Table S2. Secondary analysis of putative *C. trachomatis* recombinants involving the tryptophan operon identified by RDP4 using Recco.

Sequence name	Start*	End*	Savings^	Aln pv#	Seq pv~	overall p-value	Mutation Cost
B_QH111L	1935	2291	2	1	0.23077	1	12
B_QH111L	107	245	1	1	0.93507		11
I_UK913341	246	314	2	1	0.2997	1	10
I_UK913341	332	531	2	1	0.2997		10
I_UK913341	2472	2473	0.4	1	1		9.2

*Range of nucleotide positions where a recombination breakpoint could occur.
^Amount of mutation cost saved by introducing this recombination.
#p-value of this recombination event regarding savings distribution over the entire alignment - a very conservative measure for recombination.
~p-value of this recombination event regarding savings distribution over recombinant.