

**S1 Table. List of *Orientia tsutsugamushi* 56-kDa type-specific antigen gene reference sequences used as local references in Map Reads to Reference analysis.** Analysis was performed using CLC Genomics Workbench.

Isolate name	Isolate host	Location	Year of isolation	Accession no.	Group classified/genotype
Gilliam	Human	Myanmar	2002	DQ485289	Gilliam
Karp	Human	New Guinea	1943	AY956315	Karp/Karp C
Kato	Human	Japan	1955	AY836148	Kato/Kato B
Kawasaki	Human	Japan	1981	M63383	Gilliam/Kawasaki
Kuroki	Human	Japan	1981	M63380	Karp/Boryong
LA-1	<i>Leptotrombidium arenicola</i>	Malaysia	1993	AF173049	Karp/Karp A
TA678	<i>Rattus rattus</i>	Thailand	1963	U19904	Kato/Kato B
TA686	<i>Tupaia glis</i>	Thailand	1963	U80635	Shimokoshi
TA716	<i>Menetes berdmorei</i>	Thailand	1963	U19905	Kato/Kato A
TA763	<i>Rattus rajah</i>	Thailand	1963	U80636	TA763/TA763 A
Taitung-4	Human	Taiwan	2004	AY787232	TA763/TA763 B
TW45R	<i>Rattus losea</i>	Taiwan	1999	AY222632	Karp/Karp A
UT76	Human	Thailand	2003	EF213078	Karp/Karp A
UT177	Human	Thailand	2004	EF213084	Karp/Karp B
UT302	Human	Thailand	2004	EF213095	TA763/TA763 B
UT332	Human	Thailand	2005	EF213083	Karp/Karp A
Young-worl	Human	South Korea	N/A	AF430141	Karp/Saitama