**A**

**S. aureus**

- Normalized intensity [NI]
- Time [h]
- Model fit:
  - Standard logistic: K = 0.172
  - Generalized logistic: K = 0.125
  - Gompertz: K = 0.121
  - r = 0.0158
  - r = 20.000
  - r = 1.2512
  - g* = 0.0308
  - g = 0.000436
  - b = 8.15
  - b = 0.0233
  - b = 1.00
  - sse = 7.1e-04
  - sse = 9.3e-04
  - sse = 1.4e-03

**E. faecium**

- Normalized intensity [NI]
- Time [h]
- Model fit:
  - Standard logistic: K = 0.037
  - Generalized logistic: K = 0.036
  - Gompertz: K = 0.037
  - r = 0.00685
  - r = 0.00685
  - r = 0.00685
  - g* = 0.0109
  - g = 0.000679
  - g = 0.000555
  - b = 10.6
  - b = 0.460
  - b = 0.460
  - sse = 4.3e-05
  - sse = 1.0e-04
  - sse = 3.9e-05

**B**

**S. aureus**

- Strain: CI, Cowan, JE2
- Sum of squared error

**E. faecium**

- Strain: St172, St172b
- Sum of squared error