|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 4- Data from enzymatic activity assay and enzymatic activity results as mean ± SD of triplicates reported as µmol NADPH oxidized/(min.mg of protein). The extinction coefficient of NADPH at 340nm is ɛ = 6.22 /(mM.cm). | | | | | | | | | | |
| Strain | Medium | Medium | Rep | Slope A w/ M-CoA | Slope B w/o M-CoA | Slope A-B | ∆C | [Protein] | ∆C/C | Mean ±  SD |
| pré-inoculum | inoculum |  | (x10-2) abs/min | (x10-2) abs/min | (x10-2)  abs/min | (x10-2)  mM/min | mg/mL | (x10-3)  µmol/(min.mg) | (x10-3) |
| CEN.PK2-1C | YPD | SC | 1 | -3.71 | -0.407 | -3.31 | -1.06 | 8.721 | -1.22 | -1.1 ± 0.2 |
| YPD | SC | 2 | -3.74 | -0.421 | -3.32 | -1.07 | 9.928 | -1.07 |
| YPD | SC | 3 | -3.22 | -0.458 | -2.76 | -0.886 | 9.681 | -0.916 |
| CENΔfas1.FASIIb | YPD | SC-Leu | 1 | -0.804 | -0.710 | -0.094 | -0.0302 | 14.535 | -0.0208 | -0.024 ± 0.002 |
| YPD | SC-Leu | 2 | -0.631 | -0.528 | -0.103 | -0.0331 | 14.042 | -0.0236 |
| YPD | SC-Leu | 3 | -0.837 | -0.701 | -0.136 | -0.0436 | 15.468 | -0.0282 |
| CENΔfas2.FASIIb | YPD | SC-Leu | 1 | -0.838 | -0.680 | -0.157 | -0.0506 | 14.727 | -0.0344 | -0.036 ± 0.002 |
| YPD | SC-Leu | 2 | -0.820 | -0.667 | -0.153 | -0.0491 | 13.191 | -0.0372 |
| YPD | SC-Leu | 3 | -0.663 | -0.535 | -0.128 | -0.0411 | 10.970 | -0.0374 |