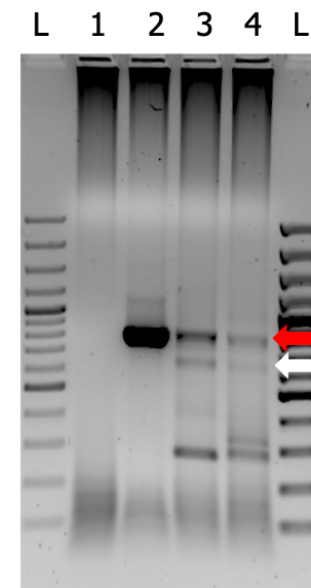


A**B**

V L T N

gttttacaaacttcttttaaacatttttttctactttttctag**GTTCTAACCAAC**
 P P L L F **C D E P T** S G L D S Y M A
CCACCTCTGCTATTTTGCGATGAACCCACCTCAGGTCTGGACTCCTACATGGCG
 Q N V V S V L K S L A N K F K T L I
CAAAACGTTGTCAGTGTCTCTGAAATCACTGGCCAATAAGGGAAAAACGCTGATT
 C T **I H Q P** S S E V Y A M F D K I L
TGCACCATTACCAACCGTCTTCTGAGGTCTACGCCATGTTTGATAAGATTCTG
 L M A E G R V A F L G S L D Q A T D
TTGATGGCTGAGGGCAGAGTCGCTTTCTTAGGGTCCTTGGATCAGGCTACAGAC
 F F R
TTTTTTAGAACgtgagtaccacatctttttttaattcaaacgatcaaatttac

C**D**

Wt	1	GTTCTGCCTCTAGAACATATTTTAAAAAGTTTACAACTTCTTTTAAACATTTTTTTCT
Pmw KO1	1	GTTCTGCCTCTAGAACATATTTTAAAAAGTTTACAACTTCTTTTAAACATTTTTTTCT
Pmw KO2	1	GTTCTGCCTCTAGAACATATTTTAAAAAGTTTACAACTTCTTTTAAACATTTTTTTCT
Wt	61	ACTTTTCTAGGTTCTAACCAACCCACCTCTGCTATTTTGCGATGAACC CACCTCAGGTCT
Pmw KO1	61	ACTTTTCTAGGTTCTAACCAACCCACCTCTGC -----
Pmw KO2	61	ACTTTTCTAGGTTCTAACCAACCCACCTCTGC -----
Wt	121	GGACTCCTACATGGCGCAAAACGTTGTCAGTGTCTCTGAAATCACTGGCCAATAAGGGAAA
Pmw KO1	93	-----
Pmw KO2	93	-----
Wt	181	AACGCTGATTTGCACCATTACCAACCGTCTTCTGAGGTCTACGCCATGTTTGATAAGAI
Pmw KO1	93	-----
Pmw KO2	93	-----
Wt	241	TCTGTTGATGGCTGAGGGCAGAGTCGCTTTCTTAGGGTCCTTGGATCAGGCTACAGACTT
Pmw KO1	93	----- CTTAGGGTCCTTGGATCAGGCTACAGACTT
Pmw KO2	93	----- TTAGGGTCCTTGGATCAGGCTACAGACTT
Wt	301	TTTTAGAACGTGAGTACCACATCTTTTTTTTAAATTCAAACGATCAAATTTACTAATCGAA
Pmw KO1	123	TTTTAGAACGTGAGTACCACATCTTTTTTTTAAATTCAAACGATCAAATTTACTAATCGAA
Pmw KO2	122	TTTTAGAACGTGAGTACCACATCTTTTTTTTAAATTCAAACGATCAAATTTACTAATCGAA