**Table S6. KEGG analysis of the overlap genes of DEGs and DMRs in gene bodies in ‘Haishun2’ tea mutant**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term | ID | Overlap genes number | Background number | P-value |
| Biosynthesis of secondary metabolites | vvi01110 | 12 | 1182 | 0.030 |
| Pantothenate and CoA biosynthesis | vvi00770 | 2 | 28 | 0.087 |
| Biosynthesis of amino acids | vvi01230 | 4 | 225 | 0.097 |
| Porphyrin and chlorophyll metabolism | vvi00860 | 2 | 45 | 0.097 |
| Phenylalanine, tyrosine and tryptophan biosynthesis | vvi00400 | 2 | 49 | 0.097 |