**One hypervirulent clone, Sequence Type 283, accounts for a large proportion of invasive *Streptococcus agalactiae* isolated from humans and diseased tilapia in Southeast Asia.**

**Supporting information.**

**S5 Table. Single Nucleotide Polymorphism (SNP) distances between pairs of group B *Streptococcus* clonal complex (CC) 283, from humans and animals.** Examples were selected to show minimum and maximum SNP differences found between pairs within and between countries and hosts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Country** | **Host**  | **Year isolated** | **Difference in years** | **SNPs****Min no.** | **SNPs****Max no.** |
| SingaporeSingapore | HH | 19982014 | 16 | 15 | - |
| SingaporeSingapore | HH | 2012-20152015 | 0-3 | 0 | - |
| SingaporeSingapore | HF | 20152015 | 0 | 0 | - |
| SingaporeSingapore | HF | 20012015 | 14 | 30 | - |
| SingaporeMalaysia | HF | 20032007 | 4 | 5 | - |
| SingaporeMalaysia | HF | 20072007 | 0 | 6 | - |
| SingaporeLao PDR | HH | 20152015 | 0 | 2 | - |
| SingaporeThailand | HF | 20072012-2014 | 5-7 | 13 | - |
| VietnamVietnam | HF | 20152016 | 1 | 23 | - |
| ThailandThailand | FH | 2012-20142015 | 1-3 | 8 | - |
| Thailand Lao PDR | HH | 20072010 | 3 | 2 | - |
| Lao PDRLao PDR | HH | 20072016 | 9 | 2 | - |
| Hong Kong Britain | HH | 20082014 | 6 | 9 | - |
| Hong Kong China | HFr | 19982014 | 16 | 41 |  |
| Hong KongVietnam | HH | 19982016 | 18 | - | 206 |
| VietnamThailand | FH | 20162015 | 1 | - | 183 |
| Lao PDRVietnam | HH | 20002016 | 16 | - | 193 |
| ThailandVietnam | HH | 20152016 | 1 | - | 357 |

Abbreviations: SNP = single nucleotide polymorphism H = human, F = fish, Fr = frog.