

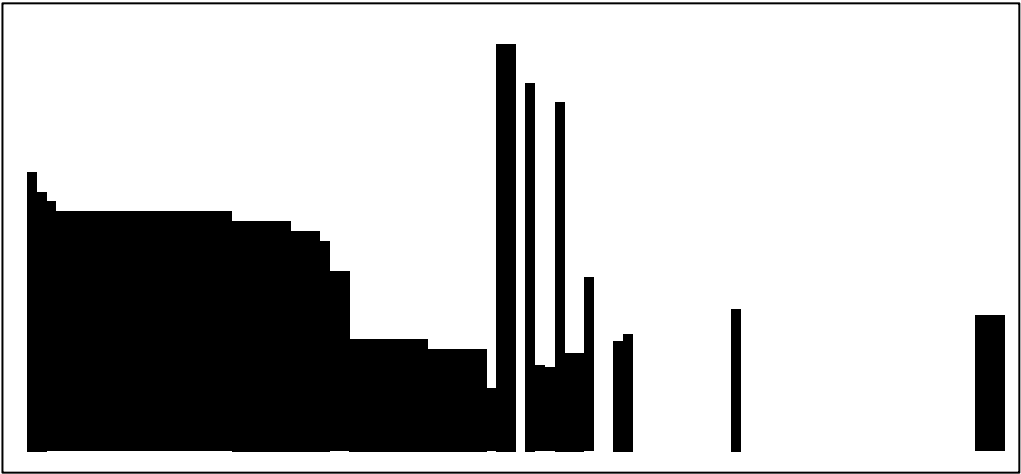
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Rickettsia felis URRWXCal2

Rickettsiaceae

Rickettsiales

93.09



Rickettsia felis URRWXCal2, complete genome	CP000053	93.09	100	6.03701e-85	Rickettsiales	Rickettsiaceae	Rickettsia felis URRWXCal2
Rickettsia monacensis, strain IrR/Munich, complete	LN794217	92.17	100	3.12725e-82	Rickettsiales	Rickettsiaceae	Rickettsia monacensis
Rickettsia akari str. Hartford, complete genome	CP000847	91.71	100	3.80977e-81	Rickettsiales	Rickettsiaceae	Rickettsia akari str. Hartford
Candidatus Rickettsia amblyommii strain Ac37, comp	CP012420	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii
Rickettsia rickettsii str. Morgan, complete genome	CP006010	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Morgan
Rickettsia rickettsii str. R, complete genome	CP006009	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. R
Rickettsia rickettsii str. Iowa, complete genome	CP000766	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Iowa
Rickettsia slovaca str. D-CWPP, complete genome	CP003375	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia slovaca str. D-CWPP
Rickettsia parkeri str. Portsmouth, complete genom	CP003341	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia parkeri str. Portsmouth
Rickettsia australis str. Cutlack, complete genome	CP003338	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia australis str. Cutlack
Candidatus Rickettsia amblyommii str. GAT-30V, com	CP003334	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii str. GAT-30V
Rickettsia rickettsii str. Hauke, complete genome	CP003318	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hauke
Rickettsia rickettsii str. Hlp#2, complete genome	CP003311	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hlp#2
Rickettsia rickettsii str. Hino, complete genome	CP003309	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hino
Rickettsia philipii str. 364D, complete genome	CP003308	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia philipii str. 364D
Rickettsia rickettsii str. Arizona, complete genom	CP003307	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Arizona
Rickettsia rickettsii str. Colombia, complete geno	CP003306	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Colombia
Rickettsia rickettsii str. Brazil, complete genome	CP003305	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Brazil
Rickettsia slovaca 13-B, complete genome	CP002428	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia slovaca 13-B
Rickettsia africae ESF-5, complete genome	CP001612	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia africae ESF-5
Rickettsia rickettsii str. 'Sheila Smith', complet	CP000848	91.24	100	1.61995e-79	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. 'Sheila Smith'
Rickettsia raoultii strain Khabarovsk genome	CP010969	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia raoultii
Rickettsia montanensis str. OSU 85-930, complete g	CP003340	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia montanensis str. OSU 85-930
Rickettsia japonica YH DNA, complete genome	AP011533	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia japonica YH
Rickettsia heilongjiangensis 054, complete genome	CP002912	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia heilongjiangensis 054
Rickettsia peacockii str. Rustic, complete genome	CP001227	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia peacockii str. Rustic
Rickettsia conorii str. Malish 7, complete genome	AE006914	90.78	100	1.97351e-78	Rickettsiales	Rickettsiaceae	Rickettsia conorii str. Malish 7
Rickettsia rhipicephali strain HJ#5, complete geno	CP013133	90.32	100	8.39157e-77	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali
Rickettsia rhipicephali str. 3-7-female6-CWPP, com	CP003342	90.32	100	8.39157e-77	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali str. 3-7-female6-CWPP
Rickettsia massiliae MTU5, complete genome	CP000683	90.32	100	8.39157e-77	Rickettsiales	Rickettsiaceae	Rickettsia massiliae MTU5
Rickettsia massiliae str. AZT80, complete genome	CP003319	89.86	100	1.0223e-75	Rickettsiales	Rickettsiaceae	Rickettsia massiliae str. AZT80
Rickettsia canadensis str. CA410, complete genome	CP003304	88.43	99.54	7.85945e-71	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. CA410
Rickettsia canadensis str. McKiel, complete genome	CP000409	88.43	99.54	7.85945e-71	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. McKiel
Rickettsia prowazekii strain Naples-1, complete ge	CP014865	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii
Rickettsia prowazekii str. Breinl, complete genome	CP004889	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Breinl
Rickettsia prowazekii str. Dachau genome	CP003394	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Dachau
Rickettsia prowazekii str. BuV67-CWPP, complete ge	CP003393	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. BuV67-CWPP
Rickettsia prowazekii str. Katsinyian, complete ge	CP003392	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Katsinyian
Rickettsia prowazekii str. Chernikova, complete ge	CP003391	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Chernikova
Rickettsia prowazekii str. GvV257, complete genome	CP003395	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. GvV257
Rickettsia prowazekii Rp22, complete genome	CP001584	85.25	100	3.81313e-62	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Rp22
Rickettsia prowazekii str. NMRC Madrid E, complete	CP004888	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. NMRC Madrid E
Rickettsia prowazekii str. RpGvF24, complete genom	CP003396	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. RpGvF24
Rickettsia bellii OSU 85-389, complete genome	CP000849	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia bellii OSU 85-389
Rickettsia bellii RML369-C, complete genome	CP000087	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia bellii RML369-C
Rickettsia prowazekii strain Madrid E, complete ge	AJ235271	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Madrid E
Rickettsia prowazekii coxA gene	Y13855	84.79	100	1.62139e-60	Rickettsiales	Rickettsiaceae	Rickettsia prowazekii str. Madrid E
Rickettsia endosymbiont of Macrolophus pygmaeus pa	HE583222	82.95	100	4.35078e-55	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus pygmaeus
Rickettsia endosymbiont of Aulogymnus balani/skian	FJ666793	99.09	50.69	7.36758e-46	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Aulogymnus balani/skianeuros
Rickettsia endosymbiont of Aulogymnus trilineatus	FJ666792	99.09	50.69	7.36758e-46	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Aulogymnus trilineatus
Hymenoptera sp. CNRMF043-12 voucher BIOUG03796-H08	KM561203	79.72	99.54	1.09345e-43	Hymenoptera		Hymenoptera sp. CNRMF043-12
Rickettsia endosymbiont of Cercopidae species spit	FJ666791	97.27	50.69	3.8165e-43	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Cercopidae species spittlebug
Rickettsia endosymbiont of Lasioglossum zonulum is	KP183257	84.02	77.88	1.33209e-42	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum zonulum
Rickettsia endosymbiont of Lasioglossum semilucens	KP183258	83.93	77.42	4.64945e-42	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum semilucens
Rickettsia endosymbiont of Pediobius rotundatus st	FJ666794	96.36	50.69	4.64945e-42	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Pediobius rotundatus
Rickettsia endosymbiont of Lasioglossum laticeps i	KP183262	84.62	71.89	6.9004e-40	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum laticeps
Rickettsia endosymbiont of Halictus subauratus iso	KP183261	84.62	71.89	6.9004e-40	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Halictus subauratus
Rickettsia endosymbiont of Otiiorhynchus sulcatus i	JN394470	88.15	62.21	2.40848e-39	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Otiiorhynchus sulcatus
Formicidae sp. NZAC 03012775 cytochrome oxidase su	KP421783	76.06	98.16	6.46284e-34	Hymenoptera	Formicidae	Formicidae sp. NZAC 03012775
Hymenoptera sp. NZAC 03011268 cytochrome oxidase s	KP421611	76.06	98.16	6.46284e-34	Hymenoptera		Hymenoptera sp. NZAC 03011268
Rickettsia endosymbiont of Otiiorhynchus rugosostri	JN394471	85.19	62.21	6.46284e-34	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Otiiorhynchus rugosostriatus
Rickettsia endosymbiont of Halictus tumulorum isol	KP183260	85.5	60.37	7.87335e-33	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Halictus tumulorum
Hymenoptera sp. NZAC 03011947 cytochrome oxidase s	KP421136	75.23	98.62	9.5917e-32	Hymenoptera		Hymenoptera sp. NZAC 03011947
Hymenoptera sp. ASAHY857-14 voucher BIOUG09328-A01	KM998063	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY857-14
Hymenoptera sp. ASAHY869-14 voucher BIOUG09328-B01	KM997940	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY869-14
Hymenoptera sp. ASAHY950-14 voucher BIOUG09328-H10	KM997906	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY950-14
Hymenoptera sp. ASAHY912-14 voucher BIOUG09328-E08	KM997401	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY912-14
Hymenoptera sp. ASAHY861-14 voucher BIOUG09328-A05	KM996859	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY861-14
Hymenoptera sp. ASAHY844-13 voucher BIOUG07488-G11	KM996857	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY844-13
Hymenoptera sp. ASAHY946-14 voucher BIOUG09328-H06	KM996197	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY946-14
Hymenoptera sp. ASAHY926-14 voucher BIOUG09328-F10	KM995931	75.12	98.16	3.34783e-31	Hymenoptera		Hymenoptera sp. ASAHY926-14
Endopterygota sp. NZAC 03009225 cytochrome oxidase	KP422277	75.12	98.16	3.34783e-31			Endopterygota sp. NZAC 03009225
Rickettsia endosymbiont of Lasioglossum pauxillum	KP183259	86.67	55.3	3.34783e-31	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum pauxillum
Mycetophila lunata cytochrome oxidase subunit I (C	KM679400	76.84	87.56	3.34783e-31	Diptera	Mycetophilidae	Mycetophila lunata
Flavina sp. 1 LZ-2010 cytochrome c oxidase subunit	HM452248	76.84	87.56	3.34783e-31	Hemiptera	Issidae	Flavina sp. 1 LZ-2010
Calopteryx maculata cytochrome oxidase subunit 1 (KM383849	74.65	98.16	4.0785e-30	Odonata	Calopterygidae	Calopteryx maculata
Paracalliope fluviatilis haplotype PfH84 cytochrom	KR336948	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH83 cytochrom	KR336947	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH82 cytochrom	KR336946	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH81 cytochrom	KR336945	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH79 cytochrom	KR336943	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH65 cytochrom	KR336929	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH64 cytochrom	KR336928	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH61 cytochrom	KR336925	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH60 cytochrom	KR336924	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH59 cytochrom	KR336923	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH58 cytochrom	KR336922	74.65	98.16	4.0785e-30	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG04529-H1	KM568038	74.19	100	1.42354e-29	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG03191-B0	KM565576	74.19	100	1.42354e-29	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Eucharitidae sp. ASEUA024-11 cytochrome oxidase su	KC182318	74.53	97.7	1.42354e-29	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA024-11
Eucharitidae sp. ASEUA042-11 cytochrome oxidase su	KC182291	74.53	97.7	1.42354e-29	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA042-11
Orientia tsutsugamushi Boryong complete genome	AM494475	74.43	99.54	1.42354e-29	Rickettsiales	Rickettsiaceae	Orientia tsutsugamushi str. Boryong
Arachnida sp. BOLD:ACL9482 voucher BIOUG10413-C10	KR099536	74.07	99.54	4.96863e-29			Arachnida sp. BOLD:ACL9482
Arachnida sp. BOLD:ACL9482 voucher BIOUG10299-G11	KR099335	74.07	99.54	4.96863e-29			Arachnida sp. BOLD:ACL9482
Paracalliope fluviatilis haplotype PfH80 cytochrom	KR336944	74.18	98.16	1.73422e-28	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Orientia tsutsugamushi str. Ikeda DNA, complete ge	AP008981	73.97	99.54	6.05303e-28	Rickettsiales	Rickettsiaceae	Orientia tsutsugamushi str. Ikeda
Rickettsia endosymbiont of Macrolophus sp. partial	HE583223	73.71	98.16	2.11271e-27	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus sp.
Rickettsia endosymbiont of Coccidula rufa strain H	FJ666795	86.36	50.69	7.37409e-27	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Coccidula rufa
Rickettsia endosymbiont of Adalia bipunctata strai	FJ666787	86.36	50.69	7.37409e-27	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Adalia bipunctata
Rickettsia endosymbiont of Adalia bipunctata strai	FJ666786	86.36	50.69	7.37409e-27	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Adalia bipunctata