

Categories	Key Word	Python Regular Expression
Antimicrobial Resistance	aac	aac
Antimicrobial Resistance	aad	aad
Antimicrobial Resistance	aminoglyco*	aminoglyco[^\s]
Antimicrobial Resistance	aph	aph
Antimicrobial Resistance	arr-	arr-
Antimicrobial Resistance	arsa	ars[a-dhr]
Antimicrobial Resistance	arsb	"
Antimicrobial Resistance	arsc	"
Antimicrobial Resistance	arsd	"
Antimicrobial Resistance	arsh	"
Antimicrobial Resistance	arsr	"
Antimicrobial Resistance	arsen*	arsen[^\s]
Antimicrobial Resistance	bleomycin	bleomycin
Antimicrobial Resistance	catr	catr
Antimicrobial Resistance	chloramphenicol	chloramphenicol
Antimicrobial Resistance	cmea	cme[abc]
Antimicrobial Resistance	cmeb	"
Antimicrobial Resistance	cmec	"
Antimicrobial Resistance	copper	copper
Antimicrobial Resistance	dfra	(?:[^\a-z] ^)\dfra(?:\$ [^\a-z])
Antimicrobial Resistance	efflux pump	efflux pump
Antimicrobial Resistance	flor	flor
Antimicrobial Resistance	fluoroquino*	fluoroquino[^\s]
Antimicrobial Resistance	folp	(?:[^\a-z] ^)\folp(?:\$ [^\a-z])
Antimicrobial Resistance	macrolide	macrolide
Antimicrobial Resistance	mercur*	mercur[^\s]
Antimicrobial Resistance	mph	mph
Antimicrobial Resistance	multidrug	multidrug
Antimicrobial Resistance	ncra	(?:[^\a-z] ^)\ncr[a-c,y](?:\$ [^\a-z])
Antimicrobial Resistance	ncrb	"
Antimicrobial Resistance	ncrc	"
Antimicrobial Resistance	ncry	"
Antimicrobial Resistance	nickel resistant	(?:sulfonamide trimethoprim nickel)[-]resistant
Antimicrobial Resistance	nirb	(?:[^\a-z] ^)\nirb(?:\$ [^\a-z])
Antimicrobial Resistance	sulfonamide resistant	"
Antimicrobial Resistance	trimethoprim resistant	"
Antimicrobial Resistance	pcoa	pco[a-ers]
Antimicrobial Resistance	pcob	"
Antimicrobial Resistance	pcoc	"
Antimicrobial Resistance	pcod	"
Antimicrobial Resistance	pcoe	"
Antimicrobial Resistance	pcor	"
Antimicrobial Resistance	pcos	"
Antimicrobial Resistance	qace	qace
Antimicrobial Resistance	resistance	resistance
Antimicrobial Resistance	rifampin	rifamp(?:in icin)
Antimicrobial Resistance	сила	sil[abcefrps]
Antimicrobial Resistance	silb	"
Antimicrobial Resistance	silc	"
Antimicrobial Resistance	sile	"
Antimicrobial Resistance	silf	"
Antimicrobial Resistance	silp	"
Antimicrobial Resistance	silr	"
Antimicrobial Resistance	sils	"
Antimicrobial Resistance	silver	silver
Antimicrobial Resistance	streptomycin	streptomycin
Antimicrobial Resistance	sul	(?:[^\a-z] ^)\sul[12](?:\$ [^\a-z])
Antimicrobial Resistance	teller*	teller[^\s]
Antimicrobial Resistance	tera	ter[abcfw-z](?:\$ [^\a-z])
Antimicrobial Resistance	terb	"
Antimicrobial Resistance	terc	"
Antimicrobial Resistance	terf	"
Antimicrobial Resistance	terw	"
Antimicrobial Resistance	terx	"
Antimicrobial Resistance	tery	"
Antimicrobial Resistance	terz	"
Antimicrobial Resistance	tetr	tetr(?:\$ [^\a] [^\a])acycline
Antimicrobial Resistance,Beta-lactamase	ampr	(?:^\ [^\p])ampr
Antimicrobial Resistance,Beta-lactamase	beta lactam *	beta[-]lactam[^\s]
Antimicrobial Resistance,Beta-lactamase	beta-lactam *	"
Antimicrobial Resistance,Beta-lactamase	bla	(?:^\ [^\p])bla
Antimicrobial Resistance,Beta-lactamase	cephalosporin*	cephalosporin[^\s]
Antimicrobial Resistance,Beta-lactamase	cmv	(?:^\ [^\p])cmv
Antimicrobial Resistance,Beta-lactamase	ctx	(?:^\ [^\p])ctx
Antimicrobial Resistance,Beta-lactamase	dha-	(?:^\ [^\p])dha-
Antimicrobial Resistance,Beta-lactamase	oxa-	(?:^\ [^\p])oxa-
Antimicrobial Resistance,Beta-lactamase	oxacillin*	oxacillin[^\s]
Antimicrobial Resistance,Beta-lactamase	penicillin*	penicillin[^\s]
Antimicrobial Resistance,Beta-lactamase	sfo	(?:^\ [^\p])sfo
Antimicrobial Resistance,Beta-lactamase	shv	(?:^\ [^\p])shv
Antimicrobial Resistance,Beta-lactamase	tem-	(?:^\ [^\p])tem-
Antimicrobial Resistance,Beta-lactamase,Beta-lactamase Special	carbapenem*	carbapenem[^\s]
Antimicrobial Resistance,Beta-lactamase,Beta-lactamase Special	imp not (impa or impb or impc)	(?:^\ [^\b-z])imp(?:\$ [^\abc])
Antimicrobial Resistance,Beta-lactamase,Beta-lactamase Special	kpc	(?:^\ [^\b-z])kpc
Antimicrobial Resistance,Beta-lactamase,Beta-lactamase Special	ndm	(?:^\ [^\b-z])ndm

Antimicrobial Resistance,Beta-lactamase,Beta-lactamase Special	vim	(?:^[^b-z])vim
Plasmid Transfer	conjuga*	conjuga[^\s]
Plasmid Transfer	fertility inhibition	fertility inhibition
Plasmid Transfer	fino	fino
Plasmid Transfer	icm*	icm[^\s]
Plasmid Transfer	moba	mob[a-e]
Plasmid Transfer	mobb	"
Plasmid Transfer	mobc	"
Plasmid Transfer	mobd	"
Plasmid Transfer	mobe	"
Plasmid Transfer	pili*	pili[^\s]
Plasmid Transfer	pilus	pilus
Plasmid Transfer	pilx	pilx
Plasmid Transfer	secretion system	secretion system
Plasmid Transfer	tivb*	tivb[^\s]
Plasmid Transfer	traa	tra[a-rtuwxy](?:\$ ^[a-z])
Plasmid Transfer	trab	"
Plasmid Transfer	trac	"
Plasmid Transfer	trad	"
Plasmid Transfer	trae	"
Plasmid Transfer	traf	"
Plasmid Transfer	trag	"
Plasmid Transfer	trah	"
Plasmid Transfer	trai	"
Plasmid Transfer	traj	"
Plasmid Transfer	trak	"
Plasmid Transfer	tral	"
Plasmid Transfer	tram	"
Plasmid Transfer	tran	"
Plasmid Transfer	trao	"
Plasmid Transfer	trap	"
Plasmid Transfer	traq	"
Plasmid Transfer	trar	"
Plasmid Transfer	trat	"
Plasmid Transfer	trau	"
Plasmid Transfer	traw	"
Plasmid Transfer	trax	"
Plasmid Transfer	tray	"
Plasmid Transfer	trba	trb[a-gilm]
Plasmid Transfer	trbb	"
Plasmid Transfer	trbc	"
Plasmid Transfer	trbe	"
Plasmid Transfer	trbf	"
Plasmid Transfer	trbg	"
Plasmid Transfer	trbi	"
Plasmid Transfer	trbl	"
Plasmid Transfer	trbm	"
Plasmid Transfer	type iv	type[-]iv
Plasmid Transfer	type-iv	"
Plasmid Transfer	vir* not virulence	vir[^\ugo\s]
Toxin/Antitoxin System	abrb	abrb
Toxin/Antitoxin System	cbta	cbta
Toxin/Antitoxin System	ccda	ccd[ab]
Toxin/Antitoxin System	ccdb	"
Toxin/Antitoxin System	hica	hica
Toxin/Antitoxin System	higa	hig[ab]
Toxin/Antitoxin System	higb	"
Toxin/Antitoxin System	hokg	hokg
Toxin/Antitoxin System	pard	par[de]
Toxin/Antitoxin System	pare	"
Toxin/Antitoxin System	pemi	pem[ik]
Toxin/Antitoxin System	pemk	"
Toxin/Antitoxin System	relb	rel[be]
Toxin/Antitoxin System	rele	"
Toxin/Antitoxin System	stbd	stb[de]
Toxin/Antitoxin System	stbe	"
Toxin/Antitoxin System	toxi*	(?:^[^a-z] anti)toxi[^\s]
Toxin/Antitoxin System	yafo	yafo
DNA Maintenance/Modification	chromosome	chromosome
DNA Maintenance/Modification	dna	dna
DNA Maintenance/Modification	eex	eex
DNA Maintenance/Modification	entry exclusion	entry exclusion
DNA Maintenance/Modification	exca	exca
DNA Maintenance/Modification	helicase	helicase
DNA Maintenance/Modification	integrase	integrase
DNA Maintenance/Modification	kfra	kfra
DNA Maintenance/Modification	kora	kor[ab]
DNA Maintenance/Modification	korb	"
DNA Maintenance/Modification	methylase	methylase
DNA Maintenance/Modification	nucleoti*	nucleoti[^\s]
DNA Maintenance/Modification	para	par[ab]
DNA Maintenance/Modification	parb	"
DNA Maintenance/Modification	plasmid	plasmid
DNA Maintenance/Modification	recombinase (not serine recombinase or tyrosine recombinase)	(?!ser_)ine)recombinase
DNA Maintenance/Modification	relaxase	relaxase
DNA Maintenance/Modification	repa	repa

DNA Maintenance/Modification	replication	replication
DNA Maintenance/Modification	replication protein	replication protein
DNA Maintenance/Modification	ruma	ruma
DNA Maintenance/Modification	single-strand binding protein	single-strand binding protein
DNA Maintenance/Modification	ssb	ssb
DNA Maintenance/Modification	topb	topb
DNA Maintenance/Modification	topoisomerase	topoisomerase
DNA Maintenance/Modification	trfa	trfa
DNA Maintenance/Modification	uvr*	uvr[^\s]
DNA Maintenance/Modification	vagc	vag[cd]
DNA Maintenance/Modification	vagd	"
DNA Maintenance/Modification,DNA Maintenance/Modification Special	muca	muc[ab]
DNA Maintenance/Modification,DNA Maintenance/Modification Special	mucb	"
DNA Maintenance/Modification,DNA Maintenance/Modification Special	polymerase	polymerase
DNA Maintenance/Modification,DNA Maintenance/Modification Special	umuc	um u[cd]
DNA Maintenance/Modification,DNA Maintenance/Modification Special	umud	"
Mobile Genetic Elements	ista	ist[ab](?.\$)[^\a-z0-9])
Mobile Genetic Elements	istb	"
Mobile Genetic Elements	resolvase	resolvase
Mobile Genetic Elements	reverse transcriptase	reverse transcriptase
Mobile Genetic Elements	tnp	tnp
Mobile Genetic Elements	transpos*	transpos[^\s]
Mobile Genetic Elements	urf2	urf2
Hypothetical Genes	domain containing	domain[-]containing
Hypothetical Genes	domain-containing	"
Hypothetical Genes	hypothetical	hypothetical
Hypothetical Genes	uncharacterized protein	uncharacterized protein
Hypothetical Genes	unknown function	unknown function
Ignored	disrupted	disrupted
Ignored	imperfect	imperfect
Ignored	interrupted	interrupted
Ignored	intron	intron
Ignored	is(?:[a-z]{2}) [0-9]{2,4}	is(?:[a-z]{2}) [0-9]{2,4}
Ignored	kl.pn.i3	kl\.pn\.i3
Ignored	morpho	morpho
Ignored	ncrna	ncrna
Ignored	non functional	non[-]?functional
Ignored	non-functional	"
Ignored	partial	partial
Ignored	patho	patho
Ignored	repeat region	repeat region
Ignored	se.ma.*	se\.ma\.[^\s]
Ignored	truncated	truncated