**Table S1. Lethality of luciferase-expressing *V.vulnificus* strains to mice.**

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| --- | --- |
| **Strainsa** | **LD50 (CFU)**  |
| HG0905 (*n*=10)  | 3.1 X 105  |
| HG0906 (*n*=10) | 8.0 X 107  |
| HG0907 (*n*=10) | 1.9 X 107  |
| HG0908 (*n*=10) | > 109  |

a n, number of mice for each inoculation group. Inoculations are ranged from 105-109 CFU in 10-fold increments.