|  |  |
| --- | --- |
|  | Table xxxx – Estimated growth parameters by modified Gompertz model. |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Strains | OD**max** | µ**m**  (x10**-1** h**-1**) | λ  (x10**-1** h) | R**2** | | WT | 4.5 ± 0.1 | 5.0 ± 0.4 | 82 ± 3 | 0.990 | | 7R(183Δfas1+ pTA1\_FASIIb) | 8 ± 1 | 2.45 ± 0.08 | 163 ± 5 | 0.998 | | 7R(183Δfas2+ pTA1\_FASIIb) | 3.9 ± 0.2 | 1.70 ± 0.04 | 138 ± 2 | 0.998 | | 7R(183Δfas2+ pTA1\_FASIIb + pYPK0\_AthMOD1) | 8 ± 2 | 3.4 ± 0.2 | 185 ± 10 | 0.991 | | 7R(183Δfas2+ pTA1\_FASIIb + pYPK0\_EcfabH) | 8 ± 1 | 2.8 ± 0.1 | 171 ± 7 | 0.996 |   Table xxxxx- Modified Gompertz model parameters (value ± SE) estimated for growth curves. |
| Figure xxxx- Growth curves for adapted strains with higher biomass production after adaptation (ALE of 7 rounds). ■: WT, x: 183fas2Δ+pTA1\_FASIIb, ▲: 183fas2Δ+pTA1\_FASIIb + pYPK0\_ENO2\_AthMOD1\_RPL5, ●: 183fas2Δ+pTA1\_FASIIb + pYPK0\_PDC1\_EcfabH\_TEF1 |