**Prophage insertion site key**
- Within *comYC*
- *purA* - SPN23F00240
- SPN23F00240 - SPN23F00390
- SPN23F15280 - SPN23F15810

**Leaf node label key**
- Intact *comYC* gene
- Disrupted *comYC* gene

**Sequence read mapping key**
- 0
- ≥25

**8.4 base substitutions**