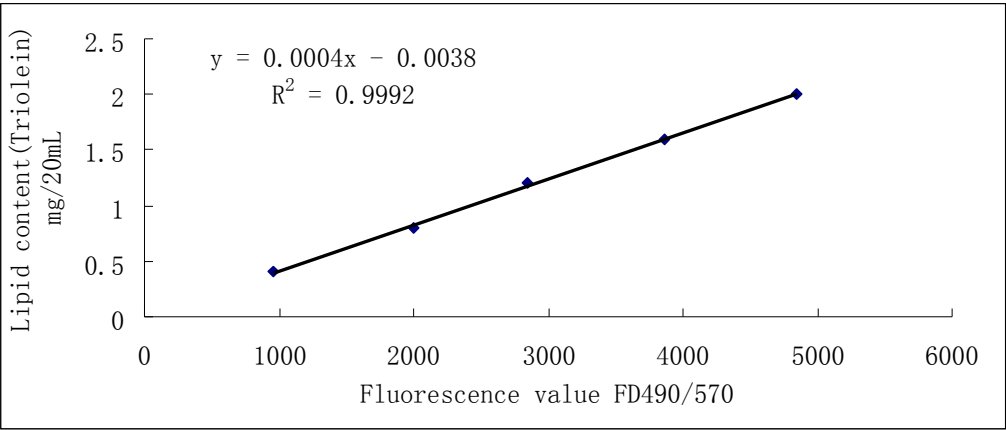


Supplementary data Figure 1 the correlation between biomass (Cell dry weight g/L) and the optical density
OD₄₉₀

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20Supplementary data Figure 2 the correlation between lipid concentration (Triolein mg/20mL) and the fluorescence
21value FD470/570

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37Supplementary data Table1 Primers for Real Time PCR

Gene	Primer sequence
<i>CrCIS</i>	5'-GACGCGCACAGCGGCGTGCT -3' 5'- CCTCCCTCCTTCATGTGTGT-3'
<i>CrDGAT2</i>	5'-GCTGGCTTCAAACCTTCTGG-3' 5'-CACCTTGTCCACCTGTATGG-3
<i>CrPAP2</i>	5'-GCGTGTTTGCCTACTTCCTC-3' 5'-CACTACTCGCGCCGTACAT-3
<i>CrCO</i>	5'- AGCTGCTACGCACGAGACCG -3' 5'- GCCCATGTCGAGCCAGTTGT -3
<i>CrPDAT3</i>	5'-ATGTGTGAGGCTGAGGCAGT-3' 5'-TCAGCTGATGACCAGCGGTCG-3'
<i>CrFBP1</i>	5'-GTCCTTCTCCTCGTCGTCGTC-3' 5'-ACACCACGTCCAGCTTCTTC-3'
<i>CrPFK2</i>	5'-CTGGGCATCAAGTACGGATT-3' 5'-AAGCCAAAGCACTTGTTCGAT-3'

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