**Table S2 Results of API ZYM test of the strains PT-11**

|  |  |  |
| --- | --- | --- |
| API ZYM | 1 | 2 |
| Alkaline phosphatase  | + | - |
| Esterase(C4) | + | + |
| Esterase lipase(C8) | + | + |
| Lipase (C14) | - | + |
| Leucine arylamidase  | - | - |
| Valine arylamidase | - | - |
| Cystine arylamidase | - | - |
| Trypsin | - | - |
| α-chymotrypsin | - | - |
| Acid phosphatase  | - | - |
| Naphthol-AS-B1-phosphohydrolase | + | + |
| α-galactosidase | - | - |
| β-galactosidase | + | - |
| β-glucuronidase | - | + |
| α-glucosidase  | + | - |
| β-glucosidase | - | - |
| N-acetyl-β- glucosaminidase | - | - |
| α-mannosidase  | - | - |
| α-fucosidase | - | - |

1: *Oceanobacillus profundus* CL-MP28T; 2: PT-11. “+” Positive，“-” Negative.