

Supplementary Table 6. Ten sex-associated genes harboring CsDMCs

10 sex-associated genes harboring CsDMCs	CsDMCs location (contig, position)	Gene regions where containing CsDMCs	samples comparing to female ones
<i>CpARR5</i> (evm.TU.supercontig_35.27)	supercontig_35 582774	downstream	hypo
<i>CpACP4</i> (evm.TU.supercontig_16.107)	supercontig_16 1650440	downstream	hypo
	supercontig_16 1650483	downstream	hypo
	supercontig_16 1650494	downstream	hypo
	supercontig_16 1650702	introns_3	hyper
	supercontig_16 1650965	introns_3	hypo
<i>CpAPE2</i> (evm.TU.supercontig_27.1)	supercontig_27 3873	promoter	hypo
	supercontig_27 3879	promoter	hypo
	supercontig_27 3894	promoter	hypo
	supercontig_27 3896	promoter	hypo
	supercontig_27 3916	promoter	hypo
<i>CpGsSRK</i> (evm.TU.supercontig_12.8)	supercontig_12 35657	downstream	hypo
<i>CpMAGL4</i> (evm.TU.supercontig_3.339)	supercontig_3 2346636	downstream	hyper
	supercontig_3 2346663	downstream	hyper
	supercontig_3 2346896	downstream	hypo
	supercontig_3 2349395	introns_3	hypo
	supercontig_3 2349563	introns_3	hypo
	supercontig_3 2349585	introns_3	hypo
	supercontig_3 2351055	introns_3	hyper
<i>CpNB-ARC</i> (evm.TU.supercontig_27.143)	supercontig_27 1577031	promoter	hypo
	supercontig_27 1577296	promoter	hyper
	supercontig_27 1577333	promoter	hyper
<i>CpSBT3.3</i> (evm.TU.supercontig_285.9)	supercontig_285 65031	exons_4	hypo
<i>CpTFIID</i> (evm.TU.supercontig_14.189)	supercontig_14 2119080	exons_1	hypo
<i>CpTLC</i> (evm.TU.supercontig_99.8)	supercontig_99 114934	downstream	hyper
	supercontig_99 118204	promoter	hypo
<i>CpUNC</i> (evm.TU.supercontig_14.197)	supercontig_14 2180370	downstream	hypo