

**S5 Table. Loci of differential DNA methylation in coding regions of clonal *Populus trichocarpa* derived from two short rotation forestry sites (Anderlingen vs. Wallstawe).**

differentially methylated gene ID	annotation	differentially methylated coding region	higher methylation level site	cytosine context
<i>POPTR_0008s20220</i>	putative histidine-containing phosphotransfer protein 2	promoter	Anderlingen	CpG
<i>POPTR_0010s11680</i>	non-repetitive/WGA-negative nucleoporin family protein	gene body	Anderlingen	CHH
<i>POPTR_0012s04860</i>	chaperonin family protein	gene body	Anderlingen	CpG
<i>POPTR_0017s02120</i>	zinc finger family protein	promoter	Anderlingen	CHH
<i>POPTR_0017s14590</i>	T3/T7-like RNA polymerase	gene body	Anderlingen	CHG & CHH
<i>POPTR_0018s14780</i>	vacuolar protein sorting-associated protein 26	promoter	Anderlingen	CHH