|  |  |
| --- | --- |
| Gene name | annotation |
| *ASCL1* | Long chain fatty acid CoA ligase 1 |
| *TPN1* | Vitamin B6 transporter |
| *PAL1* | Phenylalanine ammonia-lyase |
| *MUG72* | Meiotically up-regulated gene 72 protein |
| *GMT1* | GDP-mannose transporters |

**Table S4.** Functional annotation of module core genes