**Supporting Information Jain *et al.***

**Figure S4**

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**Figure S4. Immunoblots on Neisseria membranes with PilE and PilQ antibody.** (A) Western blot using a monoclonal antibody raised against *N.meningitidis* PilE-SM1. Lanes show outer membrane enriched samples from *N.gonorrhoeae* MS11 (lane 1), and the *pilQ* (Lane 2), *pilP* (Lane 3) and *pilE* mutants (Lane 4), and *N.meningitidis* strains M986 (lane 5), H44/76 (lane 6) andHB1(lane 7). (B) Western blot using the monoclonal antibody raised against *N.meningitidis* PilQ on phenol treated outer membrane enriched samples from *N.gonorrhoeae* MS11 (lane 1), and *pilQ* (Lane 2), *pilP* (Lane 3), and *pilE* (Lane 4) mutants.