vgb(B) - vgb(A) - vgb(A) - vgb(A) - vga - vatl - vat(H) - vat(F) - vat(E) - vat(D) - vat(C) - vat(A) - vat(C) - vat(A) - vanZ-F - vanZ-F - vanZ-A - vanY-N - vanY-D - vanY - vanS-B - vanS-B - vanS-B - vanR-A - vanR - van sul3 -sul2 -sul1 -sta -sat4 -sat3 -sat2 -sal -rph -rox -rmt rgt qnrVC qnrS qnrE qnrD qnrC qnrB qnrA qepA pexA otr(B) otr(A) oqxB oqxA optrA norM nimIJ nim myrA mupB mupA msr(A) mphL -mph(F) mph(C) -mph(B) -mph(A) -mph -mgt -mexE mexA mepA -mef(En2) -mef(C) -mef(B) log1p(norm\_TPM) mef(A) mecD mecC mecB mecA2 -12.5 mecA1 mcr-9 mcr-8 -AMINOGLYCOSIDE MUPIROCIN mcr-7 mcr-5 **-**AVILAMYCIN NITROIMIDAZOLE mcr-4 -BETA-LACTAM PHENICOL mcr-3 -PHENICOL/OXAZOLIDINONE mcr-2 -BLEOMYCIN mcr-10 -COLISTIN PHENICOL/QUINOLONE EFFLUX QUINOLONE lnu(H) -Inu(E) -Inu(D) -FUSIDIC ACID STREPTOGRAMIN GLYCOPEPTIDE STREPTOTHRICIN Inu(B) -LINCOSAMIDE Inu(AN2) -SULFONAMIDE Inu(A) -TETRACENOMYCIN LINCOSAMIDE/MACROLIDE helR -LINCOSAMIDE/MACROLIDE/STREPTOGRAMIN TETRACYCLINE gar -fusH -THIOSTREPTON LINCOSAMIDE/PLEUROMUTILIN/STREPTOGRAMIN fusF -LINCOSAMIDE/STREPTOGRAMIN TRIMETHOPRIM fusD -TUBERACTINOMYCIN MACROLIDE fusC fosXCC -MACROLIDE/STREPTOGRAMIN fosX -fosK -fosC -fosB -fosA -fos -floR -fexB fexA estT estDL136 erm(55) erm(46) erm(38) erm(37) erm(32) erm ere(B) ere(A) emt -dfrL -dfrI -dfrG -dfrF dfrE dfrA36 dfrA3 dfrA26 dfrA20 dfrA18 dfrA -dfr cpt cplR cph cmx cmlA cml chrB cfr -cfiA -catB -catA car(A) -blmB bleO ble blaZ blaYRC blaSRTblaSFDC blaRHO blaR1· blaPSZ · blaPJM blaPDC blaPAD blaPAC -blaOXA -blaOCH blaMAB blaLHK -blaLAQ blaL1 blal blaGMB blaDHA blaCTX-M blaCSA blaCMA blaCARB -blaCAR -blaBUT blaACT -bla2a bla -arr apmA aph(9)-lb aph(9)-la aph(7")-la -aph(6)-l aph(4)-la aph(3')-V aph(3')-II aph(3')-I aph(3') · aph(2")-IIIa aph(2") ant(9) ant(6) -ampC -adeC abc-f aadS aacA48 aacA10 aac(6')-Im aac(6')-II aac(6')-III aac(6')-IIc aac(6')–le aac(6')-lb aac(6')-lan aac(6')-lak aac(6')-I aac(6') · aac(3)-XIaac(3)-VIII aac(3)-IV aac(3)-I aac(3) aac(2')-IIb -aac(2')-IIa -aac(2')-Ie -aac(2')-Ic -

pat Mimon Stranger Phyllosto