

SUPPLEMENTARY TABLE 1: Oligonucleotide primers

Name	Sequence (5'-3')	Description
<i>Primers used for cloning:</i>		
SC2001	TATATCTAGAACCGGTATCGTGATCGC	Forward primer to clone upstream flanking region of SMA2274 for marker exchange (XbaI)
SC2002	TATCAAGCTTTCAAGACATGTTTTCTCAGGTCTC	Reverse primer to clone upstream flanking region of SMA2274 for marker exchange (HindIII)
SC2003	TATAAAGCTTCCCGGGTTTCAGGCATAACGCCGC	Forward primer to clone downstream flanking region of SMA2274 for marker exchange (HindIII)
SC2004	TATAGTCGACCGGTTTGAGCATGATCTCC	Reverse primer to clone downstream flanking region of SMA2274 for marker exchange (SalI)
SC2005	TATATCTAGACATCTCGGCCAGGTGAGC	Forward primer to clone upstream flanking region of SMA2254 for marker exchange (XbaI)
SC2006	TATAAAGCTTTCAGCCATGCTATTTCTCGAGTC	Reverse primer to clone upstream flanking region of SMA2254 for marker exchange [SJC4] (HindIII)
SC2059	TATAAAGCTTCCCGCATGCTATTTCTCGAGTC	Reverse primer to clone upstream flanking region of SMA2254 for marker exchange [SJC12] (HindIII)
SC2007	TATAAAGCTTGATATCCCGCAAGGAACCGAAAG	Forward primer to clone downstream flanking region of SMA2254 for marker exchange (HindIII)
SC2008	TATAGTCGACTTCTCGCGCTGGCTTTC	Reverse primer to clone downstream flanking region of SMA2254 for marker exchange (SalI)
SC2009	TATATCTAGAAACCGCAGCTGAAATCC	Forward primer to clone upstream flanking region of SMA2271 for marker exchange (XbaI)
SC2060	TATAAAGCTTATCGTTATGTTCCAGGCGCT	Reverse primer to clone upstream flanking region of SMA2271 for marker exchange (HindIII)
SC2011	TATAAAGCTTCCCGGGCTGAAGACATAGGGTAAGCGCA	Forward primer to clone downstream flanking region of SMA2271 for marker exchange (HindIII)
SC2012	TATAGTCGACCCTCCACGTTTGGCAG	Reverse primer to clone downstream flanking region of SMA2271 for marker exchange (SalI)
SC2043	TATATCTAGACCTGCAGAAATCCACCAACG	Forward primer to clone upstream flanking region of SMA2252 for marker exchange (XbaI)
SC2053	TATAAAGCTTCTCATCATAGGAATCTCGTCCG	Reverse primer to clone upstream flanking region of SMA2252 for marker exchange (HindIII)
SC2045	TATAAAGCTTCCCGGGAAGGTCGACTGACCTACCCG	Forward primer to clone downstream flanking region of SMA2252 for marker exchange (HindIII)
SC2046	TATAGGGCCATCTCGGTGATCGAGACG	Reverse primer to clone downstream flanking region of SMA2252 for marker exchange (ApaI)
SM001	TATATCTAGAGGATTTATCCCGCAGAACG	Forward primer to clone upstream flanking region of SMA2462 for marker exchange (XbaI)
SM002	TATAAAGCTTTCAGGGCATCGGGGATCG	Reverse primer to clone upstream flanking region of SMA2462 for marker exchange (HindIII)
SM003	TATAAAGCTTCCCGGAGGCTAAATCTGC	Forward primer to clone downstream flanking region of SMA2462 for marker exchange (HindIII)
SM004	TATAGGGCCCGCACTGGAAGGAATATCAGAAACC	Reverse primer to clone downstream flanking region of SMA2462 for marker exchange (ApaI)
SC2039	TATATCTAGACCTCATCCACCATCAACATGAGC	Forward primer to clone SMA2274 3' end, to flank non-disruptive lacZ insertion, for marker exchange (XbaI)
SC2040	TGTGAAGCTTTATGCTGAAATGACAAATGAATTCG	Reverse primer to clone SMA2274 3' end, to flank non-disruptive lacZ insertion, for marker exchange (HindIII)
SM007	TATAAAGCTTAAAGGAGAACGATGACCATGATTACGG	Forward Primer to clone lacZ 5' end (HindIII)
SM008	GCTCATCGATAATTTCCACG	Reverse Primer to clone lacZ 5' end (ClaI)
SM009	TTTCCATATGGGGATGGTG	Forward primer to clone lacZ 3' end (NdeI)
SM010	TATAGGTACCCCGGGTATTTTTGACACAGACCAACTG	Reverse primer to clone lacZ 3' end (KpnI)
SC2049	TATAGGATCCATGAACGATAAACGCCAC	Forward primer to clone SMA2271 into pSUPROM (BamHI)
SC2050	TATATCTAGATTACCTATGCTTTTCAGATCGAAGTG	Reverse primer to clone SMA2271 into pSUPROM (XbaI)
SC2148	TATAGGATCCATGATGACCAACCCATCTCGC	Forward primer to clone SMA2252 into pSUPROM (BamHI)
SC2149	TATATCTAGAGTCAGTCGACCTTTTTACGGG	Reverse primer to clone SMA2252 into pSUPROM (XbaI)
SMA2274F	TCACATATGCTGAAATCAGCCGCTCGGTATTATTTGG	Forward primer to clone SMA2274 into pSUPROM (NdeI+blunt)
SMA2274R	AGGATCCTTATGCTGAAATGACAAATGAATTCGTGG	Reverse primer to clone SMA2274 into pSUPROM (BamHI+blunt)
SMA2263F	TCACATATGCTATTGATATGCTCTGAAA	Forward primer to clone SMA2263 into pET15b-TEV (NdeI)
SMA2263R	AGGATCCTTAAAGCTTCCGGTTTTCTTGA	Reverse primer to clone SMA2263 into pET15b-TEV (BamHI)

Primers used for transcript mapping by RT-PCR:

SM028	TGTACGACCGTGCGCAC	RT-PCR mapping forward primer product 1
SM025	CTCCGTGAGCAATGCATTG	RT-PCR mapping forward primer product 2
SM069	ATCACGGTGCATATCTGGGG	RT-PCR mapping forward primer product 3
SM029	AGACTGACGCTGGCGATAGAG	RT-PCR mapping forward primer product 4
SC2083	AACTGGCTGGCGATCTCC	RT-PCR mapping forward primer product 5
SC2139	TATAGGATCCAGCAAAAACCGTGCCTC	RT-PCR mapping forward primer product 6
SM031	AAGTGACCCGCAATCTCG	RT-PCR mapping forward primer product 7
GE002	ACAACCCGGGCTATTACAGC	RT-PCR mapping forward primer product 8
SC2065	TATACATATGGCCGATTCAGGATCC	RT-PCR mapping forward primer product 9
GE004	GGAACATCAAGGAAAACCGC	RT-PCR mapping forward primer product 10
SC2071	TATACATATGGAAAACCTGCTCAATGCTTTATCG	RT-PCR mapping forward primer product 11
SC2269	TATAAAGCTTACCCCGGGTAAATCCCGTTC	RT-PCR mapping forward primer product 12
SM040	AAGAGGAGGAGAGATCAATACC	RT-PCR mapping forward primer product 13
SM042	ATCAGCATCAGTTGGCGG	RT-PCR mapping forward primer product 14
SM046	AAATGCCAAACCAACCG	RT-PCR mapping forward primer product 15
SM048	TATGACGGAACACTAGAATCTGC	RT-PCR mapping forward primer product 16
SM050	ATGGTAACGAAGAGCAGTTTCG	RT-PCR mapping forward primer product 17
SM019	CAATGCATTGCTGACGGAG	RT-PCR mapping reverse primer product 1
SM021	AACTCGACGTCGAACTCG	RT-PCR mapping reverse primer product 2
SM070	ACTCTATCGCAGCGTCAG	RT-PCR mapping reverse primer product 3
SM030	ATCAAACCTGGATCTTACGGC	RT-PCR mapping reverse primer product 4
SM027	TGCGCTTCCAGCTCATC	RT-PCR mapping reverse primer product 5
SC2082	CTGGCTGCGCTGTTGC	RT-PCR mapping reverse primer product 6
SM032	ATCGATGTTCCAGCTTGCCTTC	RT-PCR mapping reverse primer product 7
SC2062	TATAGGATCCCTCATGCTTTGCTCCCTTTG	RT-PCR mapping reverse primer product 8
GE003	CTGGCACCTTCAACTTTTCAAG	RT-PCR mapping reverse primer product 9
SC2068	TATAGGATCCTTATTTTATGTAACCATATAGATGCTCGTTG	RT-PCR mapping reverse primer product 10
SC2091	TATAGGGCCCATCGGTTTGTGTTGCTGC	RT-PCR mapping reverse primer product 11
SC2270	TATAGGGCCCTCCAGCTCCATCAGG	RT-PCR mapping reverse primer product 12
SM041	AACTGATGCTGATGATGGTGG	RT-PCR mapping reverse primer product 13
SM052	ATGTCGCGTACCACCACC	RT-PCR mapping reverse primer product 14
SM047	AAGCACTGCATCTGTAATGAAGG	RT-PCR mapping reverse primer product 15
SM049	AAACGAAACTGCTCTTCTGTTACC	RT-PCR mapping reverse primer product 16
SM051	AACATCTTTCATCTTGTCTGCTC	RT-PCR mapping reverse primer product 17

Additional primers used for identification of T6SS genes in Sma ATCC274:

SM026	ATGCTGTTTCTGCTCTGG	Forward primer binding in SMA2252
SC2112	TATAGGTACCTTACCGGTCCTATGGCTG	Reverse primer binding in SMA2253
SC2025	ACGCCATTTCCGAGATCC	Forward primer binding in SMA2254
SC2026	CGGTTCACTTTGTTATCTGTTG	Reverse primer binding in SMA2254
SC2183	GTCAGCCTGGTCGATTTGG	Forward primer binding in SMA2255
SC2120	TATAGGATCCCTACGGCAGCAGAAGGC	Reverse primer binding in SMA2255
GE07	TGATGCAAGTGGAGTCTGG	Forward primer binding in SMA2259
GE08	CGTCTTTTGTTCAGCGAAG	Reverse primer binding in SMA2259
GE009	AAAAGCGGCCAGGTTCC	Forward primer binding in SMA2267
GE010	TGCTGGCTGAACCTGGC	Reverse primer binding in SMA2267
SC2027	GCAAAGCCAGTCGATCG	Forward primer binding in SMA2270
SC2019	CTGCACCTGACCGAATACG	Forward primer binding in SMA2273
SC2022	TGGTTCCAGGGTGTGGGAG	Reverse primer binding in SMA2274
SC2021	ACTGTGCTGTTGACATCG	Forward primer binding in SMA2274
SC2020	TTCTGATGCTGGCAC	Reverse primer binding in SMA2275