

Table S4 *Trans* meth-QTL interval genes*Odfp2*

Gene type	Number in 2- LOD interval	Number detected in RNA-seq data set	Number that are differentially expressed	Number containing non- synonymous variants or SNPs ^a
microRNAs	0	n/a ^b	n/a	n/a
miscellaneous RNAs	2	No reads obtained	n/a	1
protein coding genes	7	7	3	4
pseudogenes	1	1	0	0
rRNAs	0	n/a	n/a	n/a
snoRNAs	2	No reads obtained	n/a	0
snRNAs	1	No reads obtained	n/a	1
Total	13	8	3	6

Asap2

Gene type	Number in 2- LOD interval	Number detected in RNA-seq data set	Number that are differentially expressed	Number containing non- synonymous variants or SNPs ^a
microRNAs	4	2	1	2
miscellaneous RNAs	2	No reads obtained	n/a	2
protein coding genes	157	131	64	44
pseudogenes	2	1	0	0
rRNAs	4	2	0	0
snoRNAs	4	2	0	1
snRNAs	10	1	0	0
Total	183	139	65	49

a) Non-synonymous variants in protein coding genes, (SNPs) Single nucleotide polymorphisms in non-protein coding genes.

b) (n/a) not available