**Supplementary Table 7:** Results of snail collection survey and LAMP for *S. japonicum*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Province** | **Village** | **No. Locations** | **No. subsites** | **Environment type** | **Vegetation type** | **No. snails collected** | **Positive snails** | **No. pos humans** | **No. animals** | **No. pos animals** |
| **Jiangxi** | Xinhua | 3 | 5 | Marshland | Grass | 878 | 0 | 3 | - | - |
| Dingshan | 1 | 5 | Marshland | Grass | 453 | 0 | 0 | - | - |
| Caohui | 3 | 5 | Marshland | Grass | 12 | 0 | 3 | - | - |
| Dongfang | 5 | 5 | Marshland | Grass | 366 | 0 | 7 | - | - |
| Huangjia | 3 | 5 | Marshland | Grass | 466 | 0 | 7 | - | - |
| Fuqian | 1 | 15 | Marshland | Grass | 237 | 0 | 4 | - | - |
| Biaoen | 1 | 5 | Marshland | Grass | 0 | 0 | 10 | - | - |
| Huanggin | 5 | 5 | Marshland | Grass | 237 | 0 | 2 | - | - |
| **Total number of snails** | | | | | **2649** |  | 36 | - | - |
| **Hunan** | Longwang | 1 | 15 | Marshland | Grass | 171 | 0 | 34 | 17 | 3 |
| Xiangjiang | 1 | 15 | Marshland | Grass | 318 | 0 | 29 | - | - |
| Zhangshu | 1 | 15 | Marshland | Forest | 320 | 0 | 21 | - | - |
| Changjiang | 1 | 15 | Marshland | Forest | 405 | 0 | 7 | - | - |
| Ganzhou | 1 | 15 | Marshland | Grass | 0 | 0 | 24 | 32 | 1 |
| Xincheng | 1 | 15 | Marshland | Reed | 534 | 0 | 23 | - | - |
| Dongtinghong | 1 | 15 | Marshland | Reed | 897 | 0 | 8 | - | - |
| Xinggang | 1 | 15 | Marshland | Forest | 115 | 0 | 6 | 71 | 18 |
| **Total number of snails** | | | | | **2760** | 0 | 152 | 120\* | 22 |

\*114 subjected to qPCR and ddPCR