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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...	488	488	100%	7e-137	100.00%	4255595	CP044513.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Canicola strain LJ178 chromosome 1, complete sequence	Leptospira interrogans serovar C...	488	488	100%	7e-137	100.00%	4259066	CP044509.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Canicola strain 114 chromosome I sequence	Leptospira interrogans serovar C...	488	488	100%	7e-137	100.00%	4218946	CP022883.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Linhai str. 56609 chromosome 1, complete sequence	Leptospira interrogans serovar Li...	488	488	100%	7e-137	100.00%	4331770	CP006723.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Gem strain Simon secY gene, partial sequence	Leptospira interrogans serovar G...	488	488	100%	7e-137	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...	488	488	100%	7e-137	100.00%	1375	EU358017.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Monjakov SecY (secY) gene, partial cds	Leptospira interrogans serovar M...	488	488	100%	7e-137	100.00%	1386	EU358014.1
<input checked="" type="checkbox"/>	Leptospira interrogans serovar Pomona SecY (secY) gene, partial cds	Leptospira interrogans serovar P...	488	488	100%	7e-137	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...	488	488	100%	7e-137	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...	488	488	100%	7e-137	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: 164 to 427 [GenBank](#) [Graphics](#) [Next Match](#) [Previous Match](#)

Score	Expect	Identities	Gaps	Strand
488 bits(264)	7e-137	264/264(100%)	0/264(0%)	Plus/Plus
Query 1	TTGTTCTGCCCCTC	caaaaacttcaaaaaa	gaaggagaaggaagga	aaaaaaaaTTGGTC 60
Sbjct 164	TTGTTCTGCCCCTC	AAAAACTCAAAAAA	GAGGAGAAGGAAGAA	AAAAAATTTGGTC 223
Query 61	AATATACTAAGTAT	GGAACCGTAATCTT	TGTGCGATCAATCTT	TAGCAGTGATCCAAC 120
Sbjct 224	AATATACTAAGTAT	GGAACCGTAATCTT	TGTGCGATCAATCTT	TAGCAGTGATCCAAC 283
Query 121	TCGCAAGGGGTGGT	CTACCGGCACGGAAC	TGAGCCTGCGCGTT	ACCGGGCTTAATCA 180
Sbjct 284	TCGCAAGGGGTGGT	CTACCGGCACGGAAC	TGAGCCTGCGCGTT	ACCGGGCTTAATCA 343
Query 181	ATTCTTCTGTTGTC	CTTATTTTATTTAAT	CGGAATCTTATCCAT	TACTACCGGAACCG 240
Sbjct 344	ATTCTTCTGTTGTC	CTTATTTTATTTAAT	CGGAATCTTATCCAT	TACTACCGGAACCG 403
Query 241	TTCTTCTCATTGGT	TAGGAGAAC 264		
Sbjct 404	TTCTTCTCATTGGT	TAGGAGAAC 427		

Figure S5. Sequencing and BLAST analysis of PCR reaction products from clinical urine samples (Sample 005).