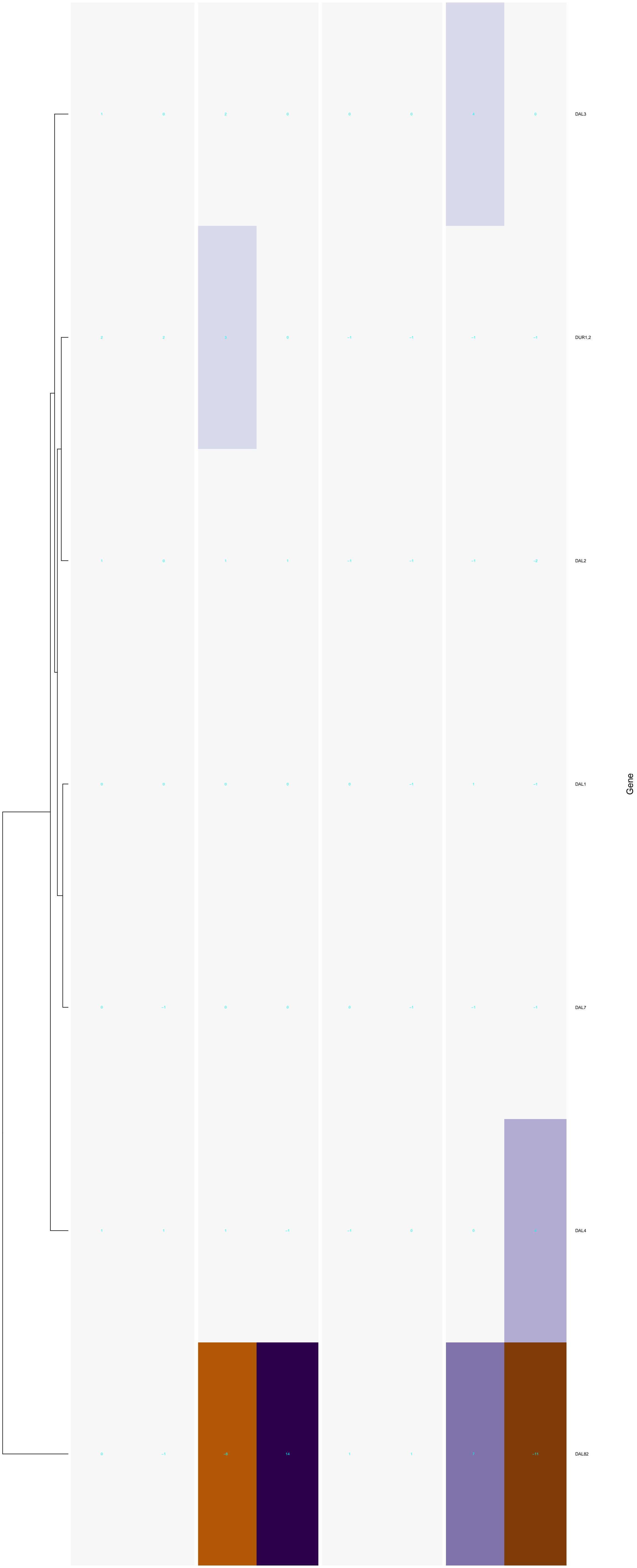
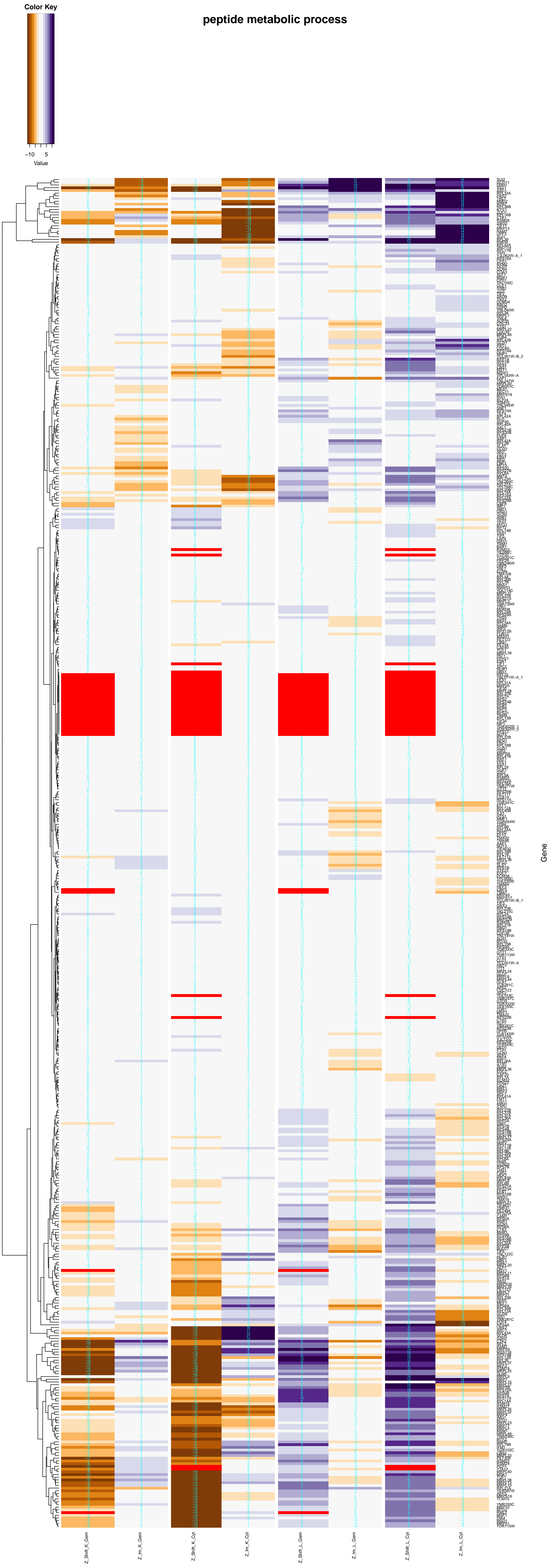
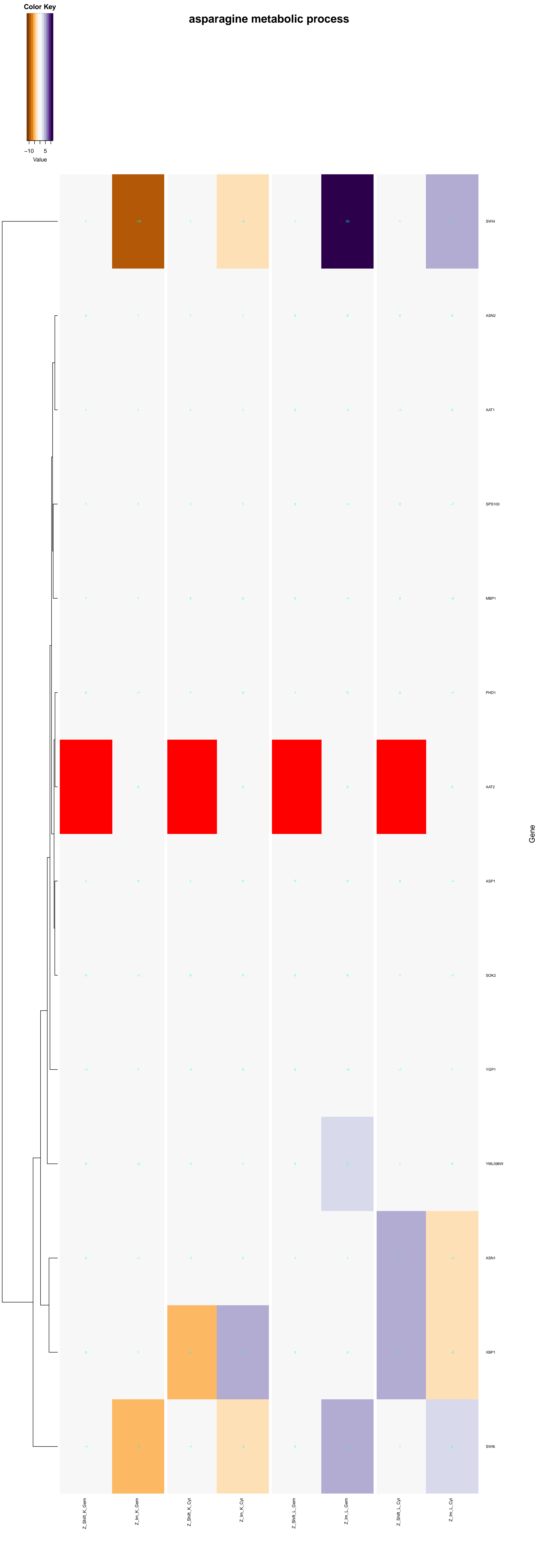


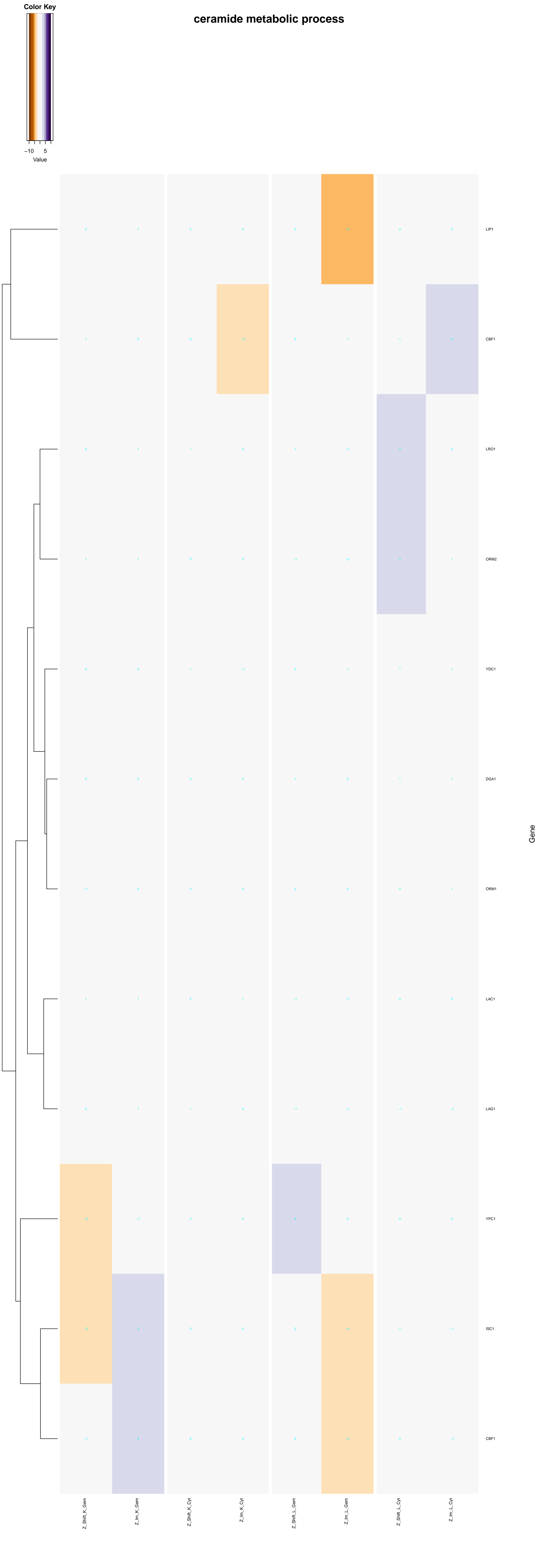
allantoin metabolic process

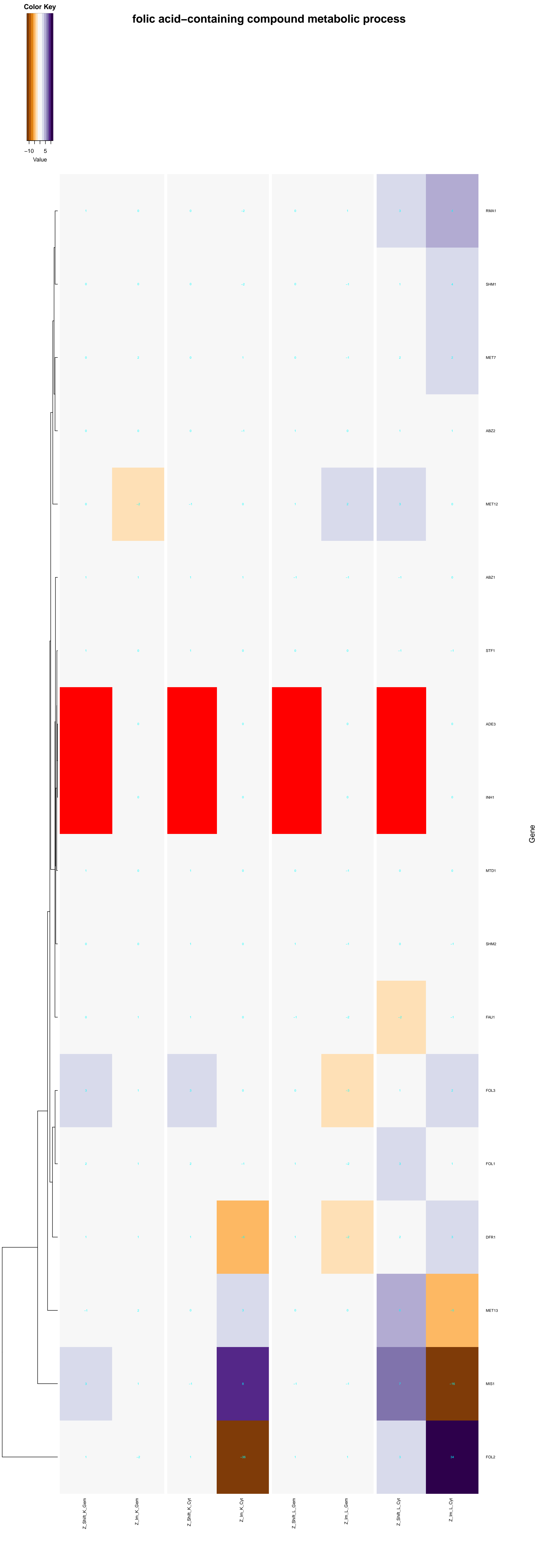


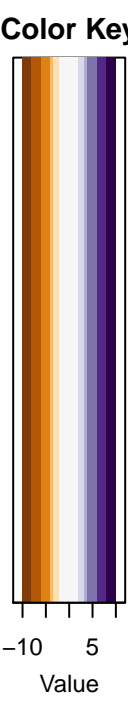


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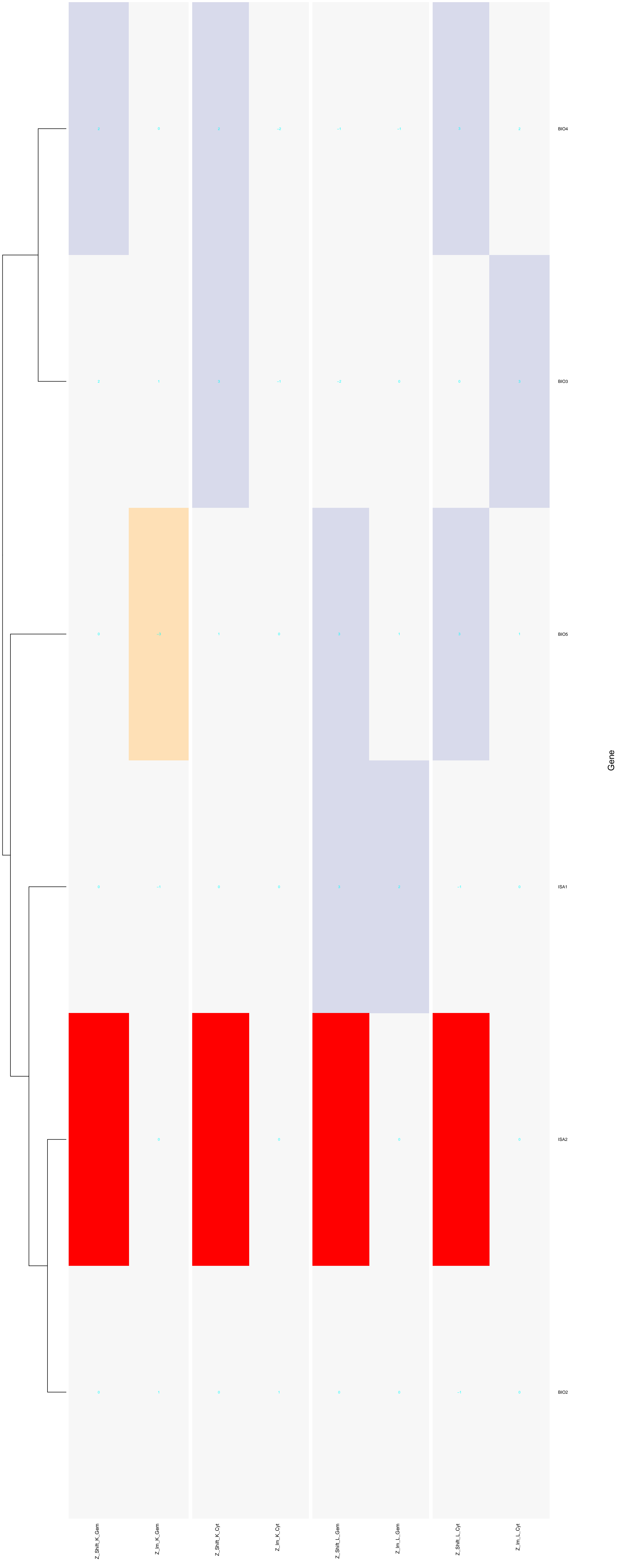


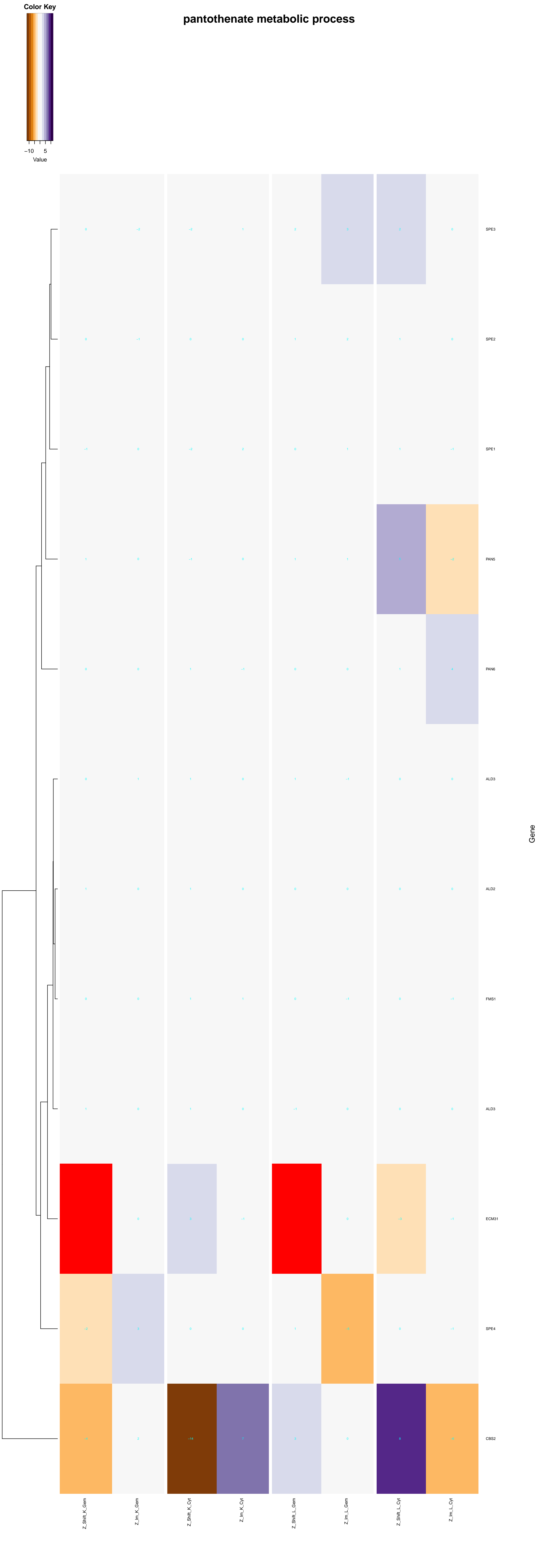






biotin metabolic process

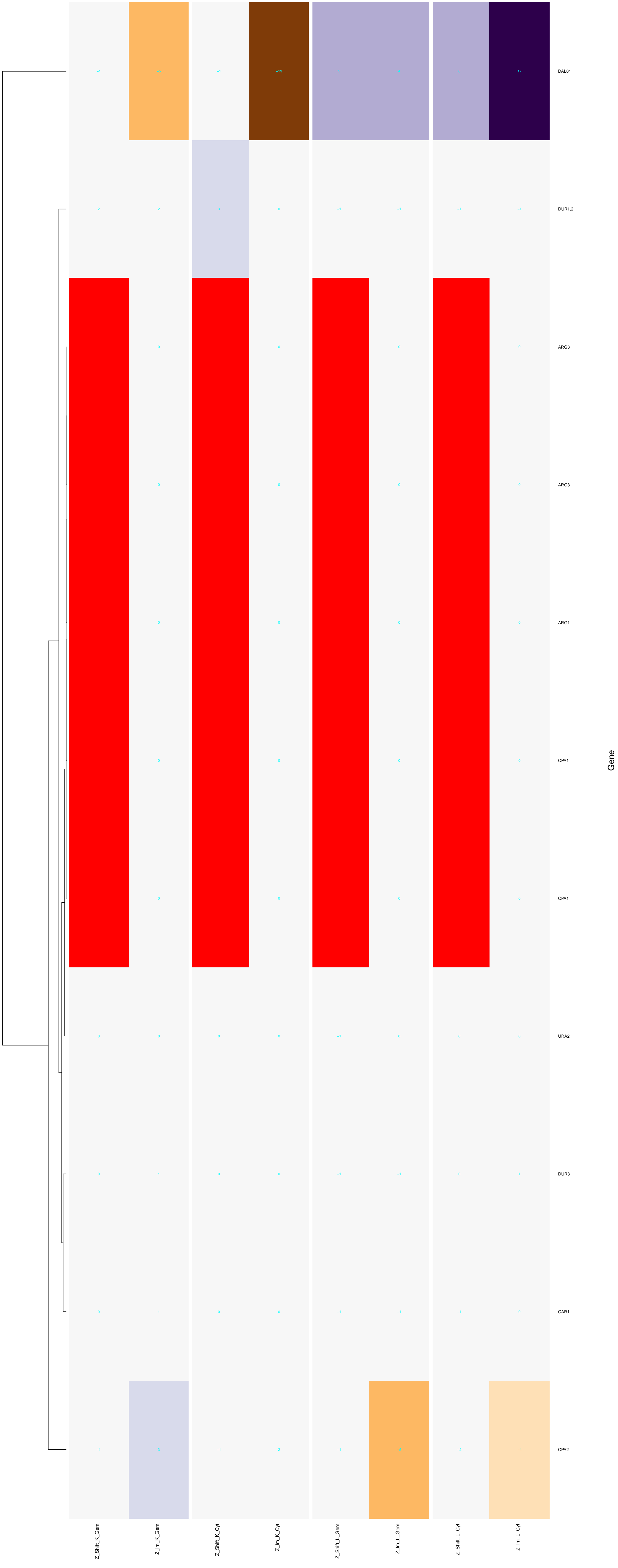


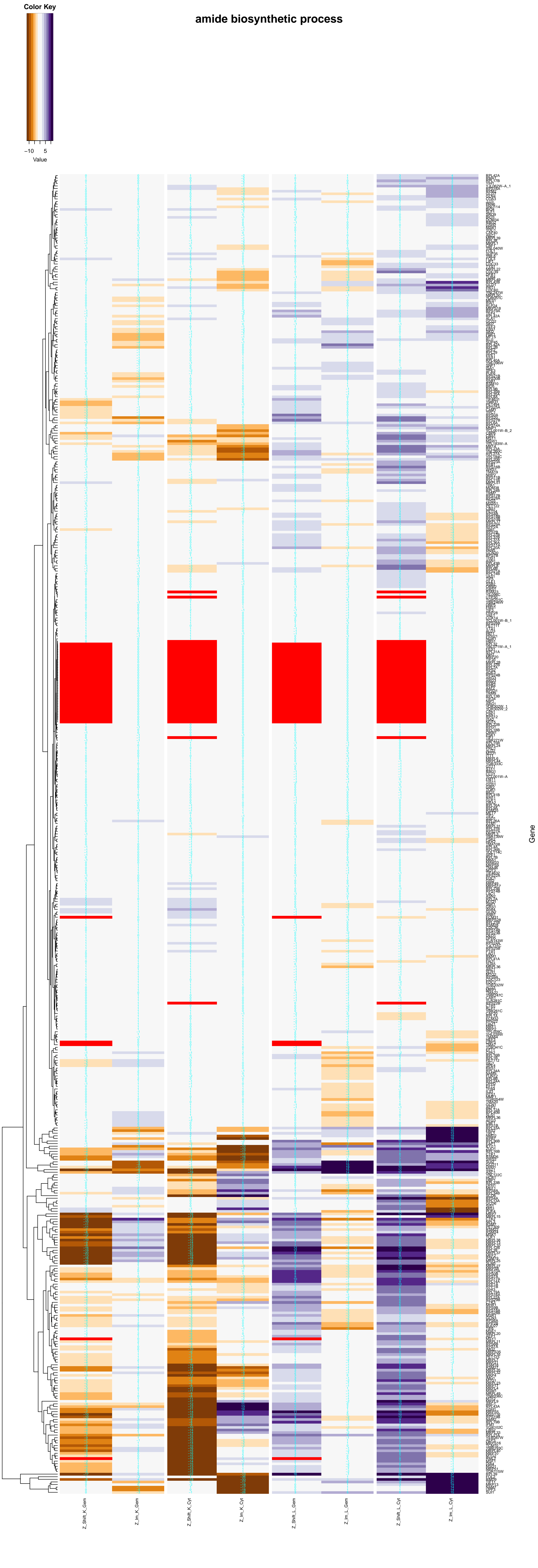


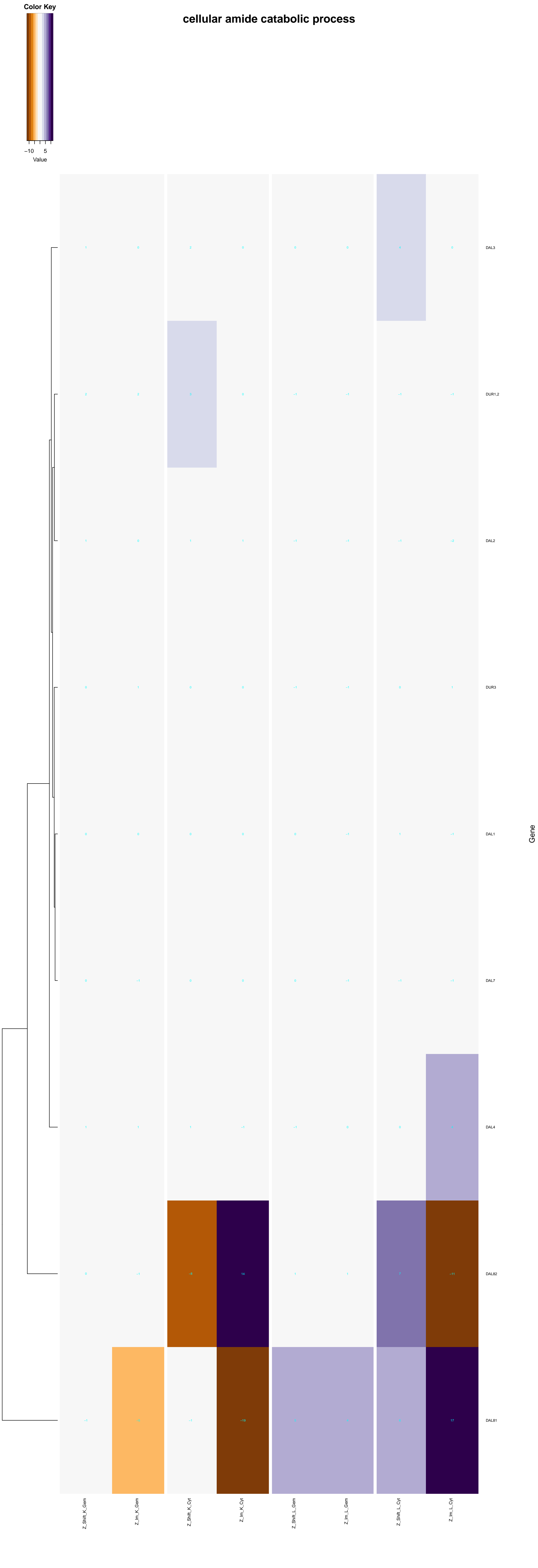


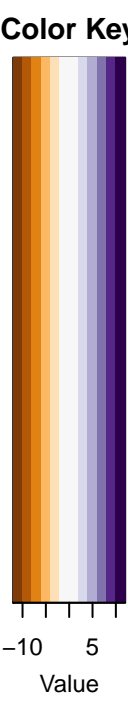


urea metabolic process

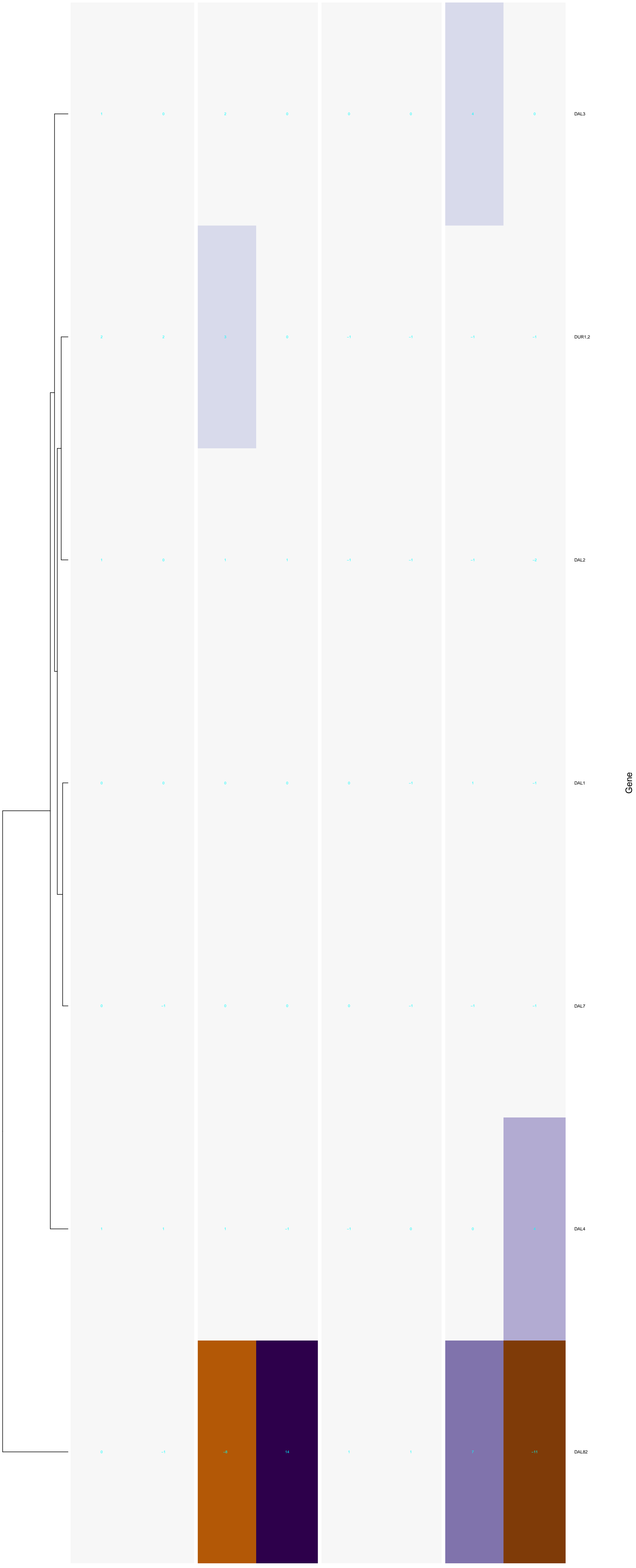


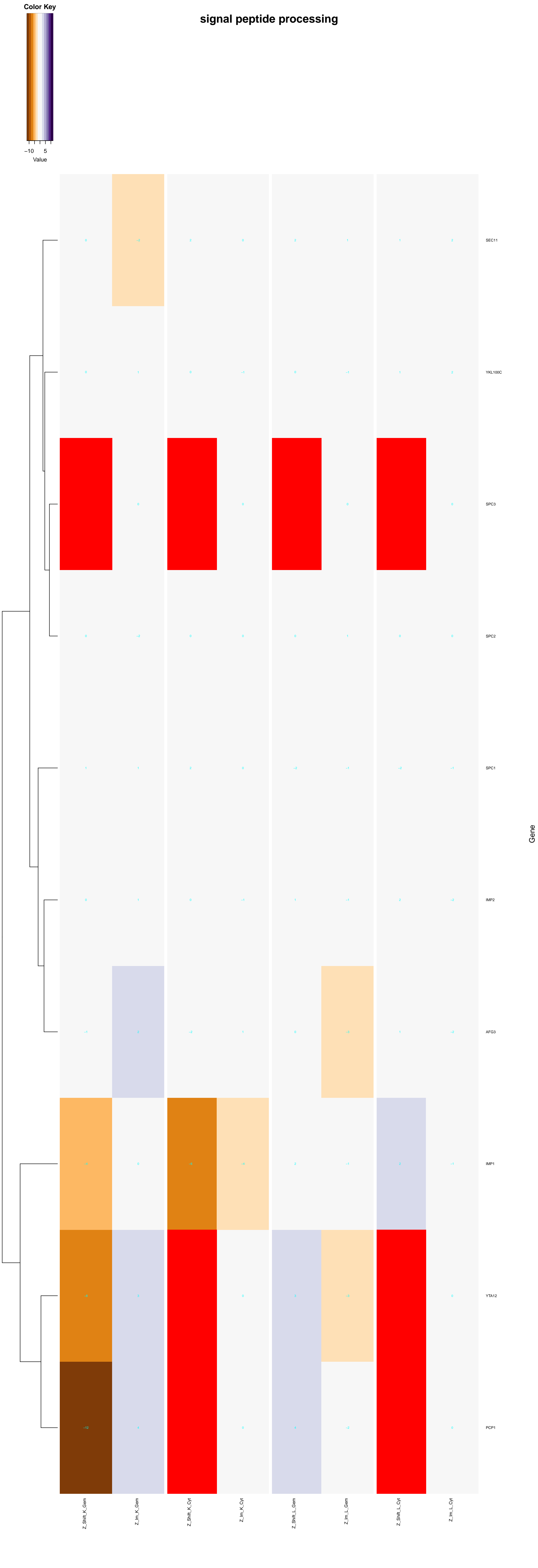


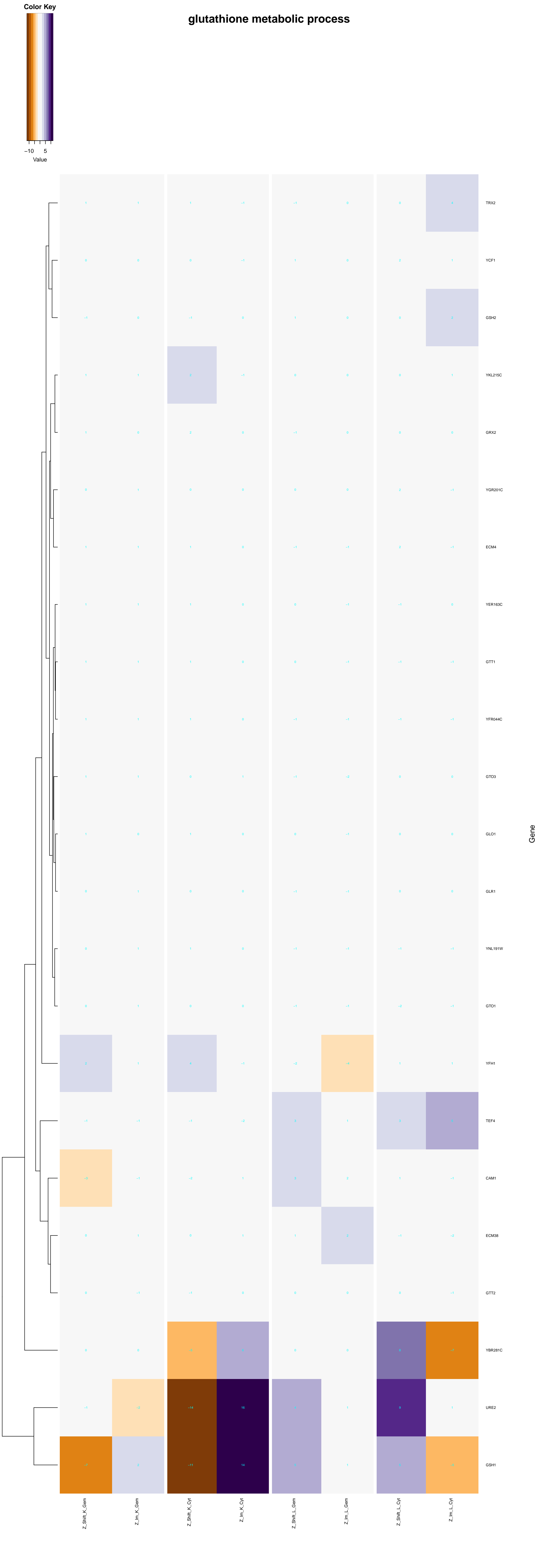


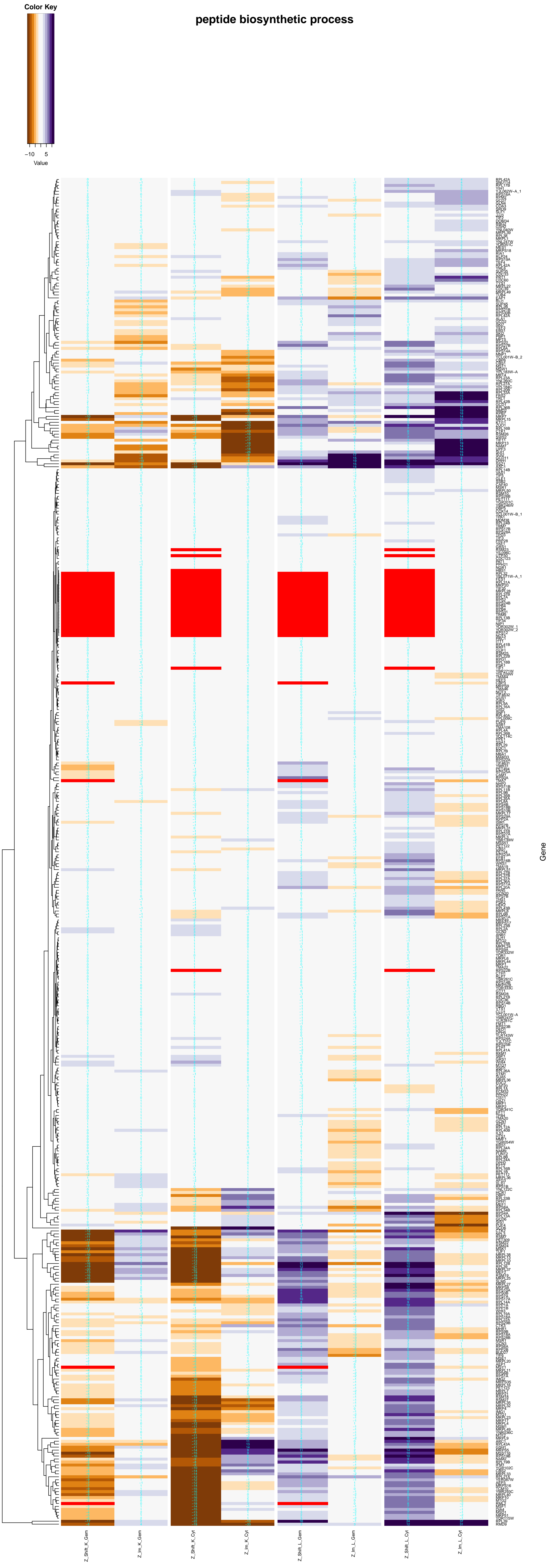


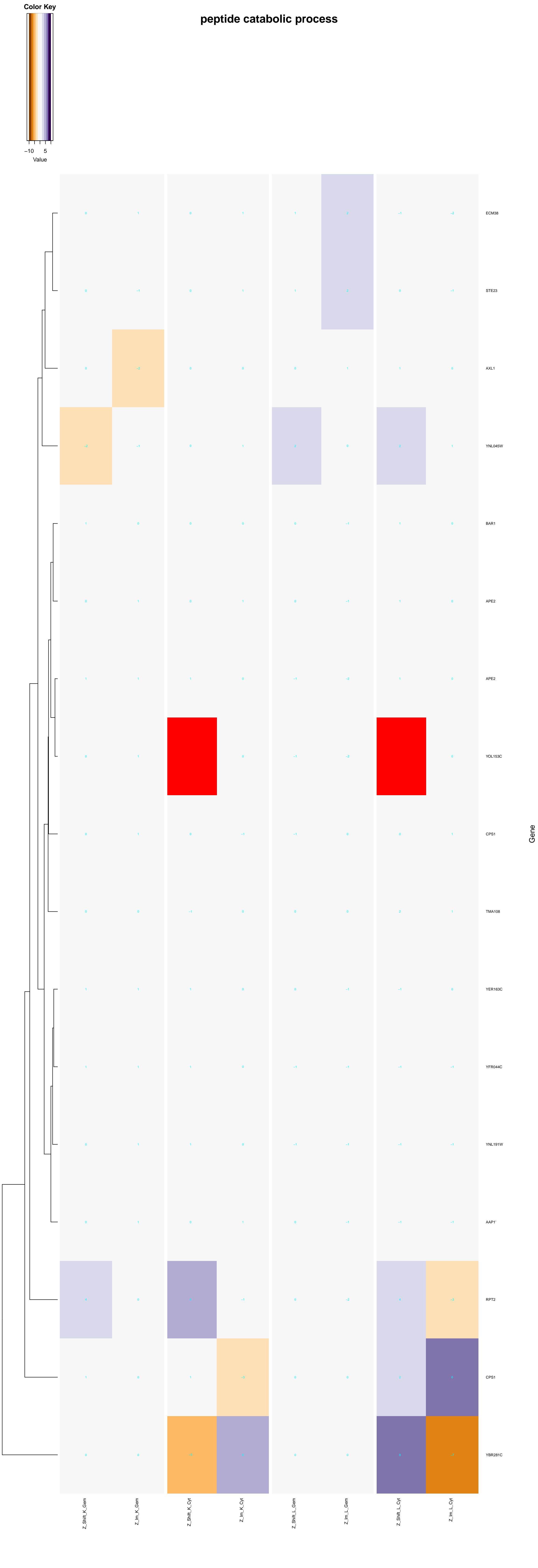
allantoin catabolic process



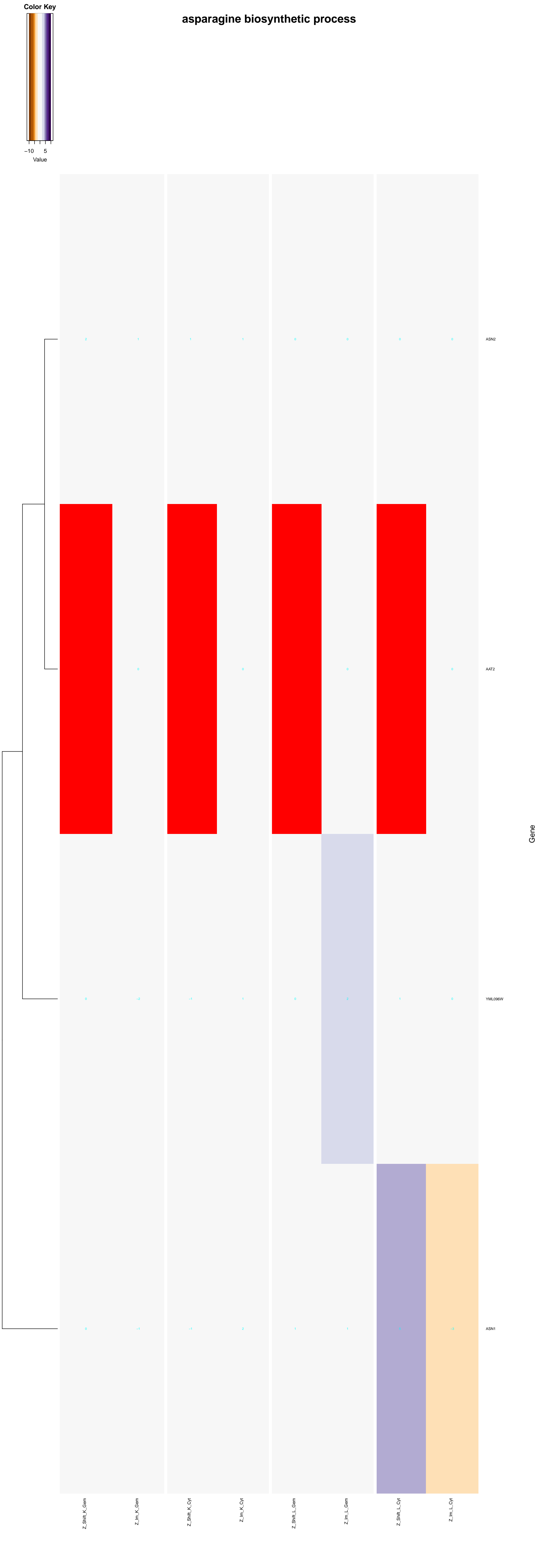


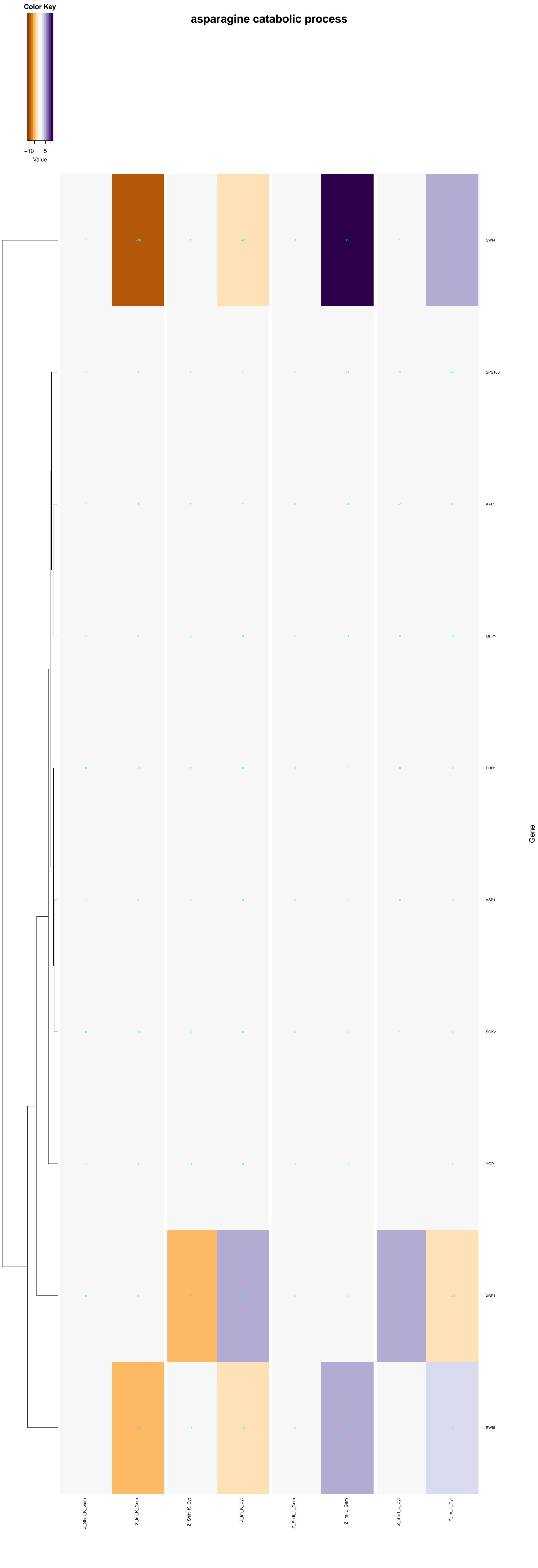


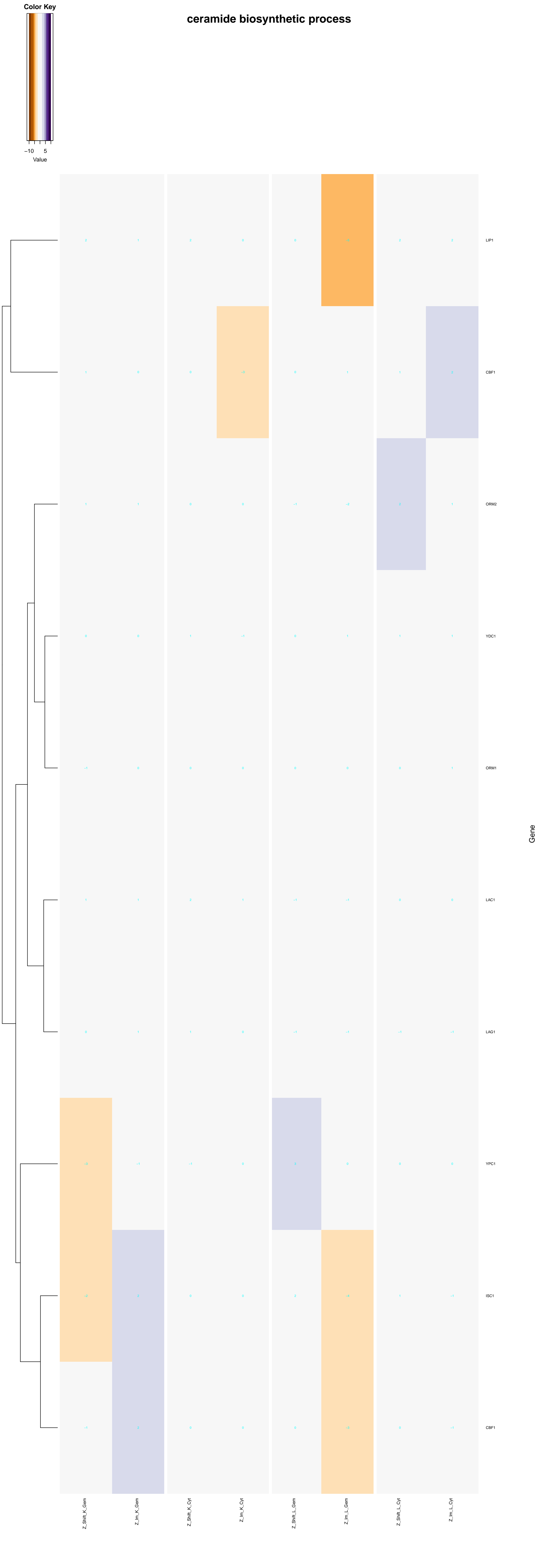


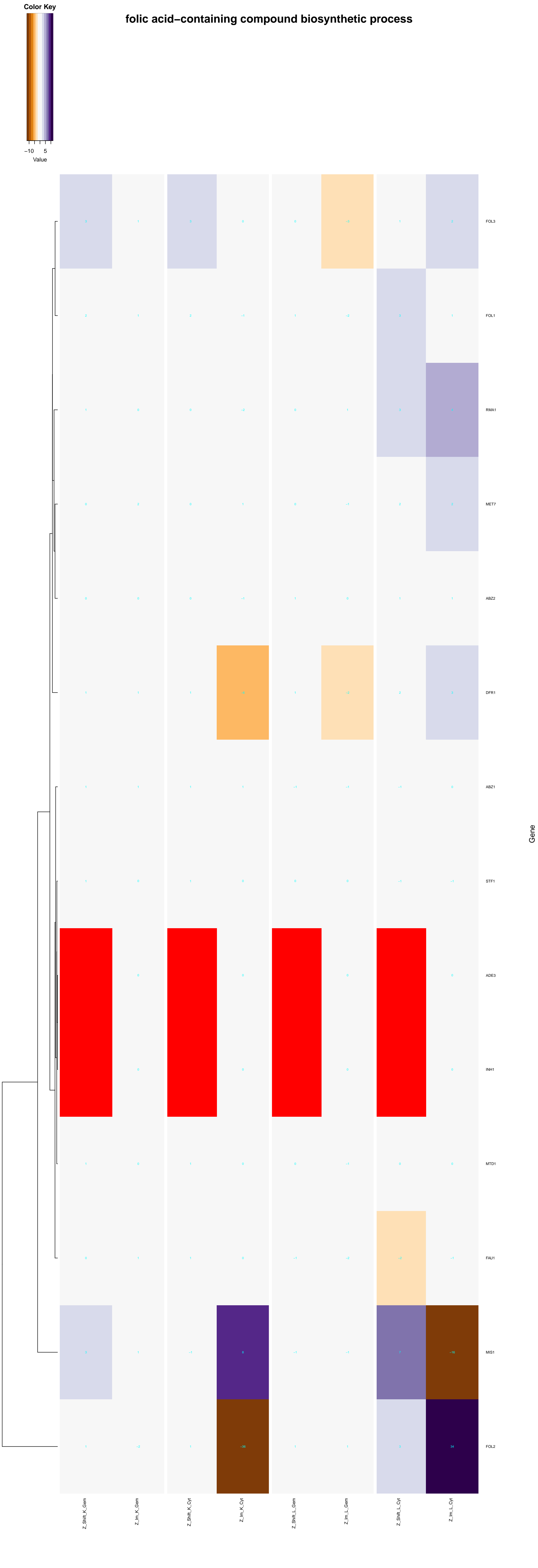


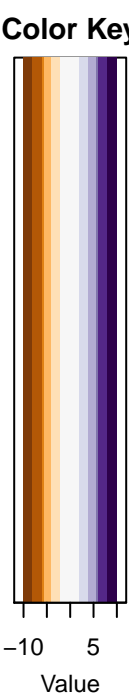




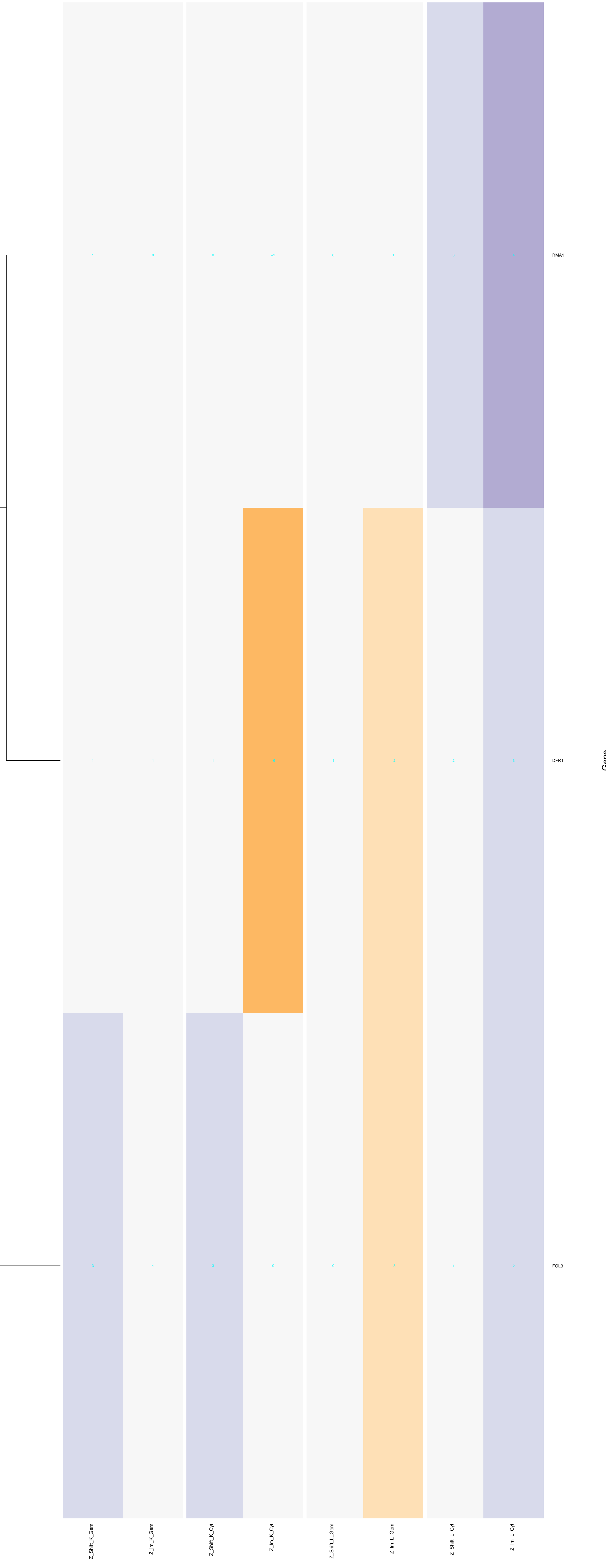


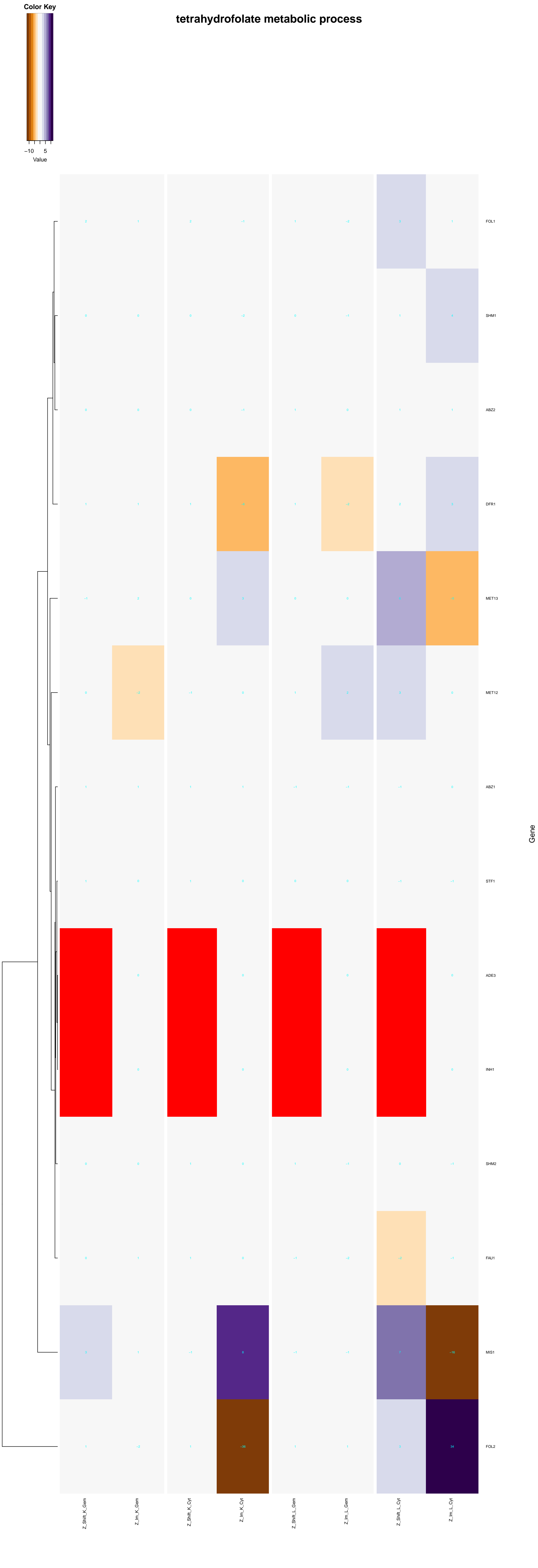


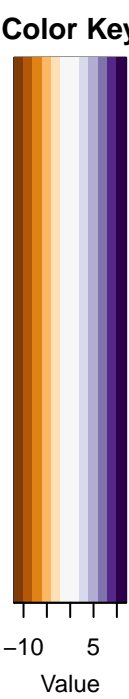




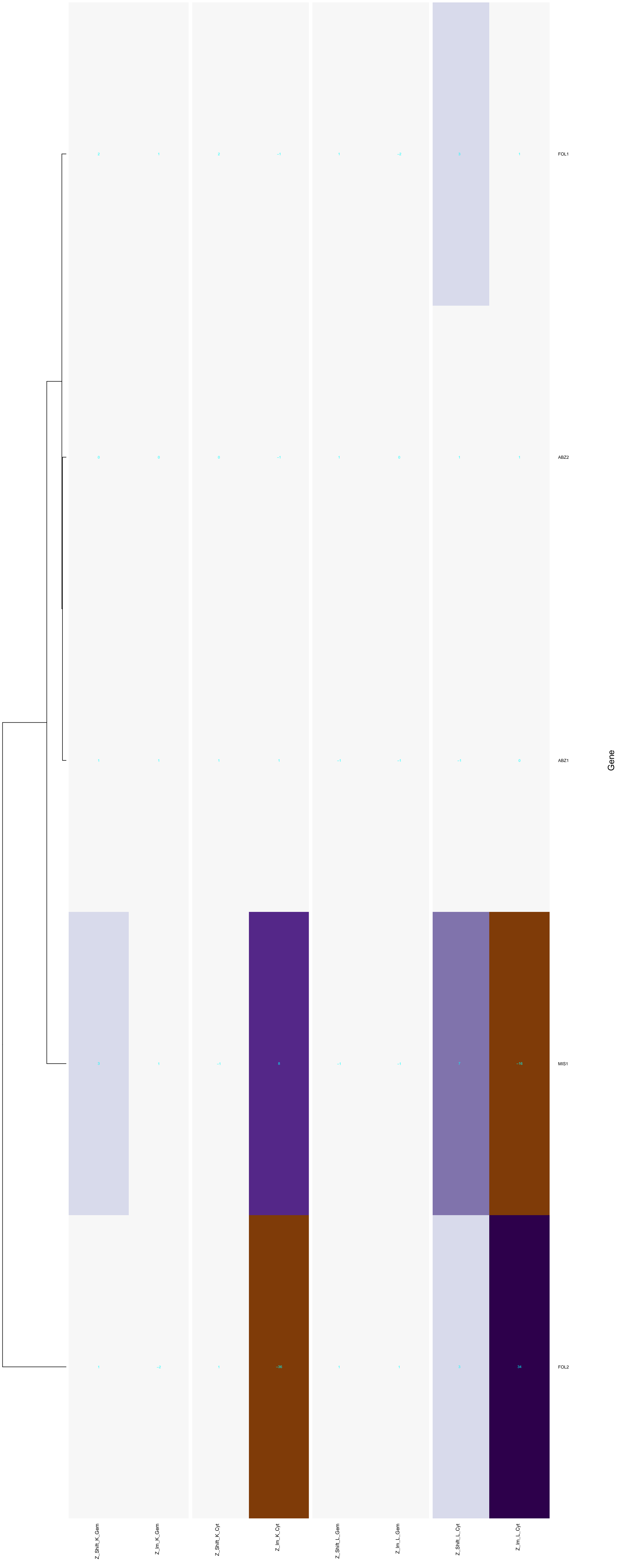
dihydrofolate metabolic process

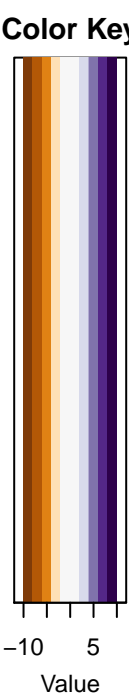




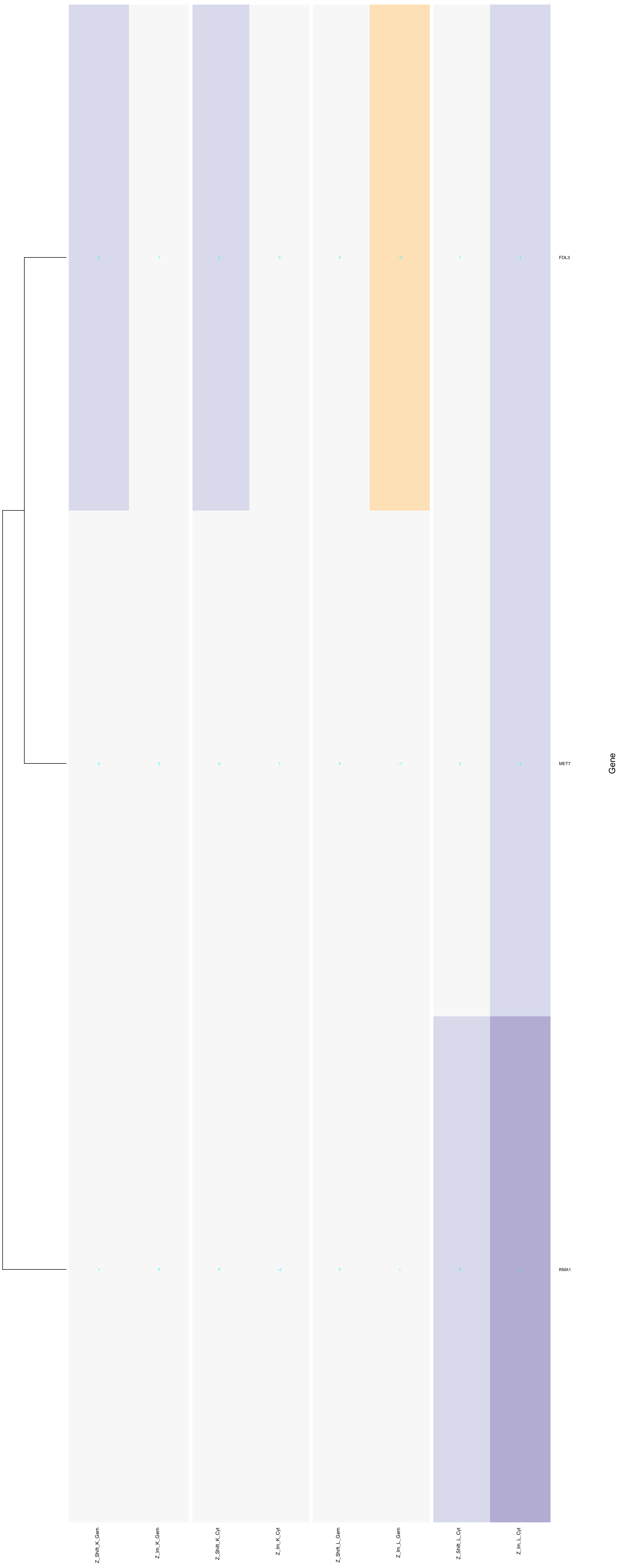


folic acid metabolic process

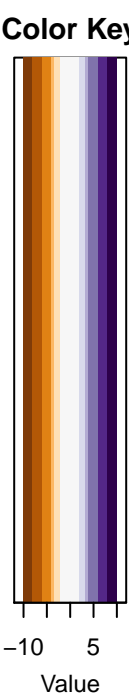




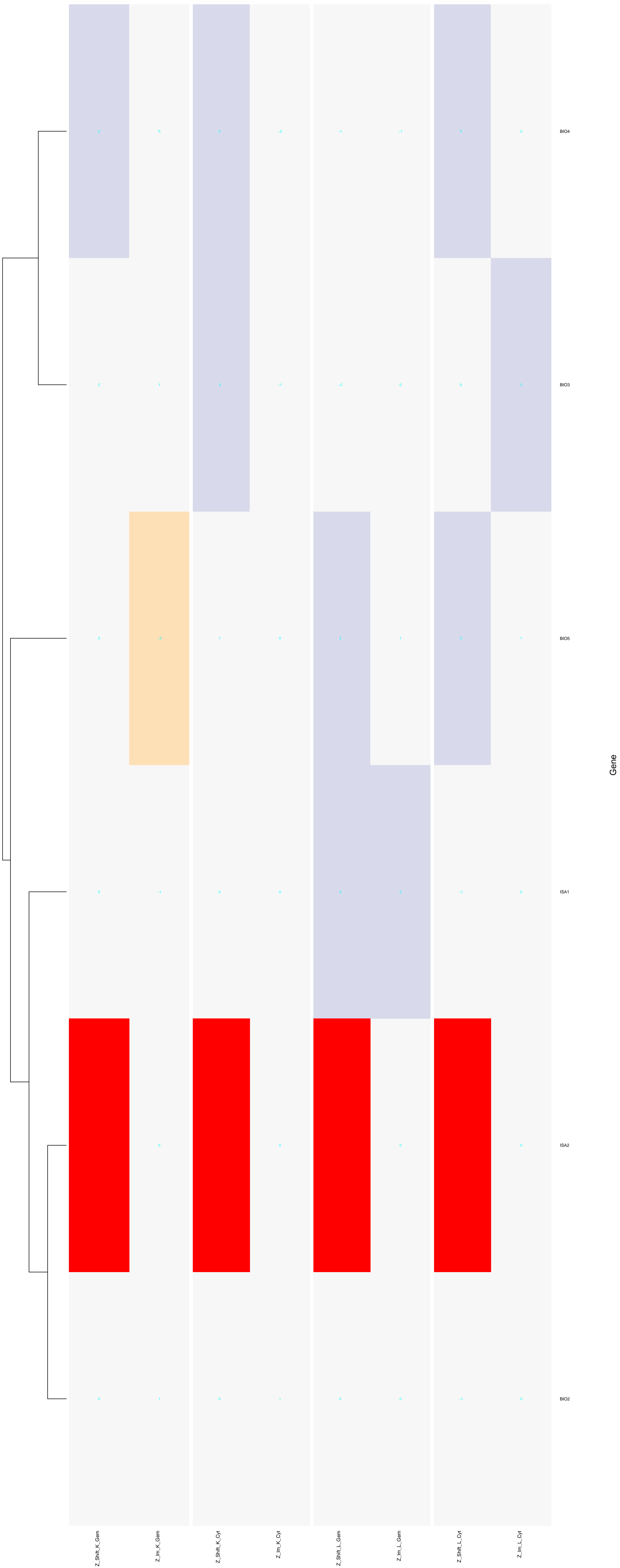
tetrahydrofolylpolyglutamate metabolic process

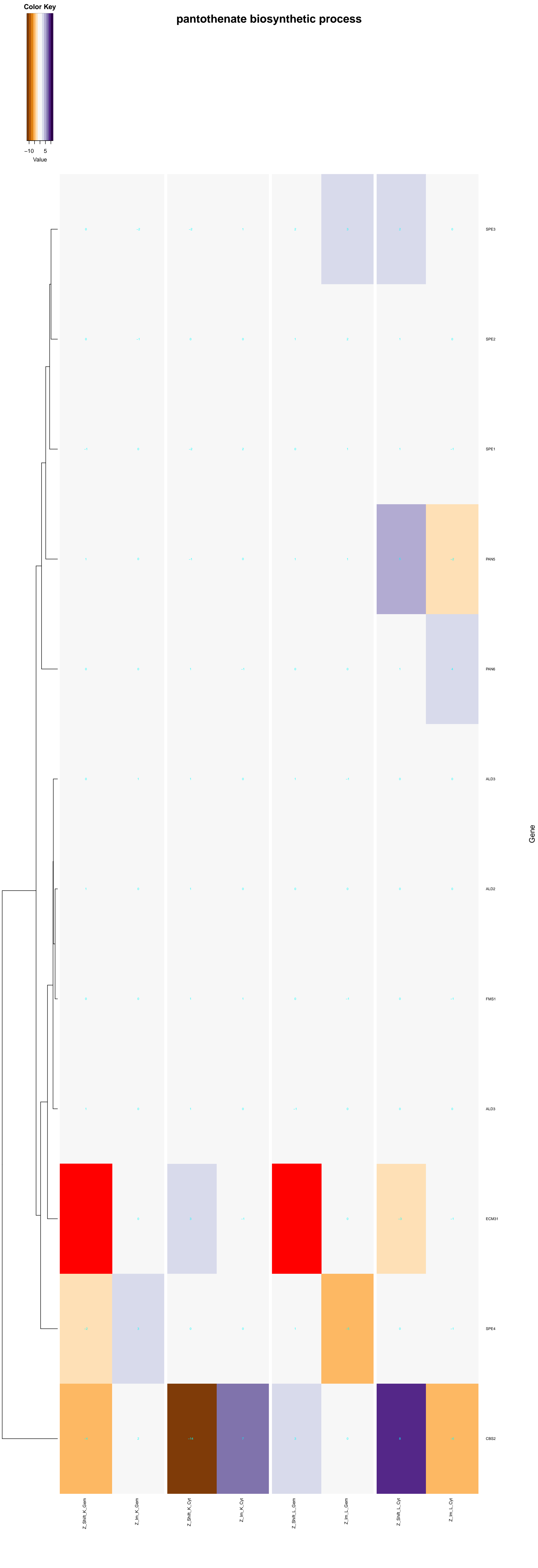


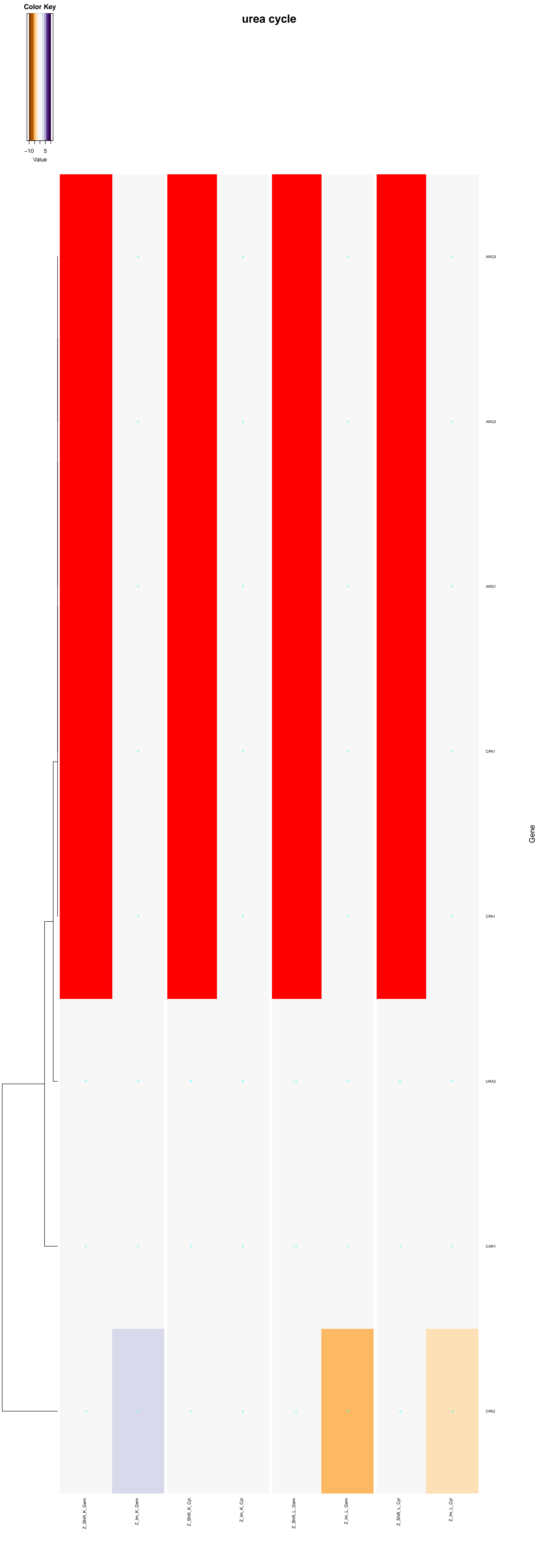


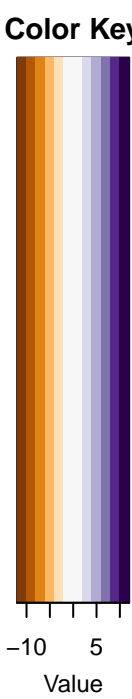


biotin biosynthetic process

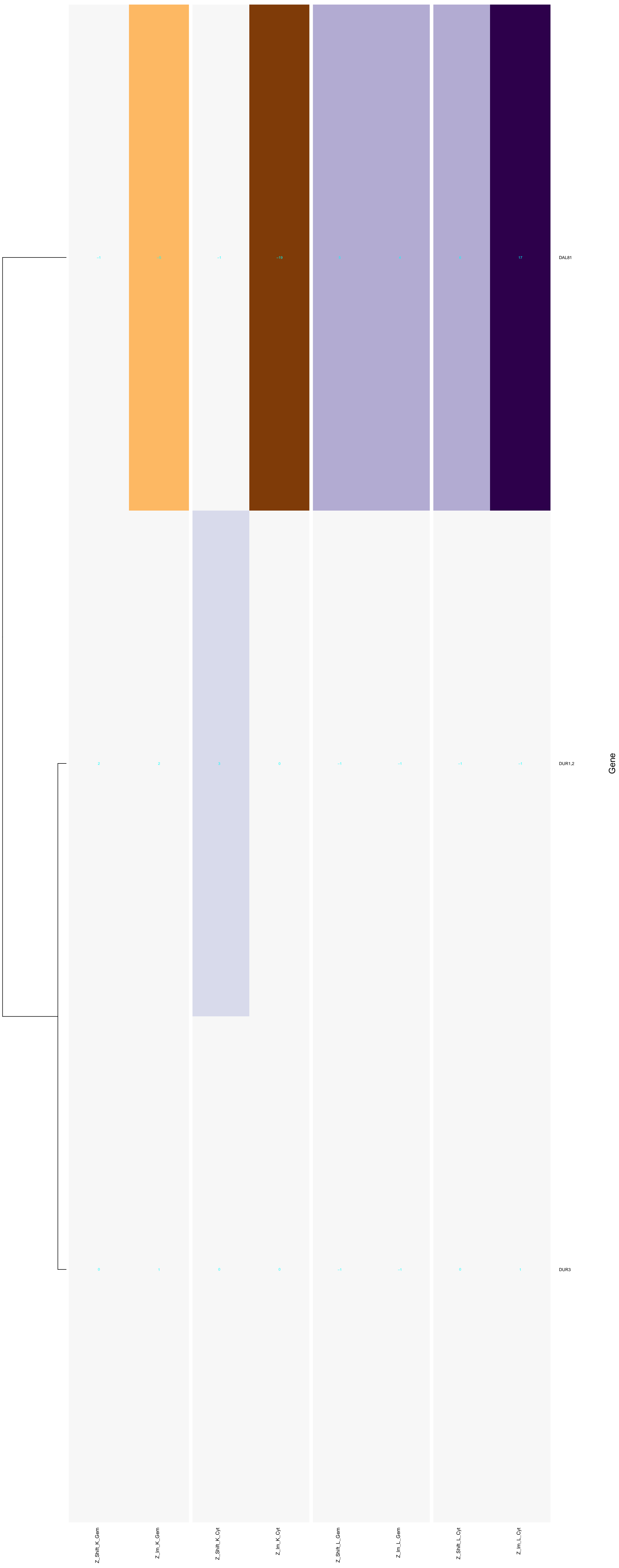


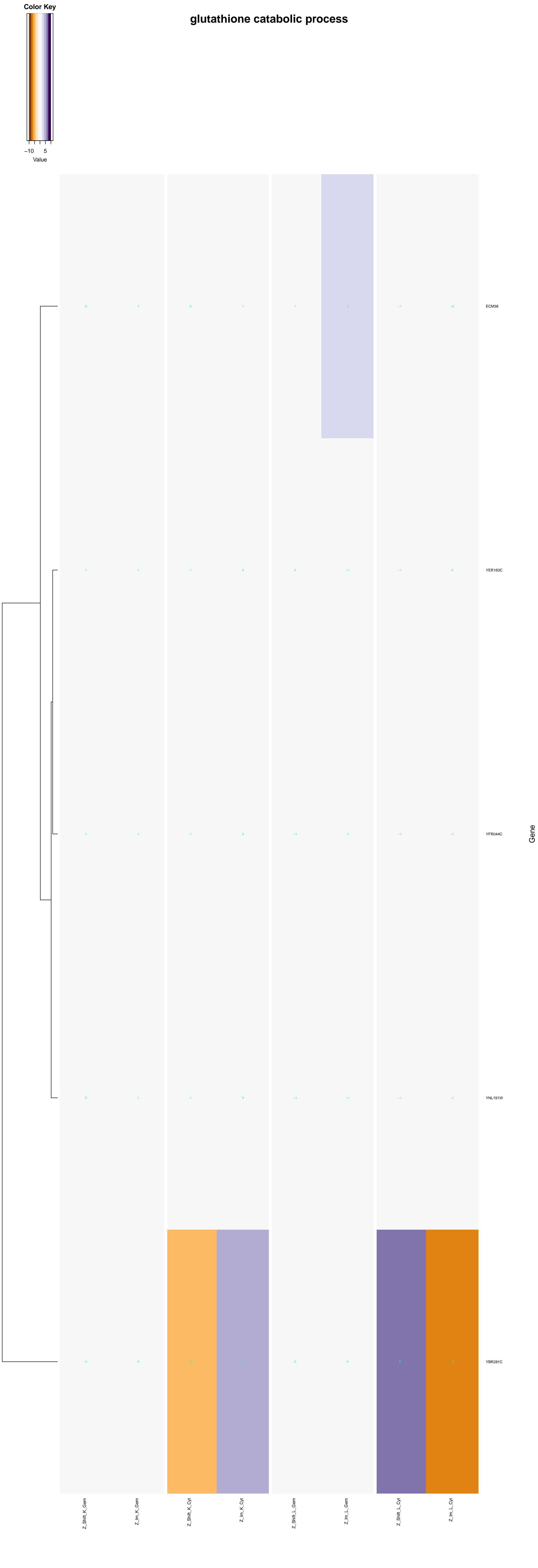


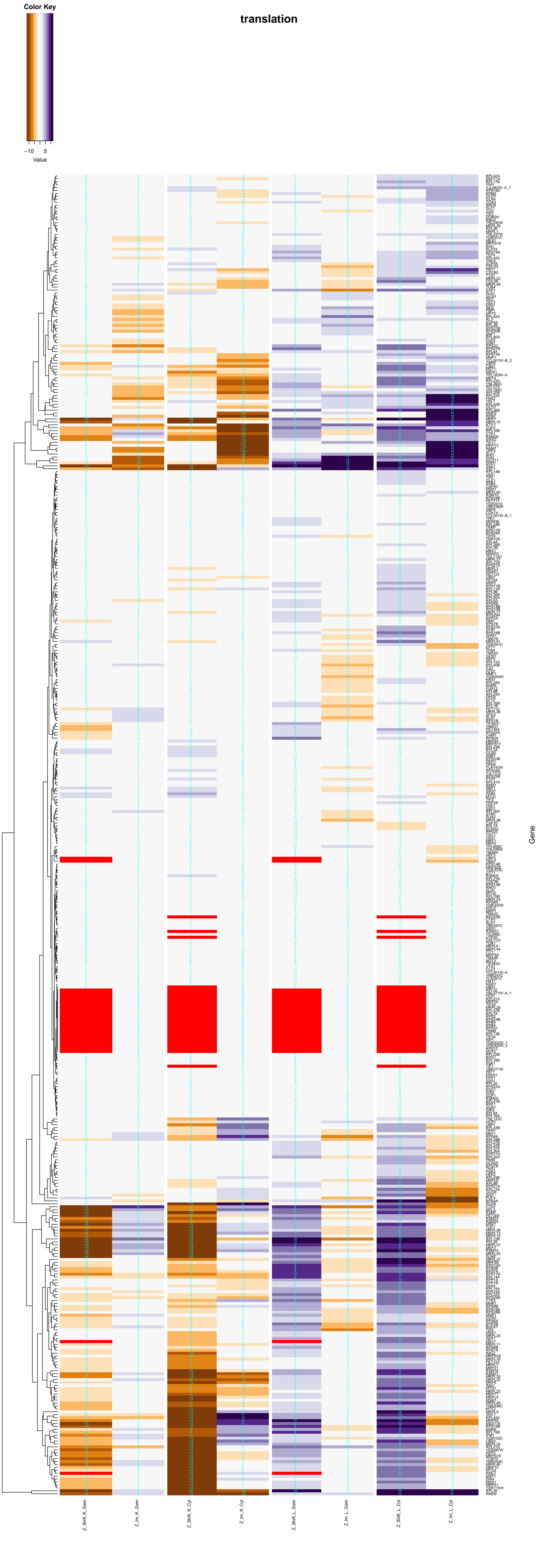


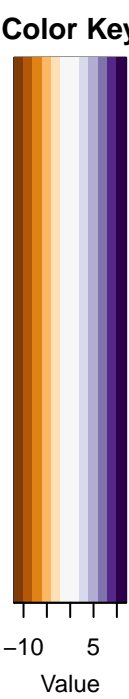


urea catabolic process

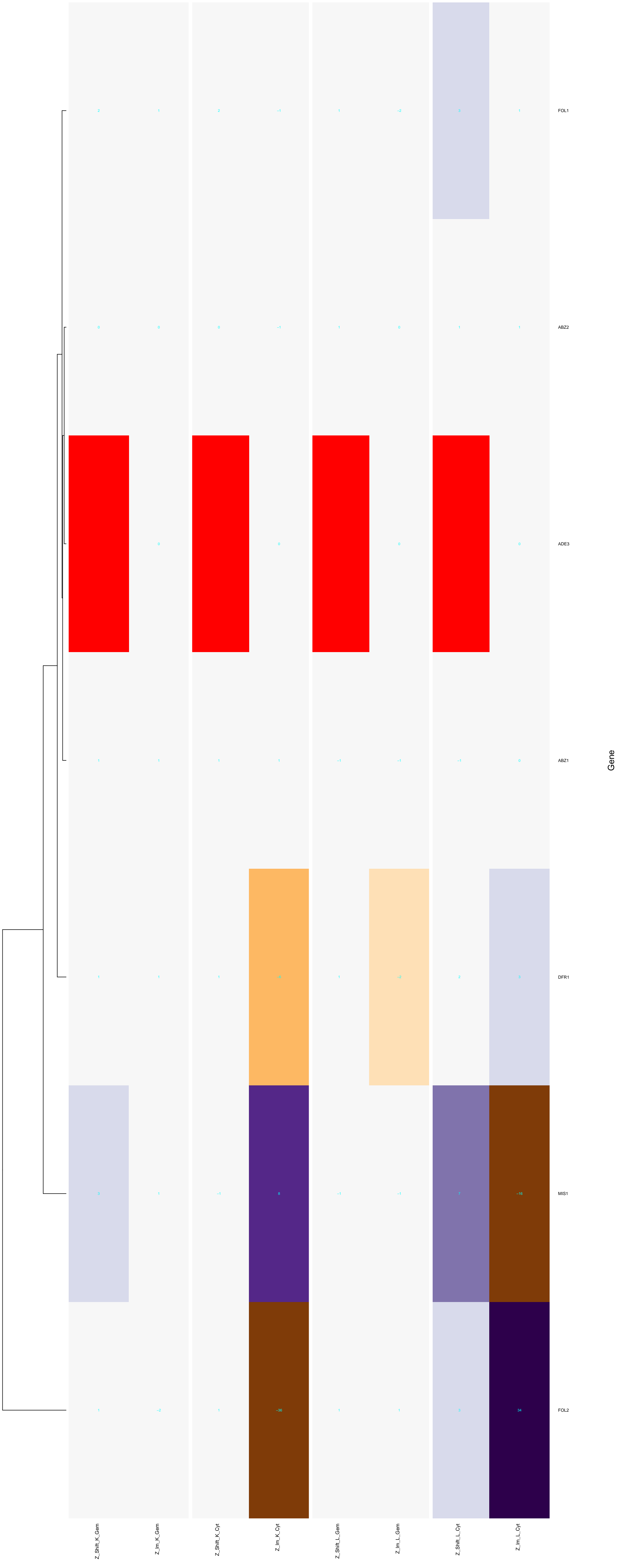


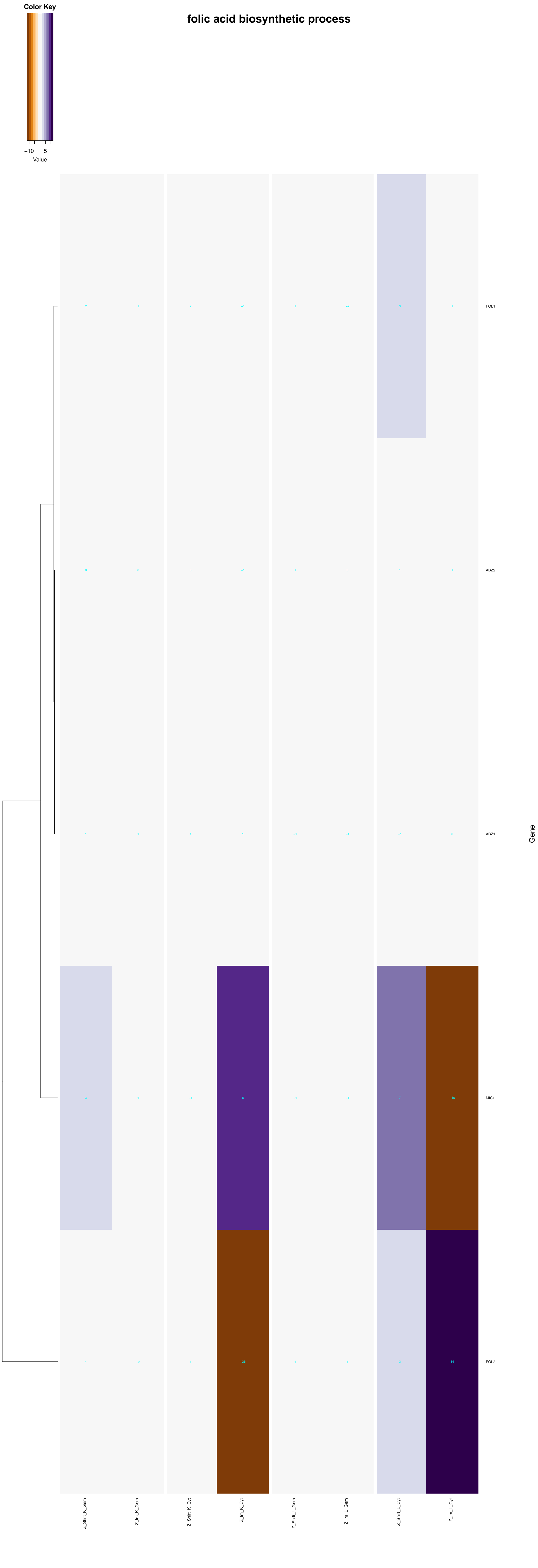




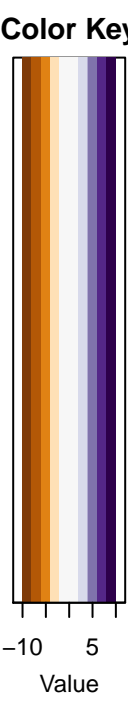


tetrahydrofolate biosynthetic process

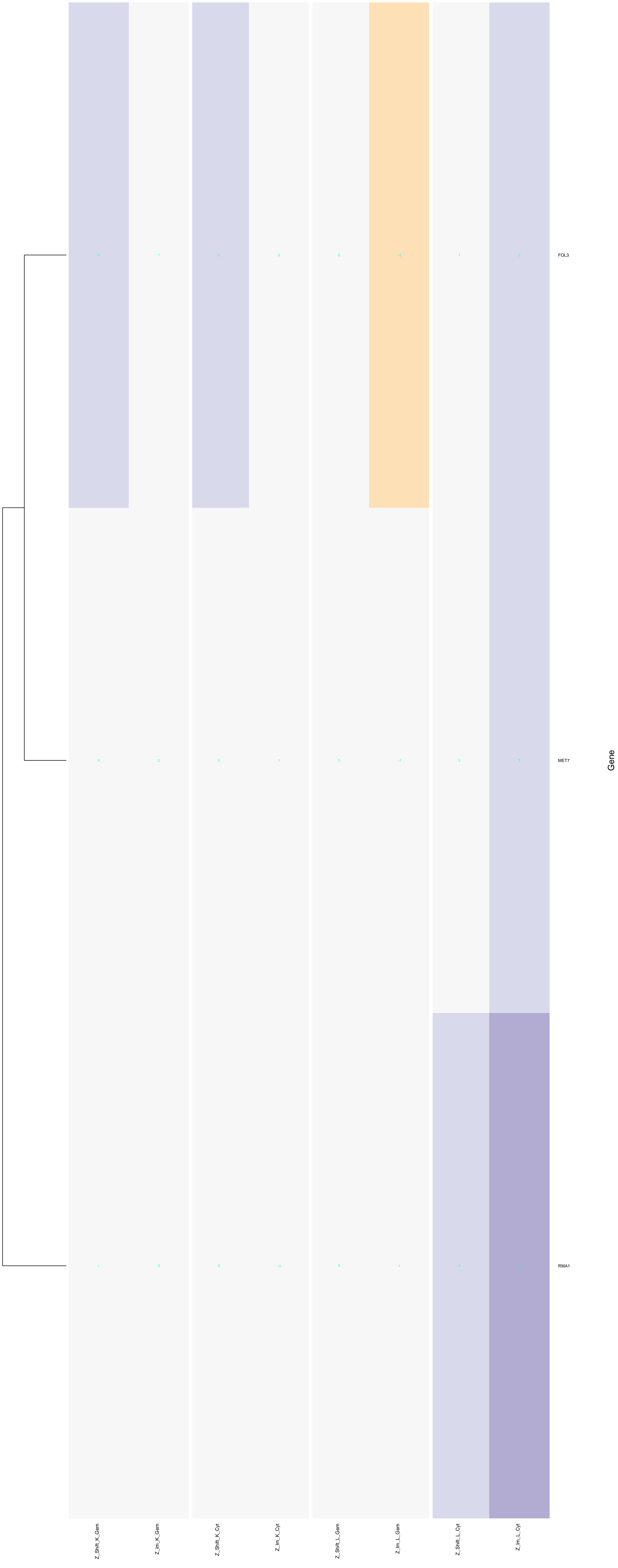


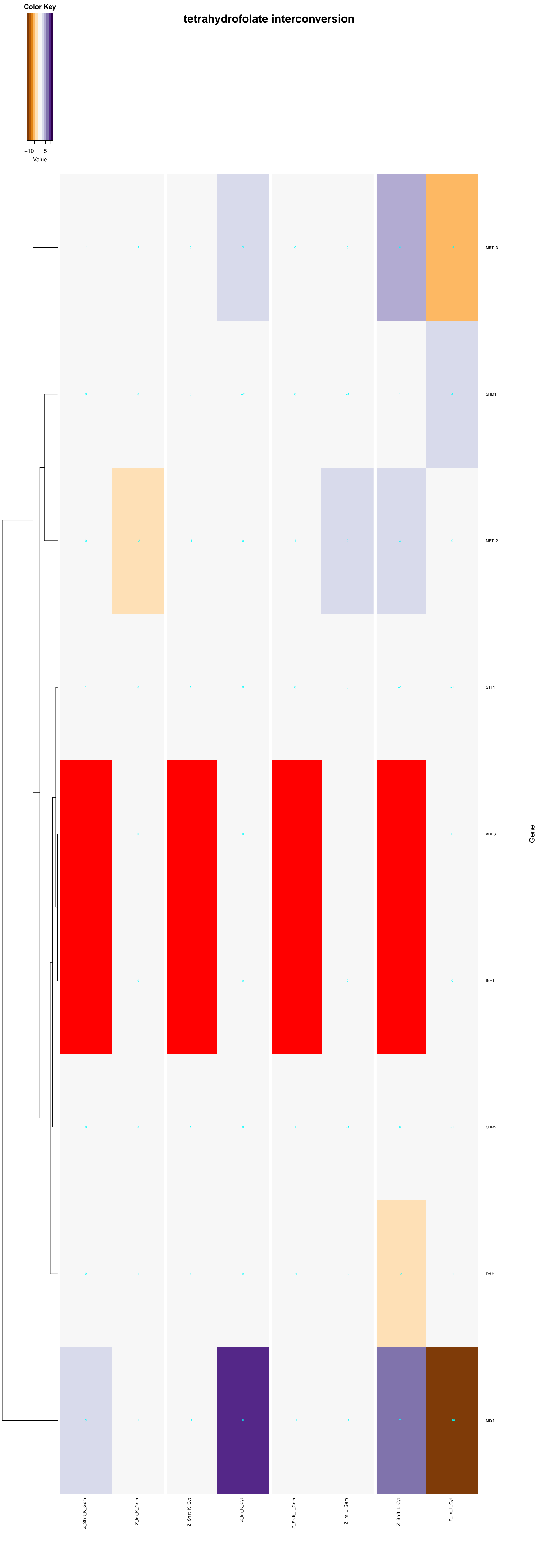


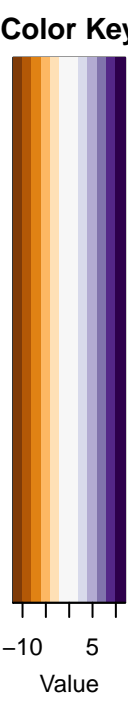




tetrahydrofolylpolyglutamate biosynthetic process







pantothenate biosynthetic process from valine

