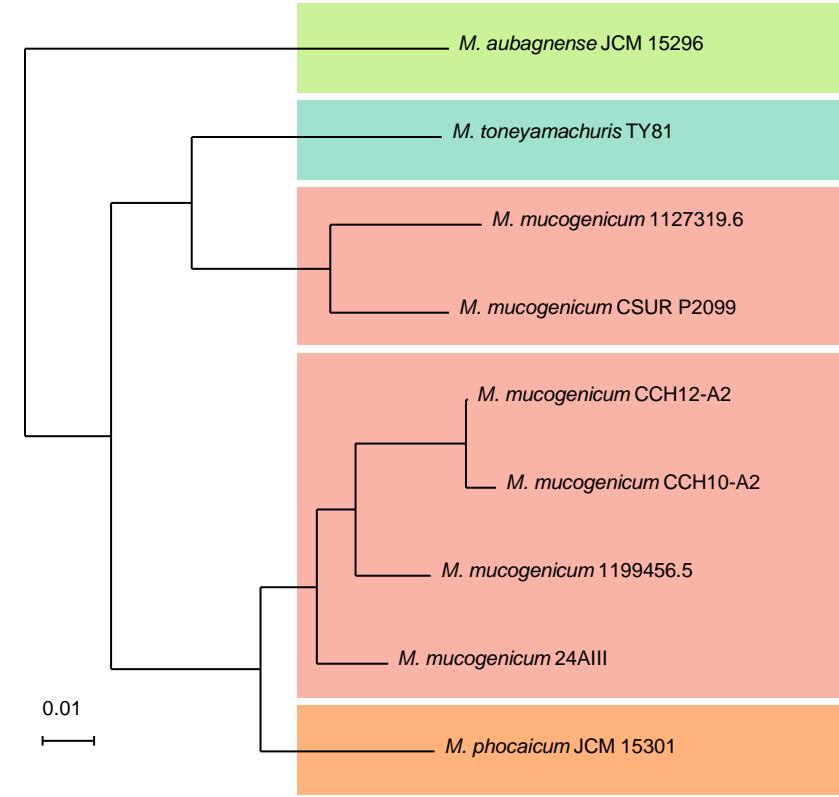


Supplementary Figure 1. Whole genomic comparison of *M. toneyamachuris* and *M. mucogenicum* group. A) Mutual similarity using average nucleotide identity. B) Phylogenetic tree generated by core genome consisting of 455 genes.

A

	<i>M. toneyamachuris</i> TY81	<i>M. mucogenicum</i> 1127319.6	<i>M. mucogenicum</i> CSUR P2099	<i>M. mucogenicum</i> CCH12-A2	<i>M. mucogenicum</i> CCH10-A2	<i>M. mucogenicum</i> 1199456.5	<i>M. mucogenicum</i> 24AII	<i>M. phocaicum</i> JCM 15301	<i>M. aubagnense</i> JCM 15296
<i>M. toneyamachuris</i> TY81	100	93.4	93.3	93.3	93.1	93.4	93.6	92.7	88.5
<i>M. mucogenicum</i> 1127319.6	93.5	100	96.9	92.2	92.1	92.3	92.3	91.9	88.4
<i>M. mucogenicum</i> CSURP 2099	93.3	96.8	100	92.1	92.1	92.2	92.3	91.8	88.5
<i>M. mucogenicum</i> CCH12-A2	93.4	92.2	92.2	100	99.9	97.0	97.0	95.4	88.6
<i>M. mucogenicum</i> CCH10-A2	93.3	92.2	92.2	99.9	100	97.0	96.9	95.3	88.6
<i>M. mucogenicum</i> 1199456.5	93.4	92.4	92.3	97.0	96.9	100	96.8	95.5	88.6
<i>M. mucogenicum</i> 24AII	93.5	92.2	92.3	97.0	96.8	96.9	100	95.4	88.6
<i>M. phocaicum</i> JCM 15301	92.8	91.8	91.8	95.4	95.3	95.5	95.4	100	88.6
<i>M. aubagnense</i> JCM 15296	88.6	88.6	88.6	88.7	88.6	88.6	88.8	88.6	100

B



Supplementary Figure 2. The colony formation of TY81 on Tryptic Soy Agar at 30 ° C at day 7.
Scale bar indicates 2 mm.

