

Table S1. Primers used in the present study.

Primer name	Sequence ^a (5' to 3')	Target gene ^b
<i>mgtC</i> -UF	cggcccgggtatatctttgagctgtgcatcccaa	Upstream fragment of <i>mgtC</i>
<i>mgtC</i> -UR	actcgtcaggccggagtaatgacatgattctctccatga	Upstream fragment of <i>mgtC</i>
<i>mgtC</i> -DF	tcatgtcattaactccggcctgacgagtcattaattaagcg	Downstream fragment of <i>mgtC</i>
<i>mgtC</i> -DR	cggggtaccgcataacgcttctctttaattca	Downstream fragment of <i>mgtC</i>
<i>YPTS_2313</i> -UF	cggggtaccagattcccttttgcttgattca	Upstream fragment of <i>YPTS_2313</i>
<i>YPTS_2313</i> -UR	ctgtctccaactcaatgggggattcgcttcctcagtggtctatt	Upstream fragment of <i>YPTS_2313</i>
<i>YPTS_2313</i> -DF	aatagaacactgaggaacgaatccccattgagttggagacag	Downstream fragment of <i>YPTS_2313</i>
<i>YPTS_2313</i> -DR	cggcccgggcaacgcgacggcttggtcaata	Downstream fragment of <i>YPTS_2313</i>
<i>YPTS_3071</i> -UF	cggggtacccttccaaaactttagcgacttc	Upstream fragment of <i>YPTS_3071</i>
<i>YPTS_3071</i> -UR	acaaactctgaggatttgaaaggcgccccagaggtgtatca	Upstream fragment of <i>YPTS_3071</i>
<i>YPTS_3071</i> -DF	tgatacaacctctgggggcgaccttcaaatcctcagagtttgt	Downstream fragment of <i>YPTS_3071</i>
<i>YPTS_3071</i> -DR	cggcccgggtatgagatgccttgctgtcga	Downstream fragment of <i>YPTS_3071</i>
<i>mgtC</i> -F	cggggatccctcgacggtaaatgtcgagggtatta	<i>mgtC</i> containing the promoter region
<i>mgtC</i> -R	cggggtaccactcgtcaggccggaattcagatg	<i>mgtC</i> containing the promoter region

<i>YPTS_2313</i> -F	cg <u>ggaattc</u> attaattttgagatccactgtct	<i>YPTS_2313</i> containing the promoter region
<i>YPTS_2313</i> -R	cgga <u>agctt</u> ctatttagccgctggtgctac	<i>YPTS_2313</i> containing the promoter region
<i>YPTS_3071</i> -F	cg <u>ggaattc</u> atccgctattcaggataaggc	<i>YPTS_3071</i> containing the promoter region
<i>YPTS_3071</i> -R	cgga <u>agctt</u> ttatgctgcgggtgccgctact	<i>YPTS_3071</i> containing the promoter region
RT- <i>rpoD</i> -F	cgatgcacccgtgaacgta	<i>rpoD</i>
RT- <i>rpoD</i> -R	aatcgtcgaggaagctacgc	<i>rpoD</i>
RT- <i>mgtC</i> -F	taaatctatgcctgctgttga	<i>mgtC</i>
RT- <i>mgtC</i> -R	gctttgtggtctgggtttgtac	<i>mgtC</i>
RT- <i>YPTS_2313</i> -F	taacgcatcagctaaaaccatg	<i>YPTS_2313</i>
RT- <i>YPTS_2313</i> -R	tggtatgtgccgctttatggt	<i>YPTS_2313</i>
RT- <i>YPTS_0225</i> -F	catggttgagcctggcggacat	<i>YPTS_0225</i>
RT- <i>YPTS_0225</i> -R	ccctgacctgtaaggcactcg	<i>YPTS_0225</i>
RT- <i>YPTS_0224</i> -F	tgatggcactgtcgatcctttc	<i>YPTS_0224</i>
RT- <i>YPTS_0224</i> -R	ctgccgcaacaaccgataact	<i>YPTS_0224</i>
RT- <i>YPTS_0091</i> -F	atggcggaatgactgtttcaa	<i>YPTS_0091</i>
RT- <i>YPTS_0091</i> -R	tccaactggcaggatatctctc	<i>YPTS_0091</i>

RT- <i>YPTS_3071</i> -F	ctttagtttgagcagcaacagt	<i>YPTS_3071</i>
RT- <i>YPTS_3071</i> -R	ccaccctgggtctatcttcagt	<i>YPTS_3071</i>
RT- <i>YPTS_0907</i> -F	ggaagacatggtattaagcgagat	<i>YPTS_0907</i>
RT- <i>YPTS_0907</i> -R	ccagattgccagttgccagata	<i>YPTS_0907</i>
RT- <i>YPTS_1642</i> -F	attggcgttaccatcgaagtct	<i>YPTS_1642</i>
RT- <i>YPTS_1642</i> -R	cactgctattcaggcgagatt	<i>YPTS_1642</i>
RT- <i>YPTS_3843</i> -F	caactcagcggcggataggt	<i>YPTS_3843</i>
RT- <i>YPTS_3843</i> -R	tggcagatacgggtgatggacgt	<i>YPTS_3843</i>
RT- <i>YPTS_2011</i> -F	gccgcacgctgttacggtctc	<i>YPTS_2011</i>
RT- <i>YPTS_2011</i> -R	gtgtccgctgaagcaaggtca	<i>YPTS_2011</i>
RT- <i>YPTS_3842</i> -F	tcgcaatctgaggtcaataaatc	<i>YPTS_3842</i>
RT- <i>YPTS_3842</i> -R	tatgggcggtaaggtagtg	<i>YPTS_3842</i>

a Underlining indicates restriction endonuclease recognition sequences.

b Y. pseudotuberculosis locus tags listed are for genes in Y. pseudotuberculosis PB1+.

