

Supplemental Table 4. Titan cell formation

| | | <i>In vitro</i> | | <i>In vivo</i> |
|------------------------|---------|-----------------|------------|----------------|
| | | Protocol-1 | Protocol-2 | |
| High virulence | KN99α | + | + | + |
| | UgCl302 | - | - | + |
| | UgCl387 | - | - | + |
| | UgCl395 | - | - | + |
| | SACl012 | - | - | - |
| Intermediate virulence | UgCl425 | - | - | + |
| | UgCl538 | - | - | + |
| | SACl059 | - | - | + |
| | MbCl006 | - | - | + |
| Low virulence | UgCl223 | - | - | + |
| | UgCl552 | + | - | + |
| | SACl010 | + | - | + |

+: presence of titan cells, -: no titan cell observed