

Results from pNP substrate diversity screening round 1

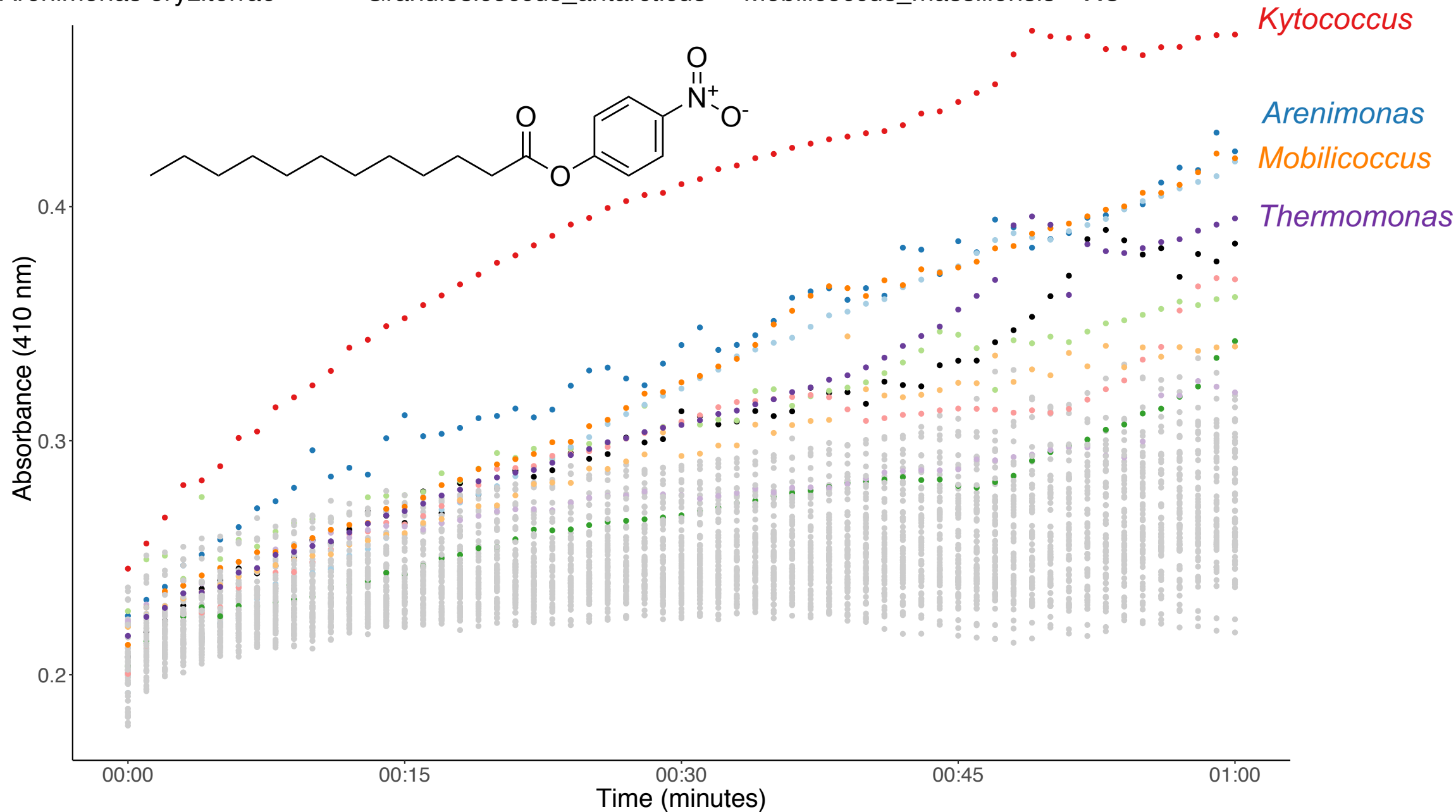
Wackett lab meeting

Monday, October 21, 2019

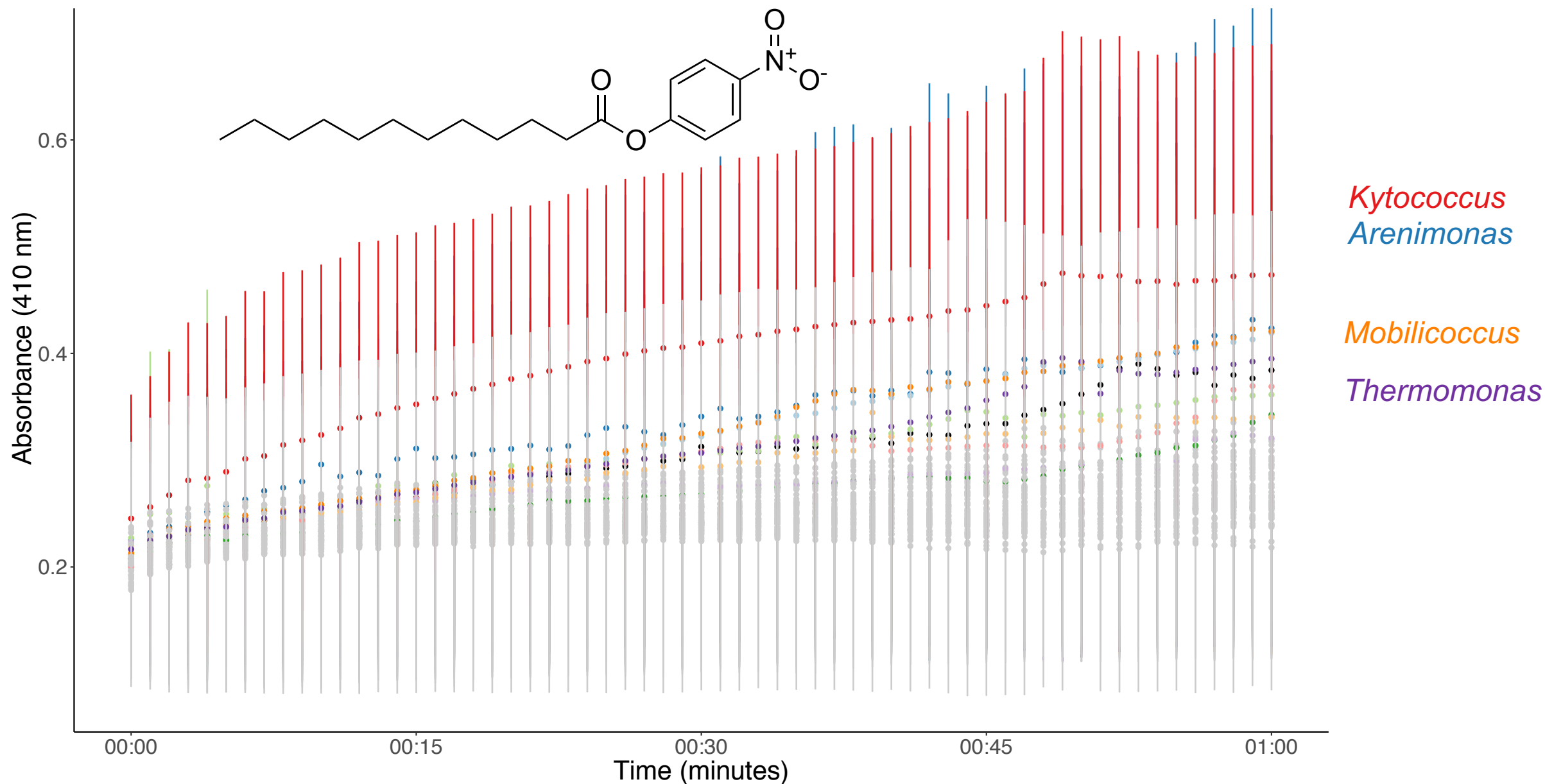
Disclaimers

- Rapidly analyzed results out of curiosity (not final results)
- DID NOT yet normalize based on pNP curve between plate readers (some variability)
- DID NOT normalize based on PET28 control (these are raw, unaltered data)
- Kelly & Megan were super efficient and worked really hard - it paid off and they are amazing 😊

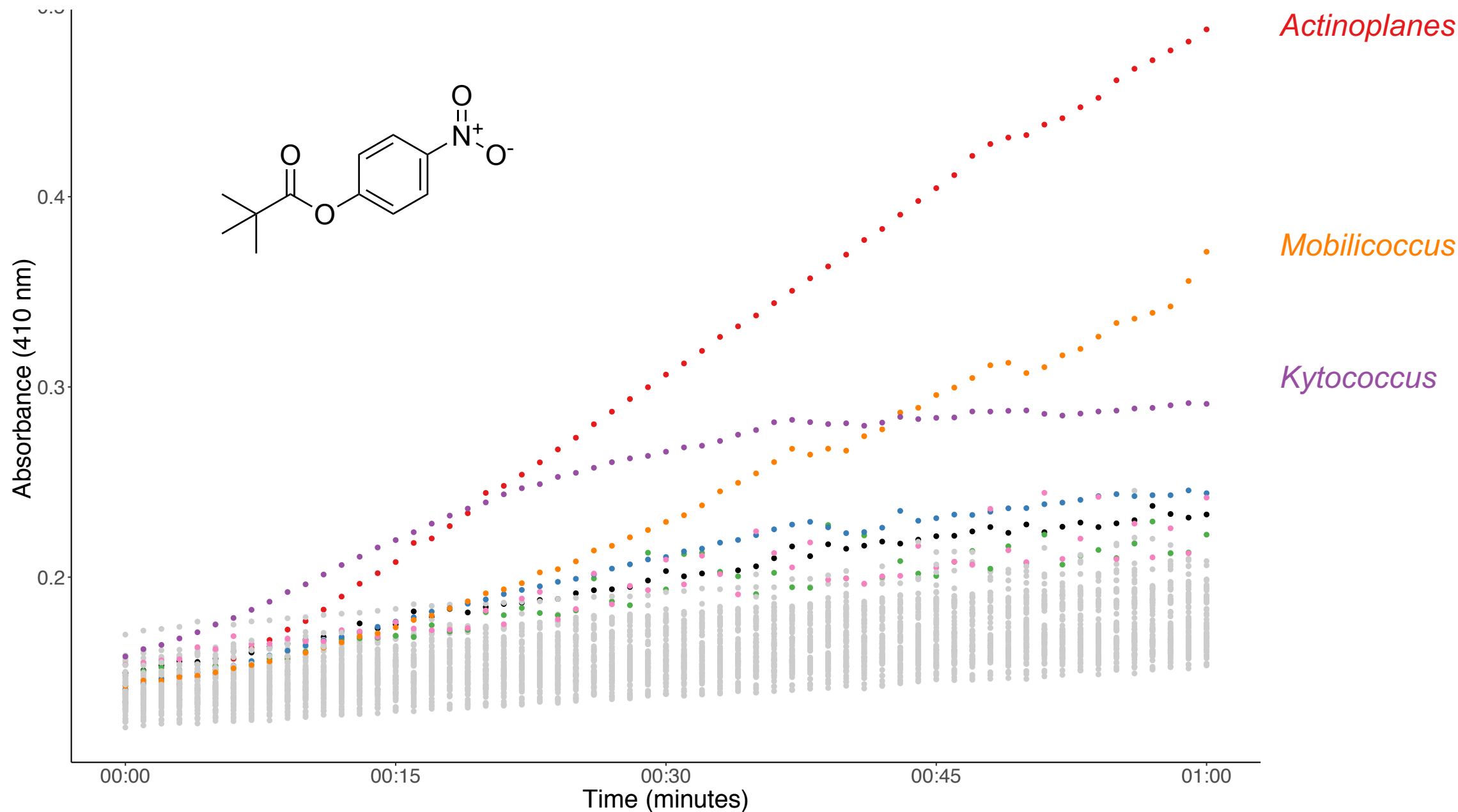
- inactive
- Actinoplanes_atraurantiacus
- Arenimonas_oryziterrae
- Chromatococcus_halotolerans
- Dermabacter_hominis
- Granulosicoccus_antarcticus
- Kytococcus_sedentarius
- Micromonospora_peucetia
- Mobilicoccus_massiliensis
- Silanimonas_lenta
- Thermomonas_haemolytica
- XC



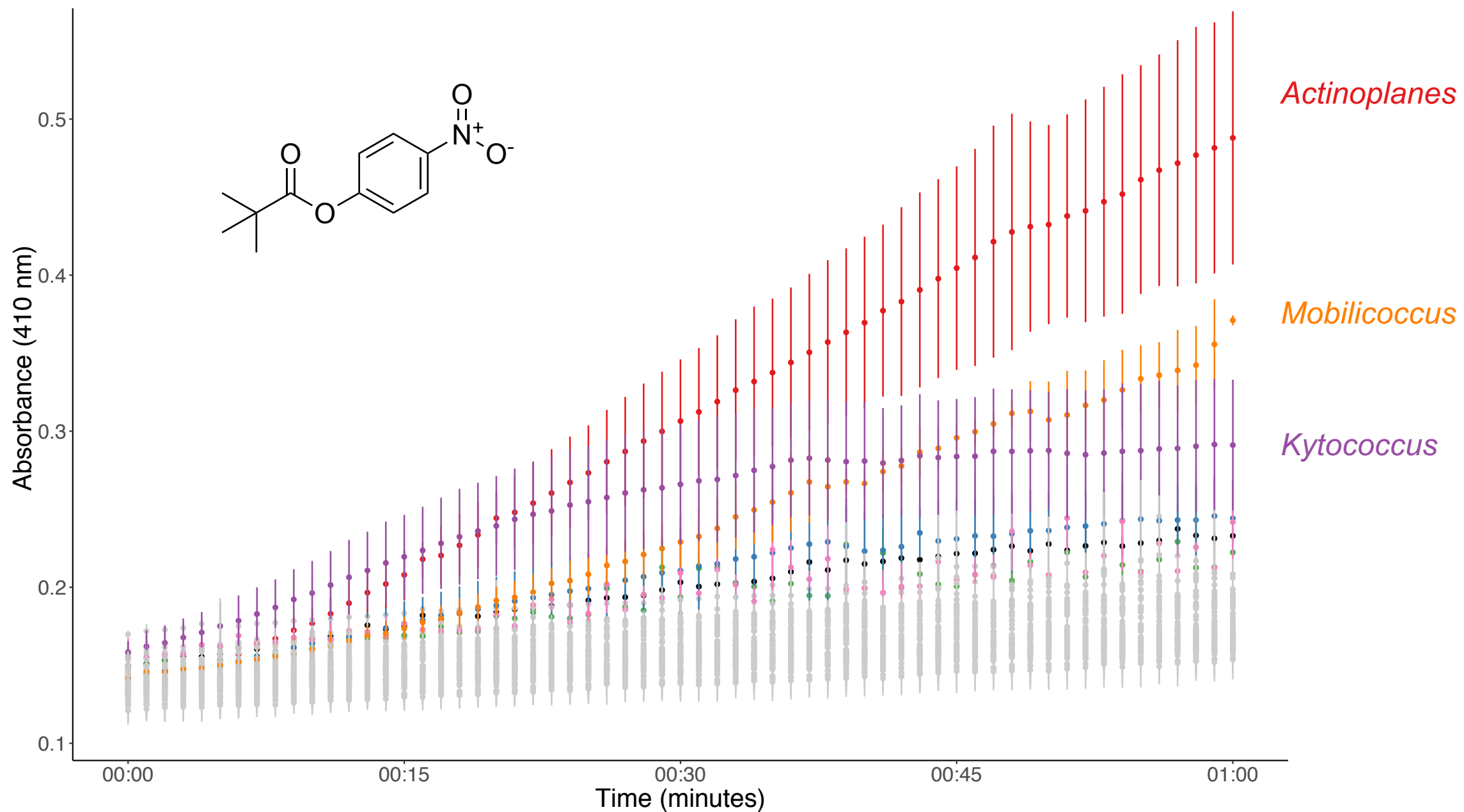
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- Kytococcus_sedentarius
- Rothia_mucilaginoso
- Actinoplanes_atraurantiacus
- Kocuria_varians
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- Nothing appeared to work with the pNP benzoate substrate
- Only one replicate shown
- Surprisingly pNP controls also didn't seem to work?

• inactive • 10 uL pNP • 4 uL pNP • 8 uL pNP • Pet28
 • 0 uL pNP • 2 uL pNP • 6 uL pNP • Kocuria varians • XC

