Figure S11. Alignment of antimycin biosynthetic gene clusters.
The first characterized antimycin biosynthetic gene cluster, the one of the symbiont *Streptomyces S4* [42] is used as reference for the annotation. The PPTase encoding genes, which are present in the cluster of *S. ambofaciens* ATCC23877 (AM238663), *S. hygroscopicus subsp. jinggangensis* 5008 (NC_017765) and *S. blastmyceticus* (AB727666) but absent in the cluster of *Streptomyces S4*, are labeled with a white asterisk within the ORF. The black asterisk indicates the *samL0373* gene which appears to be specific of *S. ambofaciens*. The potential targets of the SAML0372 PPTase (but also of SCO6673-like) are the ACP and PCP domains encoded by the PKS and NRPS genes, respectively and the product (PCP) of the *antG* orthologue which is conserved within all the antimycin biosynthetic gene clusters. The comparison of the clusters was done by antiSMASH [53] using the cluster of *S. hygroscopicus subsp. jinggangensis* 5008 as a query.