|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Clone** | **Length (pb)** | **Top BLASTx hit** | **Nearest neighbor** | **Similarity****(%)** | **Pfam (function)** |
| 2A3F | 573 | Putative type II PKS ketosynthase alpha subunit, | [Uncultured bacterium] KC229959.1 | 98 | Beta-ketoacyl synthase |
| 2A4E | 577 | ketosynthase | [*Streptomyces viridochromogenes* subsp. sulfomycini] AB269726.1 | 94 | Beta-ketoacyl synthase |