

Table S1. Oligonucleotides used in this work

Oligo name	Gene	Use	Base Pair Sequence
P297A	<i>MSL2</i>	site directed mutagenesis	CATGCAACCCGGGCATTTGTTTTGAATGAGTGGATTG
P297A-GC	<i>MSL2</i>	site directed mutagenesis	GAATCCACTCATTCAAACAAATGCCCGGGTTGCATG
V273S	<i>MSL2</i>	site directed mutagenesis	GCTGGAGGTCTTGGGACAAGTTTGATTACTCTTGCTGGCCG
V273S-GC	<i>MSL2</i>	site directed mutagenesis	CGGCCAGCAAGAGTAATCAAACCTTGCCCAAGACCTCCAGC
L277S	<i>MSL2</i>	site directed mutagenesis	GGTCTTGGGACAGTTTTGATTACTAGTGCTGGCCGAGAG
L277S-GC	<i>MSL2</i>	site directed mutagenesis	CTCTCGGCCAGCACTAGTAATCAAACCTTGCCCAAGACC
VL2S	<i>MSL2</i>	site directed mutagenesis	GGTCTTGGGACAAGTTTGATTACTAGTGCTGGCCGAGAG
VL2S-GC	<i>MSL2</i>	site directed mutagenesis	CTCTCGGCCAGCACTAGTAATCAAACCTTGCCCAAGACC
PNN2A	<i>MSL2</i>	site directed mutagenesis	CACATCGCAGCCCATAAGTTCACAGTTAATGTCGTGAGAGCTCTTACTC
PNN2A-GC	<i>MSL2</i>	site directed mutagenesis	GAGTAAGAGCTCTCACGACATTAACCTGTGAACTTATGGGCTGCGATGTG
Actin.F2	<i>ACTIN</i>	RT-PCR	TACGCCAGTGGTCGTACAAC
Actin.R2	<i>ACTIN</i>	RT-PCR	TGTGAGACACACCATCACCAGA
10490.F3	<i>MSL2</i>	RT-PCR	GAGAACAACCTCCAATCGAAGAAGAGATAC
10490.R2	<i>MSL2</i>	RT-PCR	CGGCTCGGTTGAAGCACC
GFP_UP	<i>GFP</i>	RT-PCR	CTCGCCGGACACGCTGAACTTGT