Supplementary materials for the article:

Chen Q. et al. Characterization of Two Macrolide Resistance-Related Genes in Multidrug-Resistant *Pseudomonas aeruginosa* Isolates
Pol J Microbiol. 2020, Vol. 69, No 3, 349–356.

### Table S1
Macrolide resistance gene sequences collected from CARD.

| Gene | GI     | Length | Gene | GI     | Length | Gene | GI     | Length |
|------|--------|--------|------|--------|--------|------|--------|--------|
| erm(A)1 | X03216 | 732    | erm(T)3 | AF310974 | 735    | vga(B)1 | U82085 | 1659   |
| erm(A)2 | AF002716 | 732   | erm(T)4 | AJ488494 | 738    | ere(A)2 | AF099140 | 1227  |
| erm(A)3 | EU348758 | 594   | erm(V)1 | U59450 | 1300    | ere(A)3 | AF326209 | 1227  |
| erm(B)1 | JN899585 | 738   | erm(X)1 | M36726 | 855    | ere(A)4 | AF512546 | 1227  |
| erm(B)2 | K00551 | 738    | erm(X)2 | X51472 | 762    | ere(B)2 | X03988 | 1260   |
| erm(B)6 | AF242872 | 747   | erm(X)3 | U21300 | 762    | vgb(A)1 | M20129 | 900    |
| erm(B)7 | AF368302 | 711   | erm(X)4 | NC5206 | 855    | vgb(B)1 | AF015628 | 888   |
| erm(B)9 | AF299292 | 738   | erm(Y)1 | AB014481 | 735   | lnu(A)1 | AJ238249 | 804   |
| erm(B)10 | U86375 | 738    | erm(Z)1 | AM709783 | 849   | lnu(B)1 | M14039 | 486    |
| erm(B)11 | M19270 | 738   | erm(30)1 | AF079138 | 1011  | lnu(C)1 | M109408 | 495   |
| erm(B)12 | U18931 | 738   | erm(31)1 | AF079138 | 969   | lnu(D)1 | M109408 | 495   |
| erm(B)15 | U48430 | 753   | erm(32)1 | AJ099971 | 843   | lnu(F)1 | EU118119 | 822   |
| erm(B)18 | X66468 | 762   | erm(33)2 | AJ579365 | 732   | lnu(F)2 | DQ836009 | 822   |
| erm(B)20 | AF109075 | 738 | erm(34)1 | AY234334 | 846   | lnu(F)3 | AJ561197 | 822   |
| erm(B)21 | U35228 | 738   | erm(35)1 | AF319779 | 801   | vat(A)1 | L07778 | 660    |
| erm(C)1 | V01278 | 735   | erm(36)1 | AF462611 | 846   | vat(B)1 | U19459 | 639    |
| erm(C)2 | M19652 | 735   | erm(38)1 | AY154657 | 1161  | vat(C)1 | AF015628 | 639   |
| erm(C)3 | M17990 | 735   | erm(39)1 | AY487229 | 741   | vat(D)1 | L12033 | 630    |
| erm(C)9 | Y09001 | 735   | erm(40)1 | AY570506 | 756   | vat(E)3 | AF153312 | 645   |
| erm(C)10 | Y09002 | 735   | erm(41)1 | EU177504 | 417   | vat(E)5 | AJ488494 | 645   |
| erm(C)12 | Y09003 | 735   | erm(42)1 | FR734406 | 906   | vat(E)7 | NY043211 | 645   |
| erm(C)13 | M13761 | 735   | erm(43)2 | AB601890 | 912   | vat(E)8 | NY043209 | 645   |
| erm(C)14 | M12730 | 735   | mef(A)3 | AF227521 | 1218  | vat(E)9 | NY043210 | 645   |
| erm(C)15 | U82607 | 735   | mef(A)10 | AF376746 | 1218  | vat(E)10 | NY043212 | 645   |
| erm(C)16 | AF019140 | 735 | mef(B)1 | FJ196385 | 1230  | vat(E)11 | NY043213 | 645   |
| erm(D)1 | M29832 | 864   | msr(A)1 | X52085 | 1467  | vat(F)1 | AF170730 | 666   |
| erm(D)2 | L08389 | 864   | msr(A)2 | AB013298 | 1467  | mph(A)1 | D16251 | 906    |
| erm(D)3 | M77505 | 864 | msr(A)3 | M81802 | 531 | mph(A)2 | U36578 | 921 |
| erm(E)1 | X51891 | 1146 | msr(C)1 | AY004350 | 1479 | mph(B)1 | D85892 | 909 |
| erm(E)2 | M11200 | 1113 | msr(C)2 | AF313494 | 1479 | mph(C)1 | AB013298 | 900 |
| erm(F)2 | M17124 | 801 | msr(D)2 | AF274302 | 1464 | mph(C)2 | AF167161 | 900 |
| erm(F)3 | M17808 | 801 | msr(D)3 | AF227520 | 1464 | mph(D)1 | AB048591 | 840 |
| erm(F)4 | M62487 | 801 | msr(E)4 | EU294228 | 1476 | mph(E)3 | EU294228 | 885 |
| erm(G)1 | M15332 | 735 | car(A)1 | M80346 | 1656 | vga(C)1 | GQ205627 | 1578 |
| erm(G)2 | L42817 | 735 | lmr(A)1 | X59926 | 1446 | vga(C)2 | NC13034 | 1569 |
| erm(H)1 | M16503 | 900 | ole(B)1 | L36601 | 1710 | vga(E)1 | FR772051 | 1575 |
| erm(N)1 | X97721 | 876 | ole(C)1 | L06249 | 978 | lsa(A)1 | AY225127 | 1497 |
| erm(O)1 | M74717 | 783 | smr(B)1 | X63451 | 1653 | lsa(A)2 | AY58982 | 1497 |
| erm(O)2 | AJ223970 | 780 | tlr(C)1 | M57437 | 1647 | lsa(A)3 | AY737526 | 1497 |
| erm(Q)1 | L22689 | 774 | lsa(B)1 | AJ579365 | 1479 | erm(W)1 | D14532 | 936 |
| erm(R)2 | AY623658 | 1023 | lsa(C)1 | HM990671 | 1479 | cfr1 | AM408573 | 1050 |
| erm(S)1 | M19269 | 960 | vga(A)1 | M90056 | 1569 | cfr2 | AJ879565 | 1050 |
| erm(T)1 | M64090 | 735 | vga(A)2 | FN546261 | 1569 | lmr(B)1 | X62867 | 837 |
| erm(T)2 | AY894138 | 735 | vga(A)LC1 | GQ891882 | 1569 |