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Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Canicola strain 611 chromosome 1, complete sequence</a>	<a href="#">Leptospira interrogans serovar C...</a>	510	510	100%	2e-143	100.00%	4255595	<a href="#">CP044513.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Canicola strain LJ178 chromosome 1, complete sequence</a>	<a href="#">Leptospira interrogans serovar C...</a>	510	510	100%	2e-143	100.00%	4259066	<a href="#">CP044509.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Canicola strain 114 chromosome I sequence</a>	<a href="#">Leptospira interrogans serovar C...</a>	510	510	100%	2e-143	100.00%	4218946	<a href="#">CP022883.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Linhai str. 56609 chromosome 1, complete sequence</a>	<a href="#">Leptospira interrogans serovar Li...</a>	510	510	100%	2e-143	100.00%	4331770	<a href="#">CP006723.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Gem strain Simon secY gene, partial sequence</a>	<a href="#">Leptospira interrogans serovar G...</a>	510	510	100%	2e-143	100.00%	1408	<a href="#">EU358039.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Pomona strain LT 1026 SecY (secY) gene, partial cds</a>	<a href="#">Leptospira interrogans serovar P...</a>	510	510	100%	2e-143	100.00%	1375	<a href="#">EU358017.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Monjakov SecY (secY) gene, partial cds</a>	<a href="#">Leptospira interrogans serovar M...</a>	510	510	100%	2e-143	100.00%	1386	<a href="#">EU358014.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Pomona SecY (secY) gene, partial cds</a>	<a href="#">Leptospira interrogans serovar P...</a>	510	510	100%	2e-143	100.00%	1382	<a href="#">EU358013.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Medanensis strain Hond HC SecY (secY) gene, partial cds</a>	<a href="#">Leptospira interrogans serovar M...</a>	510	510	100%	2e-143	100.00%	1386	<a href="#">EU357984.1</a>
<input checked="" type="checkbox"/> <a href="#">Leptospira interrogans serovar Bratislava strain Jez Bratislava SecY (secY) gene, partial cds</a>	<a href="#">Leptospira interrogans serovar Br...</a>	510	510	100%	2e-143	100.00%	1386	<a href="#">EU357939.1</a>

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**Leptospira interrogans serovar Gem strain Simon secY gene, partial sequence**

Sequence ID: [EU358039.1](#) Length: 1408 Number of Matches: 1

Range 1: 163 to 438 [GenBank](#) [Graphics](#)

[Next Match](#) [Previous Match](#)

Score	Expect	Identities	Gaps	Strand
510 bits(276)	2e-143	276/276(100%)	0/276(0%)	Plus/Plus
Query 1	CTTGTTCCTGCCCTTCAAAAACTTCAAAAAAGAGGAGAGAGGAGAGAAAAAATTGGT	60		
Sbjct 163	CTTGTTCCTGCCCTTCAAAAACTTCAAAAAAGAGGAGAGAGGAGAGAAAAAATTGGT	222		
Query 61	CAATATACTAAGTATGGAACCGTAATCTTTGTGCGATTCAATCTTTAGCAGTGATCCAA	120		
Sbjct 223	CAATATACTAAGTATGGAACCGTAATCTTTGTGCGATTCAATCTTTAGCAGTGATCCAA	282		
Query 121	CTCGCAAAGGGCTGGTCTACCGGCACGGAACCTGAGCCTGCGCGTTACCGGGCTTAATC	180		
Sbjct 283	CTCGCAAAGGGCTGGTCTACCGGCACGGAACCTGAGCCTGCGCGTTACCGGGCTTAATC	342		
Query 181	AATTCTTCTGTGTTCCCTTATTTTATTTAATCGGAATCTTATCCATTACTACCGGAACC	240		
Sbjct 343	AATTCTTCTGTGTTCCCTTATTTTATTTAATCGGAATCTTATCCATTACTACCGGAACC	402		
Query 241	GTTCTTCTCATTTGGTTAGGAGAACAGATCACCGAA	276		
Sbjct 403	GTTCTTCTCATTTGGTTAGGAGAACAGATCACCGAA	438		

**Figure S6.** Sequencing and BLAST analysis of PCR reaction products from clinical urine samples (Sample 019).