



Supplementary Materials: Prevalence of *Escherichia coli* ST1193 causing intracranial infection in Changsha, China

Table S1. Sequences of primers for PCR amplification and annealing temperature.

Gene Name	Primer	Primer Sequences (5'–3')	Primer Size (bp)	Annealing Temperature/°C
<i>adk</i>	Forward	ATTCTGCTTGCGCTCCGGG	583	54
	Reverse	CCGTCAACTTTCGCGTATTT		
	Forward1	TCATCATCTGCACTTTCCGC		
	Reverse1	CCAGATCAGCGCGAACTTCA		
<i>fumC</i>	Forward	TCACAGGTCGCCAGCGCTTC	806	54
	Reverse	GTACGCAGCGAAAAAGATTC		
	Reverse1	TCCCGGCAGATAAGCTGTGG		
	Forward	TCGGCGACACGGATGACGGC		
<i>gyrB</i>	Reverse	ATCAGGCCTTCACGCGCATC	911	60
	Reverse1	GTCCATGTAGGCGTTCAGGG		
	Forward	ATGGAAAGTAAAGTAGTTGTTCCGGCAC		
	Reverse	GGACGCAGCAGGATCTGTT		
<i>icd</i>	Forward	ATGGAAAGTAAAGTAGTTGTTCCGGCAC	878	54
	Reverse	GGACGCAGCAGGATCTGTT		
	Forward	ATGAAAGTCGCAGTCTCGGCGCTGCTGGCGG		
	Reverse	TTAACGAACTCCTGCCCCAGAGCGATATCTTTCT		
<i>mdh</i>	Forward1	AGCGCGTTCTGTTCAAATGC	816	54
	Reverse1	CAGGTTTCAGAACTCTCTCTGT		
	Forward	CGCGCTGATGAAAGAGATGA		
	Forward1	TCGGTAACGGTGTGTGCTG		
<i>purA</i>	Reverse	CATACGGTAAGCCACGCAGA	780	58
	Forward	CGCATTCGCTTTACCCTGACC		
	Reverse	TCGTGCGAAATCTACGGACCGGA		
	Forward1	ACCTTTGTAGCTGTACCACG		
<i>recA</i>	Reverse1	AGCGTGAAGGTAAAACCTGTG	288	59
	Forward	ATGGTACCGGACGAACCAAC		
	Reverse	TGCCGCCAGTACCAAAGACA		
	Forward	CAAACGTGAAGTGTGAGGAG		
<i>chuA</i>	Reverse	AATGCGTTCCTCAACCTGTG	211	59
	Forward	CACTATTTCGTAAGGTCATCC		
	Reverse	AGTTTATCGCTGCGGGTCGC		
	Forward	AACGCTATTCGCCAGCTTGC		
<i>TspE4.C2</i>	Reverse	TCTCCCCATACCGTACGCTA	400	59
	Forward	GATTCCATCTTGTCAAAATATGCC		
	Reverse	GAAAAAGAAAAAGAATTCCCAAGAG		
	Forward	AGTTTTATGCCCAGTGCGAG		
<i>arpA</i>	Reverse	TCTGCGCCGGTCACGCCC	219	59
	Forward	CGGCGATAAAGACATCTTCAC		
	Reverse	GCAACGCGGCCTGGCGGAAG		
	Forward	AAAAATCACTGCGCCAGTTC		
<i>bla_{CTX-Mgroup1}</i>	Reverse	AGCTTATTCATCGCCACGTT	415	52
	Forward1	CGTCACGCTGTTGTTAGGAA		
	Reverse1	ACGGCTTTCTGCCTTAGGTT		
	Forward	CGACGCTACCCCTGCTATT		
<i>bla_{CTX-Mgroup2}</i>	Reverse	CCAGCGTCAGATTTTTTCAGG	552	52
	Forward	TCGCGTTAAGCGGATGATGC		
	Reverse	AACCCACGATGTGGGTAGC		
	Forward	CAAAGAGAGTGCAACGGATG		
<i>bla_{CTX-Mgroup8}</i>	Reverse	ATTGGAAAGCGTTCATCAC	205	52
	Forward1	TATTGGGAGTTTGAGATGGT		
	Reverse1	TCCTTCAACTCAGCAAAAGT		
	Forward	GCACGATGACATTTCGGG		
<i>bla_{CTX-Mgroup9}</i>	Reverse	AACCCACGATGTGGGTAGC	327	52
	Forward	CGACCTTGCGAGAGAAAT		
	Reverse	GTTCCATCAGCCCTTCAA		
	Forward	CGATTGCCGCTGAGCCACTT		
<i>gyrA</i>	Reverse	CGGAATAAGTTGAGGAATCAG	605	58
	Forward	ATTTCTCACGCCAGGATTTG		
	Reverse	ATTTCTCACGCCAGGATTTG		
	Forward	ATTTCTCACGCCAGGATTTG		
<i>parC</i>	Reverse	ATTTCTCACGCCAGGATTTG	516	53
	Forward	ATTTCTCACGCCAGGATTTG		
	Reverse	ATTTCTCACGCCAGGATTTG		
	Forward	ATTTCTCACGCCAGGATTTG		
<i>qnrA</i>	Reverse	ATTTCTCACGCCAGGATTTG	516	53
	Forward	ATTTCTCACGCCAGGATTTG		
	Reverse	ATTTCTCACGCCAGGATTTG		
	Forward	ATTTCTCACGCCAGGATTTG		

	Reverse	GATCGGCAAAGGTTAGGTCA		
<i>qnrB</i>	Forward	GATCGTGAAAGCCAGAAAGG	476	53
	Reverse	ATGAGCAACGATGCCTGGTA		
<i>qnrC</i>	Forward	GGGTTGTACATTTATTGAATCG	307	53
	Reverse	CACCTACCCATTTATTTTCA		
<i>qnrS</i>	Forward	GCAAGTTCATTGAACAGGGT	428	53
	Reverse	TCTAAACCGTCGAGTTCGGCG		
<i>aac(6)-Ib-cr</i>	Forward	TTGCGATGCTCTATGAGTGGCTA	482	55
	Reverse	CTCGAATGCCTGGCGTGTTT		
<i>qepA</i>	Forward	AACTGCTTGAGCCCGTAGAT	596	55
	Reverse	GTCTACGCCATGGACCTCAC		
