

**Table S2: Primers used in this study, related to experimental procedures.**

	<b>Name</b>	<b>Sequence</b>	<b>Description</b>
1	<i>legK2</i> <sub>K112M</sub> <sup>-</sup> sens	CCCAAAGAGAATATACTGATGGTTTTATATCAAAATTTTAGTAATGTCG	<i>legK2</i> mutagenesis
2	<i>legK2</i> <sub>K112M</sub> <sup>-</sup> rev	CGACATTACTAAAATTTTGATATAAAAACCATCAGTATATTCTCTTTGGG	<i>legK2</i> mutagenesis
3	<i>legK2</i> <sub>D209N</sub> <sup>-</sup> sens	CATAACAAAGGCTACGCCCATGGCAATTTAACTTTCAAAAATATTTTATA	<i>legK2</i> mutagenesis
4	<i>legK2</i> <sub>D209N</sub> <sup>-</sup> rev	TATAAAATATTTTTGAAAGTTAAATTGCCATGGGCGTAGCCTTTGTTATG	<i>legK2</i> mutagenesis
5	GW5- <i>legK1</i>	GGGGACAACCTTTGTACAAAAAAGTTGGCATGCCTCGTACAATGTTTTTTTCC	<i>legK1</i> insertion in donor vector
6	GW3- <i>legK1</i>	GGGGACAACCTTTGTACAAGAAAGTTGGTTACTCAGCCACTAACCATAAGGC	<i>legK1</i> insertion in donor vector
7	GW5- <i>legK2</i>	GGGGACAACCTTTGTACAAAAAAGTTGGCATGGTTTATTACATAAATTTGAAGG	<i>legK2</i> insertion in donor vector
8	GW3- <i>legK2</i>	GGGGACAACCTTTGTACAAGAAAGTTGGTTAGCTTGGGCCTCGCATC	<i>legK2</i> insertion in donor vector