

**Table 1S. PCR primers for construction and complementation of *Streptomyces null* mutants**

Primer name	Sequences (from 5' to 3')	Mutated strains
Pmtsco4126	CCTGGCGTCTCTGCTGCGCCGGTGTCTCTACTGGCCCTATGTAGGCTGGAGCTGCTTC TTCGCCACCGGCATCCGAAGGTAGGGGCTGAGCCTGATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdA</i>
Pmtsco4127	CCTGGCGTCTCTGCTGCGCCGGTGTCTCTACTGGCCCTATGTAGGCTGGAGCTGCTTC TTCGCCACCGGCATCCGAAGGTAGGGGCTGAGCCTGATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdB</i>
Pmtsco4128	GAGGACGGTCAGCGGTCCCGCATCAGGCTCAGCCCCATGTAGGCTGGAGCTGCTTC CACAGGAGGTGACGGGCGTTGACGACCGAGTCCCACATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdC</i>
Pmtsco4129	GGGGCGTGACCGTATGGACATGTGGACTCGTTCGTCATGTAGGCTGGAGCTGCTTC ACCGCTTTGGTTGCCGTTGCTCAGGCAGCCGCGTCTGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdD</i>
Pmtsco4130	GCAACCAAAGCGGTGAGTTTGAGCGCGGGTGTGGCTATGTAGGCTGGAGCTGCTTC ACACGGCCGACCCGACGTCGAGGGGGGTACGCGCATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdE</i>
Pmtsco4131	GTGGGATGGAGGGGAGGAACGGTTGCGTGCCGGGGTTATGTAGGCTGGAGCTGCTTC AGGGCGCGGAATAACCAACAGGGGCGGTGACTTACATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdF</i>
Pmtsco4126-31	CCTGGCGTCTCTGCTGCGCCGGTGTCTCTACTGGCCCTATGTAGGCTGGAGCTGCTTC AGGGCGCGGAATAACCAACAGGGGCGGTGACTTACATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>cmdA-F</i>
Pmtsco6878	GGTGTGCACGTCCC GCCCCGGGAGTTGTCAGGGGT CATGTAGGCTGGAGCTGCTTC CCCCGCGCTGACACAAGAAAGGAGCAGTAACTCCCCGTGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>SCO6878</i>
Pmtsco6881	TGTCGCGAGTGGTCTGGAATGAACCAITTCGGGTTTCATGTAGGCTGGAGCTGCTTC CGCGATGAGTACCACCCGAGAATCGAAGGCCCCGATGATCCGGGGATCCGTCGACC	<i>S. coelicolor</i> $\Delta$ <i>SCO6881</i>
Pmtsav4098-4103	AGGGCGCAGAACTACCCACTAGGGGCGGTGACTTACATGATCCGGGGATCCGTCGACC GGCTGCTCCGCGCCGCTGCCGGGGCGAAGGGCCTTGTCATGTAGGCTGGAGCTGCTTC	<i>S. avermitilis</i> SAV4098-4103