

(A)

	1	2	3	4	5	6	7	8	9	10	11	12
Orientia_chuto_Marigat	1	0.02	0.17	0.17	0.17	0.17	0.18	0.17	0.18	0.18	0.17	0.17
O_tsutsugamushi_str_Chuto	2	97.65	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
O_tsutsugamushi_str_Kato	3	84.76	85.13	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02
O_tsutsugamushi_str_Ikeda	4	84.76	85.13	100.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02
O_tutsugamushi (Pkt5)	5	84.76	85.13	100.00	100.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02
O_tutsugamushi (Gm47)	6	84.76	85.13	99.75	99.75	99.75	0.00	0.01	0.01	0.01	0.02	0.02
O_tutsugamushi_str_TH1811	7	84.26	84.63	99.50	99.50	99.50	99.50	0.01	0.01	0.02	0.02	0.02
O_tutsugamushi_str_TH1817	8	84.76	84.88	99.26	99.26	99.26	99.26	99.01	0.01	0.02	0.02	0.02
O_tutsugamushi (Kp47)	9	84.39	84.76	99.01	99.01	99.01	99.01	98.76	99.26	0.02	0.02	0.02
O_tsutsugamushi_str_Sido	10	84.39	84.76	98.39	98.39	98.39	98.64	98.14	97.89	0.02	0.02	0.02
O_tsutsugamushi_str_Boryong	11	84.63	84.76	98.14	98.14	98.14	98.27	98.02	97.89	97.89	0.01	0.01
O_tsutsugamushi (Br47)	12	84.63	84.76	98.14	98.14	98.14	98.14	97.89	98.14	97.77	99.26	0.01

(B)

	1	2	3	4	5	6	7	8	9	10	11
O.chuto_str_Marigat	1	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
O.chuto_Dubai_NR117903	2	99.75	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01
O.tsu_Boryong_AM494475	3	98.50	98.75	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
O.tsu_Kuroki_D38626	4	98.50	98.75	100.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
O.tsu_Karp_NR025860	5	98.50	98.75	100.00	100.00	0.00	0.00	0.00	0.01	0.01	0.01
O.tsu_Kato_D38624	6	98.75	99.00	99.75	99.75	99.75	0.00	0.01	0.01	0.01	0.01
O.tsu_Ikeda_AP008981-RC	7	98.75	99.00	99.75	99.75	99.75	100.00	0.01	0.01	0.01	0.01
O.tsu_TH1817_AF479300	8	98.25	98.50	99.75	99.75	99.75	99.50	99.50	0.00	0.01	0.02
O.tsu_Gilliam_D38622	9	98.00	98.25	99.50	99.50	99.50	99.25	99.25	99.75	0.01	0.01
O.tsu_Kawasaki_D38625	10	97.75	98.00	99.25	99.25	99.25	99.00	99.00	99.00	99.25	0.02
O.tsu_Shimokoshi_D38627	11	98.25	98.50	98.75	98.75	98.75	99.00	99.00	98.50	98.75	98.50

Fig. S4. Pairwise comparison between study OTU (*O. chuto* strain Marigat) and previously published *Orientia* strains. Panel A shows the percent pairwise divergence with the TSA47 gene of the study OTU against other *Orientia* species. The study OTU was closest to what was previously known as *O. tsutsugamushi* strain Chuto. Panel B shows percent pairwise divergence with the 16S rRNA gene of the study OTU against other *Orientia* species. The study OTU was more homologous to *O. chuto* strain Dubai. In both panels, the lower half of the table represents percent identity, while the top half represents Jukes Cantor distances between two sequences.