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

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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	CTTGTTCCTGCCCTTCAaaaacttcaaaaaagaaggagaagaaggaagaaaaaaTTGGT	60		
Sbjct 163	CTTGTTCCTGCCCTTCAAAAACCTCAAAAAGAAGGAGAAGAAGGAAGAAAAAAATGGT	222		
Query 61	CAATATACTAAGTATGGAACCGTAATTCTTTGTGCGATTCAATCTTTAGCAGTGATCCAA	120		
Sbjct 223	CAATATACTAAGTATGGAACCGTAATTCTTTGTGCGATTCAATCTTTAGCAGTGATCCAA	282		
Query 121	CTCGCAAAGGGCTGGTCTACCGGCACGGAACCTGAGCCTGCGCGTTACCCGGGCTTAATC	180		
Sbjct 283	CTCGCAAAGGGCTGGTCTACCGGCACGGAACCTGAGCCTGCGCGTTACCCGGGCTTAATC	342		
Query 181	AATTCTTCTGTTGTTCCCTATTTTTATTTAATCGGAATCTTATCCATTACTACCGGAACC	240		
Sbjct 343	AATTCTTCTGTTGTTCCCTATTTTTATTTAATCGGAATCTTATCCATTACTACCGGAACC	402		
Query 241	GTTCTTCTCATTTGGTTAGGAGAACAGATCACCGAA	276		
Sbjct 403	GTTCTTCTCATTTGGTTAGGAGAACAGATCACCGAA	438		

Figure S4. Sequencing and BLAST analysis of PCR reaction products from clinical urine samples (Sample 001).