**Supplementary data**

**Table S1. Antimicrobial Susceptibility Profiles of *N. gonorrhoeae* Isolates.** This table shows the susceptibility patterns for gonococcal with or without the 11,300 Da peak. The MICs for CRO (ceftriaxone), CFM (cefixime), PEN (penicillin), TET (tetracycline), and CIP (ciprofloxacin) were determined by agar dilution. The AZM (azithromycin) MICs were determined by agar dilution for most of the isolates. Azithromycin Etest was performed on any isolates that displayed an MIC > 16 mg/L by agar dilution. NT means not tested.

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| **Antimicrobial Susceptibility Profiles of *N. gonorrhoeae* Isolates** |
|  | **CRO** | **CFM** | **PEN** | **TET** | **CIP** | **AZM** |
| **MIC (mg/L)** | **Peak** | **No Peak** | **Peak** | **No Peak** | **Peak** | **No Peak** | **Peak** | **No Peak** | **Peak** | **No Peak** | **Peak** | **No Peak** |
| **0.001** | 0 | 5 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| **0.002** | 0 | 13 | 0 | 2 | NT | NT | NT | NT | 0 | 2 | NT | NT |
| **0.004** | 0 | 22 | 2 | 21 | NT | NT | NT | NT | 15 | 59 | NT | NT |
| **0.008** | 24 | 55 | 16 | 59 | 0 | 1 | NT | NT | 12 | 24 | 0 | 1 |
| **0.016** | 56 | 66 | 51 | 63 | 0 | 3 | NT | NT | 48 | 38 | 0 | 2 |
| **0.032** | 47 | 33 | 51 | 49 | 0 | 3 | NT | NT | 44 | 1 | 0 | 6 |
| **0.064** | 7 | 26 | 15 | 32 | 0 | 12 | NT | NT | 1 | 0 | 0 | 21 |
| **0.125** | 1 | 21 | 0 | 13 | 24 | 51 | 0 | 6 | 0 | 0 | 0 | 39 |
| **0.25** | 0 | 14 | 0 | 17 | 46 | 29 | 0 | 25 | 2 | 0 | 2 | 52 |
| **0.5** | 0 | 1 | 0 | 0 | 62 | 80 | 2 | 33 | 0 | 1 | 5 | 50 |
| **1** | 0 | 0 | 0 | 0 | 3 | 40 | 46 | 92 | 0 | 6 | 21 | 27 |
| **2** | NT | NT | NT | NT | 0 | 19 | 78 | 51 | 0 | 11 | 75 | 2 |
| **4** | NT | NT | NT | NT | 0 | 9 | 9 | 20 | 1 | 36 | 9 | 10 |
| **8** | NT | NT | NT | NT | 0 | 1 | 0 | 0 | 7 | 25 | 3 | 11 |
| **16** | NT | NT | NT | NT | 0 | 2 | 0 | 14 | 5 | 49 | 12 | 32 |
| **32** | NT | NT | NT | NT | 0 | 6 | 0 | 13 | 0 | 4 | 3 | 0 |
| **64** | NT | NT | NT | NT | NT | NT | 0 | 2 | 0 | 0 | 1 | 0 |
| **>256** | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 5 | 3 |
| **Total** | **135** | **256** | **135** | **256** | **135** | **256** | **135** | **256** | **135** | **256** | **136** | **256** |