa PABCH46 nonas aeruginosa S04 90	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234	
	Pseudon Pseudon Pseudon	nonas aeruginosa NCGM257 nonas aeruginosa nan nonas aeruginosa AR_0440 nonas aeruginosa BA7823	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +2715 +627 +1233 +2715	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa AR_0443 nonas aeruginosa SP4528 nonas aeruginosa GIMC503 nonas aeruginosa SP4371	+627 +627 4:PA52Ts32 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa B17932 nonas aeruginosa SP4527 nonas aeruginosa B17932 nonas aeruginosa GIMC501	+627 +627 +627 5:PA1840 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa PB369 nonas aeruginosa PB368 nonas aeruginosa DVT413 nonas aeruginosa T2436	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudom Pseudom Pseudom Pseudom	ionas aeruginosa BAMCPA0: ionas aeruginosa K19PSE24 ionas aeruginosa KC-Tt-1 ionas aeruginosa JB2	7-48 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudom Pseudom Pseudom	onas aeruginosa MTB-1 onas aeruginosa PA-VAP-1 onas aeruginosa B136-33 ionas aeruginosa VRFPA04	+627 +627	+1233 +1234 +1233 +628	+627 +1233 +1234 +1232 +1233 +1233	+1234
Ц	Pseudor Pseudor Pseudor	monas aeruginosa 12939 monas aeruginosa TJ2014-0 monas aeruginosa PAECH10 monas aeruginosa PAECH10	+621 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudomo Pseudomor	ionas aeruginosa LYSZa7 onas aeruginosa LW nas aeruginosa PA_154197 onas aeruginosa IMP-13 nonas aeruginosa SCAID W	+627 +627 +627 +627 ND1-2019 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +1234	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +1233 +1234	
L	Pseudon Pseudon Pseudon	nonas aeruginosa SCAID W nonas aeruginosa SCAID Ph nonas aeruginosa HOU1 monas aeruginosa H47921 nonas aeruginosa DVT410	IRX1-2019 +627 +627 +627	+1233 +1234 +1233 +628 +1233 +1228 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa AR_0360 nonas aeruginosa DVT419 nonas aeruginosa AR444 nonas aeruginosa AR_0110	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +1234 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 -15 +627 +1233 +1234	<b>(1</b>
	Pseudon Pseudon Pseudon	nonas aeruginosa AR_0111 nonas aeruginosa AR_0230 nonas aeruginosa PA83 nonas aeruginosa CDN118	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudor Pseudor	nonas aeruginosa K34-7 nonas aeruginosa CDN129 nonas aeruginosa AR_460 nonas aeruginosa PA1RG	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	nonas aeruginosa PA1 nonas aeruginosa PA1R nonas aeruginosa MS14403 nonas aeruginosa CCBH485	+627 +627 +627 11 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1238 +1238 +1234 +1238 +1234 +1238 +1234 +1238 +1234 +	
	Pseudor Pseudor Pseudor	nonas aeruginosa PA1088 nonas aeruginosa 213BR nonas aeruginosa PA11803 nonas aeruginosa PA8281 nonas aeruginosa PA7790	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234	
	Pseudor	monas aeruginosa 19BR monas aeruginosa PA298 omonas aeruginosa PA1242 omonas aeruginosa WCHPAI	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudo Pseudo	monas aeruginosa 519119 monas aeruginosa Y71 monas aeruginosa Y89 nonas aeruginosa E80	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa Pa84 nonas aeruginosa Y31 nonas aeruginosa LYT4 nonas aeruginosa N17-1	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa C-I-1 monas aeruginosa PRD-10 monas aeruginosa FDAARGO nonas aeruginosa TJ2019-0	22 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
		nonas aeruginosa NCTC103 nonas aeruginosa DSM 500 nonas aeruginosa A17CT nonas aeruginosa ATCC 156 nonas aeruginosa GIMC501		+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon	nonas aeruginosa PDAARGU nonas aeruginosa P16PBS nonas aeruginosa MPAO1	5:PAKB6 +627 IS_767 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon	nonas aeruginosa PAO1PBS nonas aeruginosa P4CT nonas aeruginosa UAB2PBS nonas aeruginosa LIUYANG- nonas aeruginosa PA0750	+627 +627 •C +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon	nonas aeruginosa PA0750 nonas aeruginosa PA01 nonas aeruginosa PA01 nonas aeruginosa PA01-VE; nonas aeruginosa PA01161	+623	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon	nonas aeruginosa PAO581 nonas aeruginosa PAO1_Ors nonas aeruginosa LIUYANG-	+627 +627 say +627 E +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1238 +1234 +627 +1238 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	nonas aeruginosa LIUYANG- nonas aeruginosa W16407 nonas aeruginosa PAC1 nonas aeruginosa SE5357 lomonas aeruginosa FDAARI	+623 +623 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudom Pseudom	nonas aeruginosa LV onas aeruginosa AR442 onas aeruginosa DHS01 DH onas aeruginosa CCUG 707	+623 +623 101 +623	+1233 +1856 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudo Pseudo Pseudo	nonas aeruginosa 1811-13R monas aeruginosa Carb01 6 monas aeruginosa RIVM-EM monas aeruginosa AG1	.031 +623 i3 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudo Pseudo	monas aeruginosa Y82 monas aeruginosa A-I-1 monas aeruginosa AR445 monas aeruginosa nan monas aeruginosa FRD1	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +1234	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1816	
	Pseudor Pseudor Pseudor	monas aeruginosa FRD1 monas aeruginosa F30658 monas aeruginosa DL20133 monas aeruginosa F5677 monas aeruginosa nan	+627 +627 0 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +1234	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudo Pseudo Pseudo	monas aeruginosa nan monas aeruginosa 97 monas aeruginosa 1334/14 monas aeruginosa SCAID W monas aeruginosa N15-010	+622 +623 +623 *ND2-2019 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +1234 +1235	
	Pseudor Pseudor Pseudor Pseudor	monas aeruginosa 152962 monas aeruginosa YT12746 monas aeruginosa YTSEY8 monas aeruginosa DVT425	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa 12-4-4(5 nonas aeruginosa DVT401 nonas aeruginosa Paer4_11 nonas aeruginosa PA59	+627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	monas aeruginosa C7-25 monas aeruginosa FA-HZ1 monas aeruginosa HS9 nonas aeruginosa KRP1	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor	nonas aeruginosa W45909 monas aeruginosa nan monas aeruginosa DVT729 nonas aeruginosa PABCH05 nonas aeruginosa USDA-AR	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	monas aeruginosa NCTC114 monas aeruginosa PABCH13 monas aeruginosa SE5443 monas aeruginosa PAG5	45 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa NRD619 nonas aeruginosa PARM801 monas aeruginosa PB353 monas aeruginosa PB354	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudon	nonas aeruginosa X78812 monas aeruginosa RD1-3 nonas aeruginosa DVT421 nonas aeruginosa LESB58	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +1234 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudon Pseudon Pseudon	nonas aeruginosa LES400 nonas aeruginosa LESB65 nonas aeruginosa LES431 nonas aeruginosa LESlike1	+623 +623 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234	
	Pseudon Pseudon Pseudon	nonas aeruginosa LESlikeS nonas aeruginosa LESlike7 nonas aeruginosa LESlike4 nonas aeruginosa mPA08-3 nonas aeruginosa AES1M	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +1558 +1233 +828	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa AES1R nonas aeruginosa SE5416 nonas aeruginosa DVT417 nonas aeruginosa DVT414	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudon Pseudor Pseudor Pseudor	nonas aeruginosa DVT779 monas aeruginosa PA3 monas aeruginosa PAK monas aeruginosa PAK	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa ATCC 278 nonas aeruginosa ATCC 278 nonas aeruginosa FDAARGC nonas aeruginosa NCTC129	353 +627 0S_1041 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa Pa1207 nonas aeruginosa PABCH14 nonas aeruginosa S86968 nonas aeruginosa T38079	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	monas aeruginosa F9670 nonas aeruginosa PABCH01 nonas aeruginosa FDAARGO nonas aeruginosa PABCH42 nonas aeruginosa SE5369	+627 +627 OS_505 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	monas aeruginosa AR439 monas aeruginosa FDAARGO monas aeruginosa PAAK095	+627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +1234	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa H27930 nonas aeruginosa PA12161 monas aeruginosa PcyII-29 monas aeruginosa CF39S	+627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa CFSAN08 nonas aeruginosa YD001 nonas aeruginosa JT86 nonas aeruginosa R31	4950 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	monas aeruginosa nan monas aeruginosa nan monas aeruginosa F9676 monas aeruginosa G-I-1	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa TJ2019-0 monas aeruginosa nan nonas aeruginosa nan nonas aeruginosa W60856 nonas aeruginosa E90	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1235 +1234 +627 +1235 +1234 +627 +1235 +1234 +627 +1235 +1234 +627 +1235 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa CMC-097 nonas aeruginosa W36662 nonas aeruginosa H26027 nonas aeruginosa C-NN2 na	+627 +627 +627 in +628	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa DVT423 nonas aeruginosa PACS2 nonas aeruginosa VA-134 nonas aeruginosa P16CT	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor	monas aeruginosa T52373 monas aeruginosa YL84 monas aeruginosa F23197	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa SCAID W monas aeruginosa H5708 monas aeruginosa DVT427 monas aeruginosa PABL017	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudo Pseudor Pseudor	monas aeruginosa B18 monas aeruginosa ACR20 monas aeruginosa ACR22 nonas aeruginosa YB01 nonas aeruginosa INP-43	+62 +623 +623 +623	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa T63266 nonas aeruginosa IMP67 nonas aeruginosa IMP68 nonas aeruginosa PABL012	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa T2101 nonas aeruginosa AA2 nonas aeruginosa PA_1505 nonas aeruginosa M18	77 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa nan nonas aeruginosa nan nonas aeruginosa nan nonas aeruginosa nan	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa nan nonas aeruginosa nan nonas aeruginosa PABCH09 nonas aeruginosa PDNC003	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa LYSZa5 nonas aeruginosa LYSZa2 nonas aeruginosa DVT429 nonas aeruginosa NCTC107	+627 +627 +627 28 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
	Pseudor	nonas aeruginosa SCVFeb nonas aeruginosa NHmuc monas aeruginosa DK2 nonas aeruginosa AR_458 monas aeruginosa PAAK088	+627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628 +1233 +628	+827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234 +827 +1233 +1234	
	Pseudor Pseudor Pseudor Pseudor	nonas aeruginosa A681 nonas aeruginosa DVT412 nonas aeruginosa 8380 nonas aeruginosa SJTD-1	+627 +627 +627 +627	+1233 +628 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234 +1233 +1234	
	Pseudo Pseudor Pseudor	monas aeruginosa PA-VAP-; monas aeruginosa SCV2026 nonas aeruginosa F63912 nonas aeruginosa RP73	2 +627 15 +627 +627 +627	+1233 +1234 +1233 +628 +1233 +628 +1233 +628	+627 +1233 +1234 +627 +1233 +1234 +627 +1233 +1234	
0.0103739						