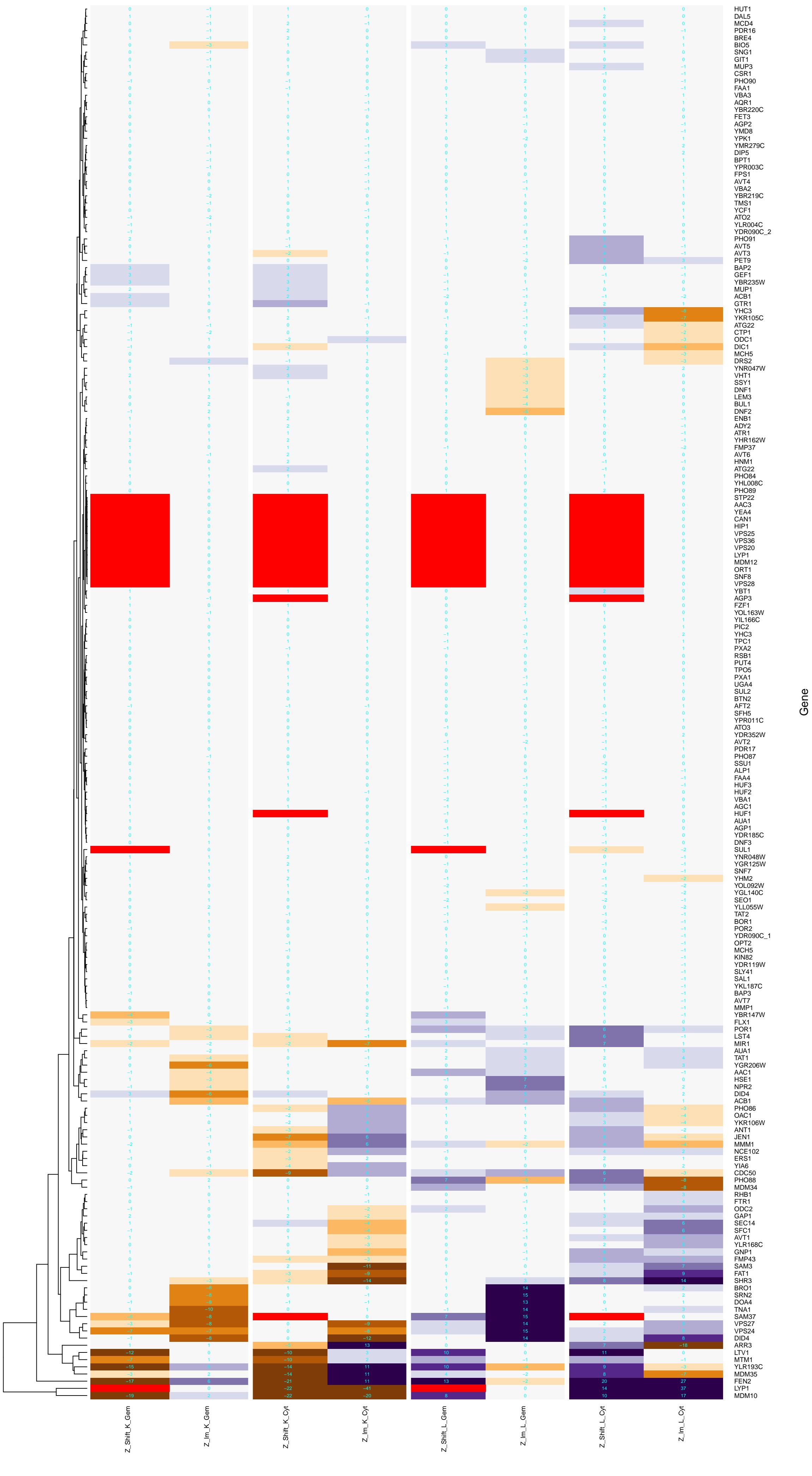
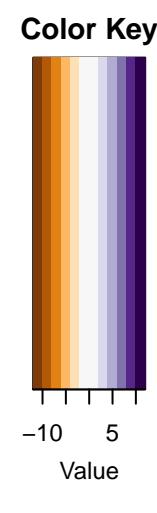
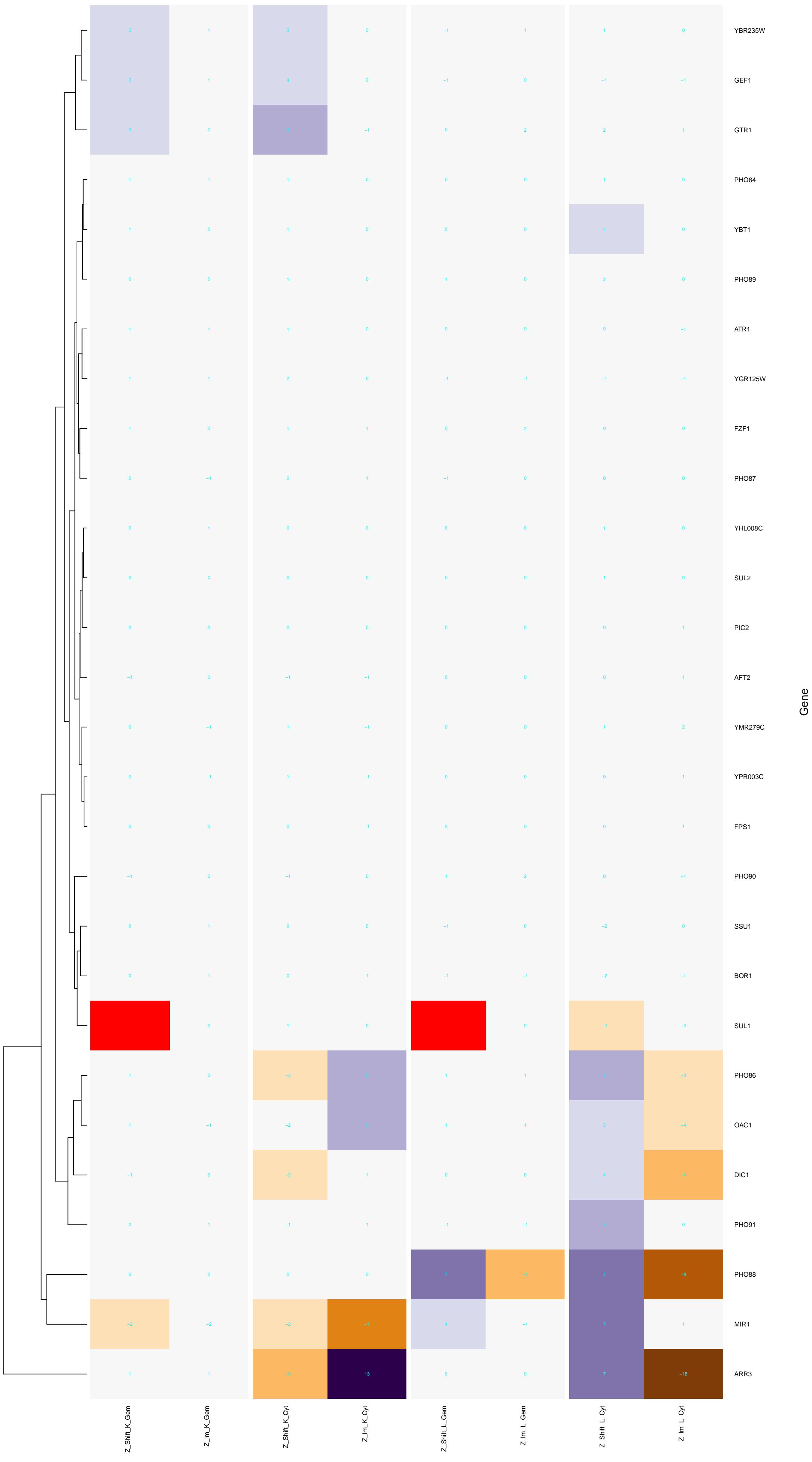


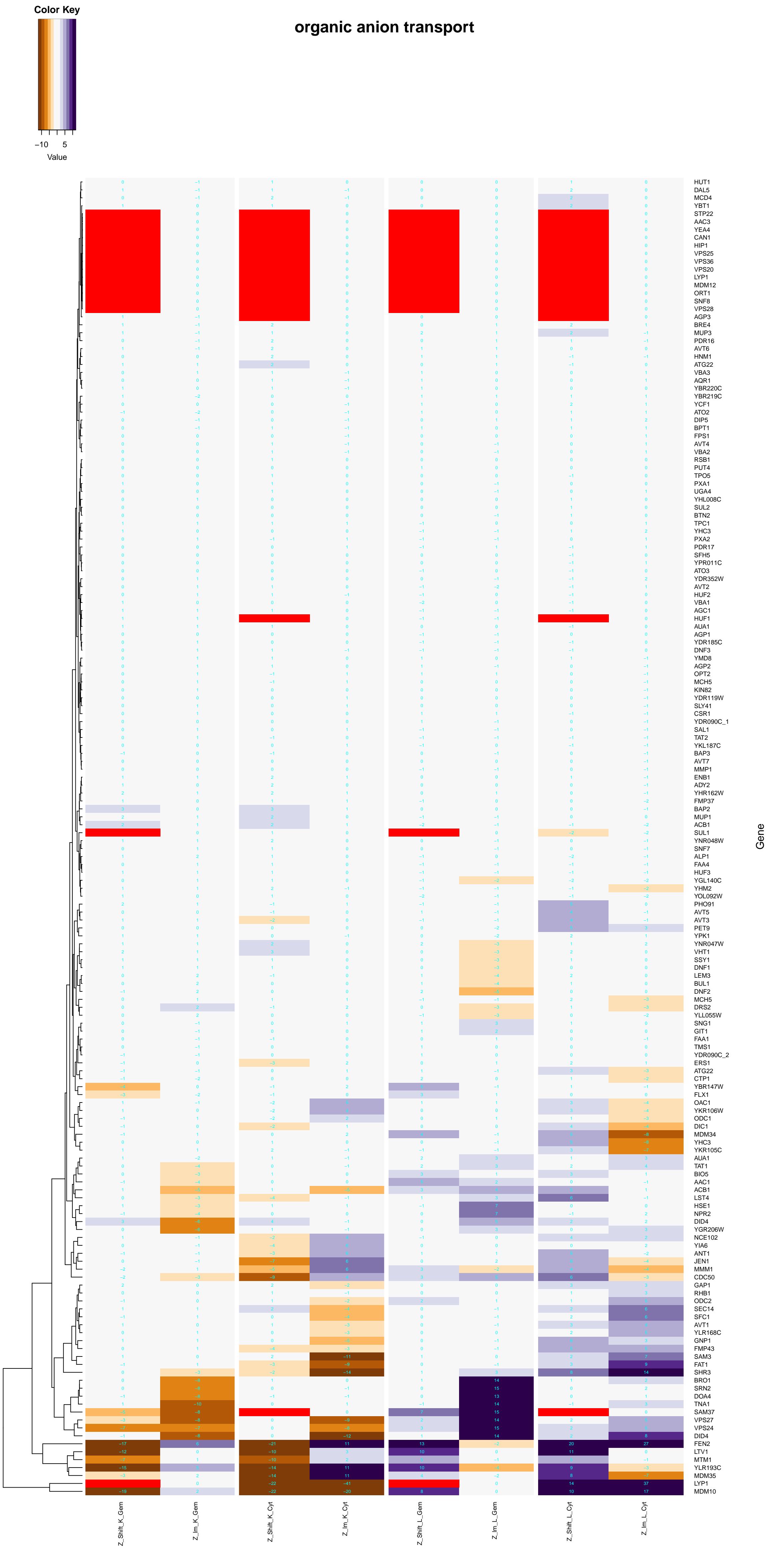
anion transport

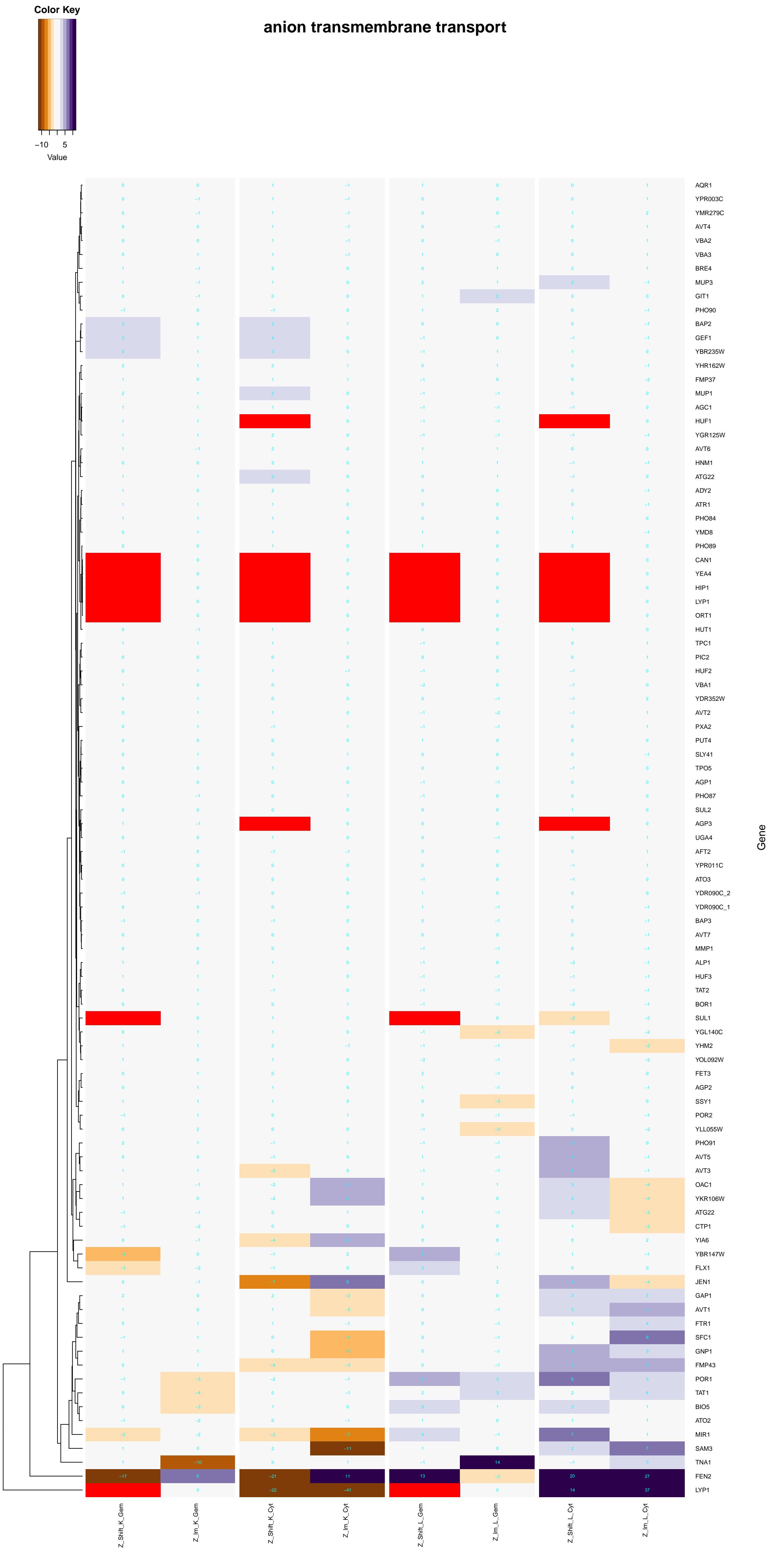


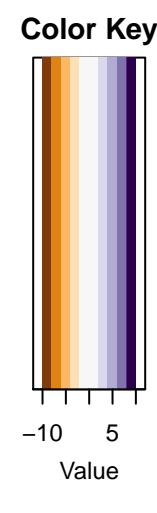


inorganic anion transport

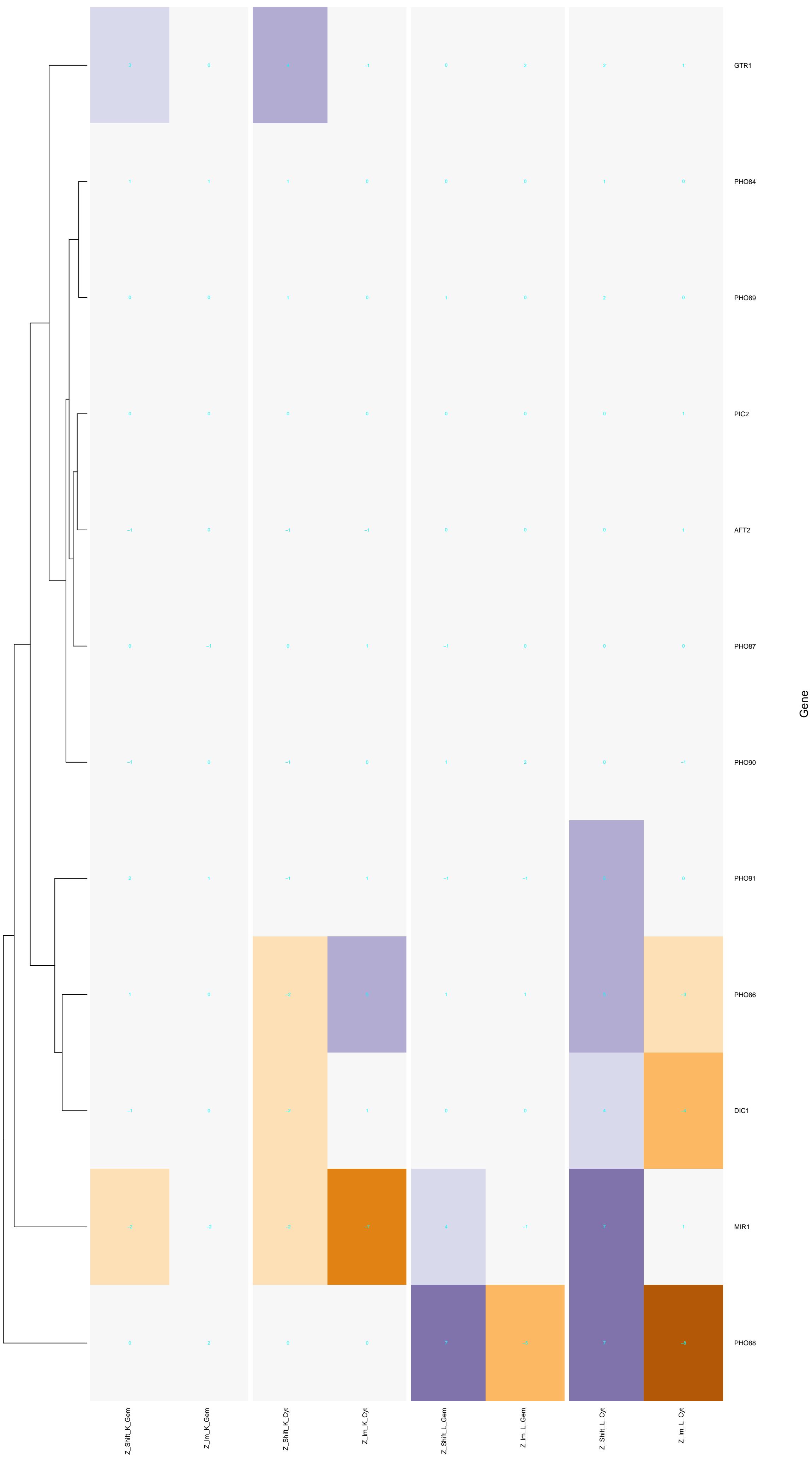


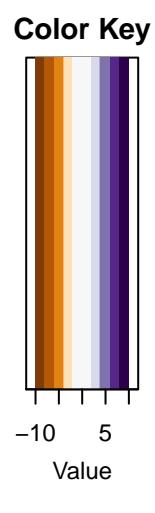




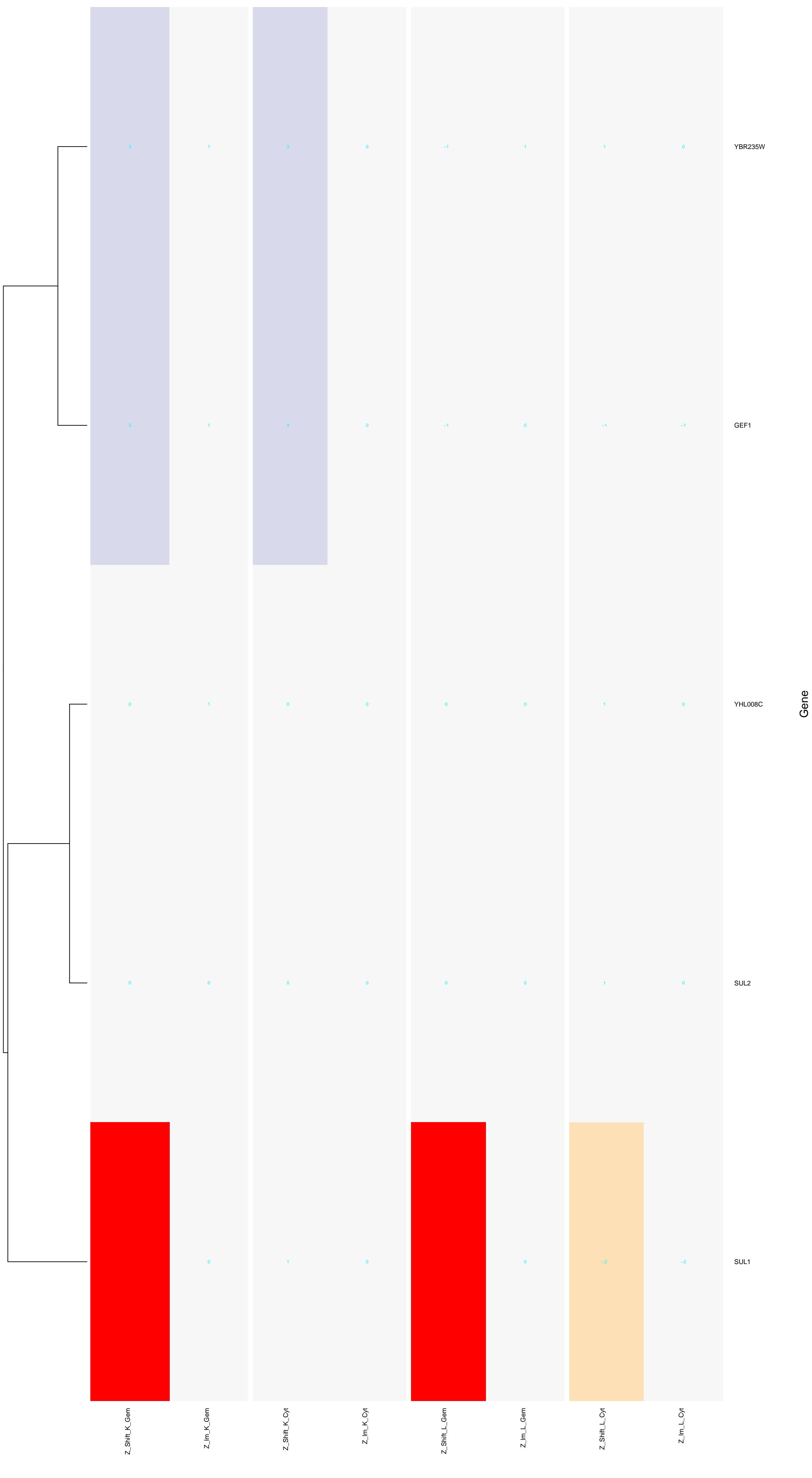


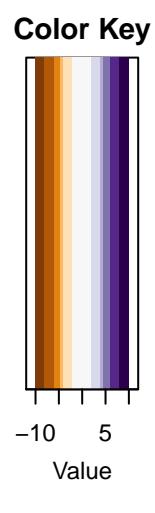
phosphate ion transport



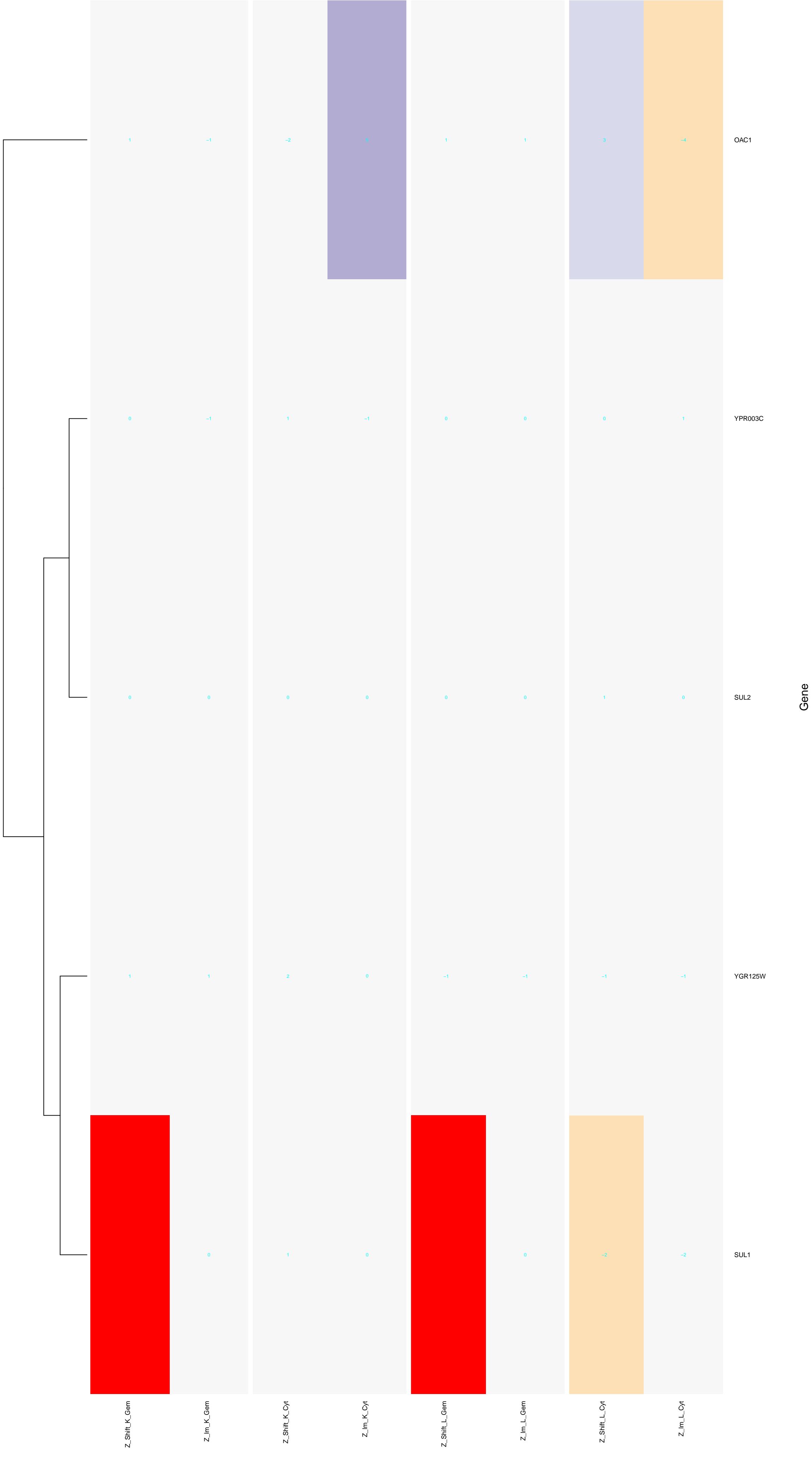


chloride transport

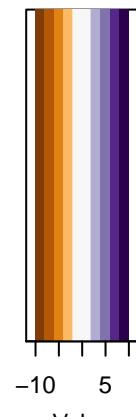




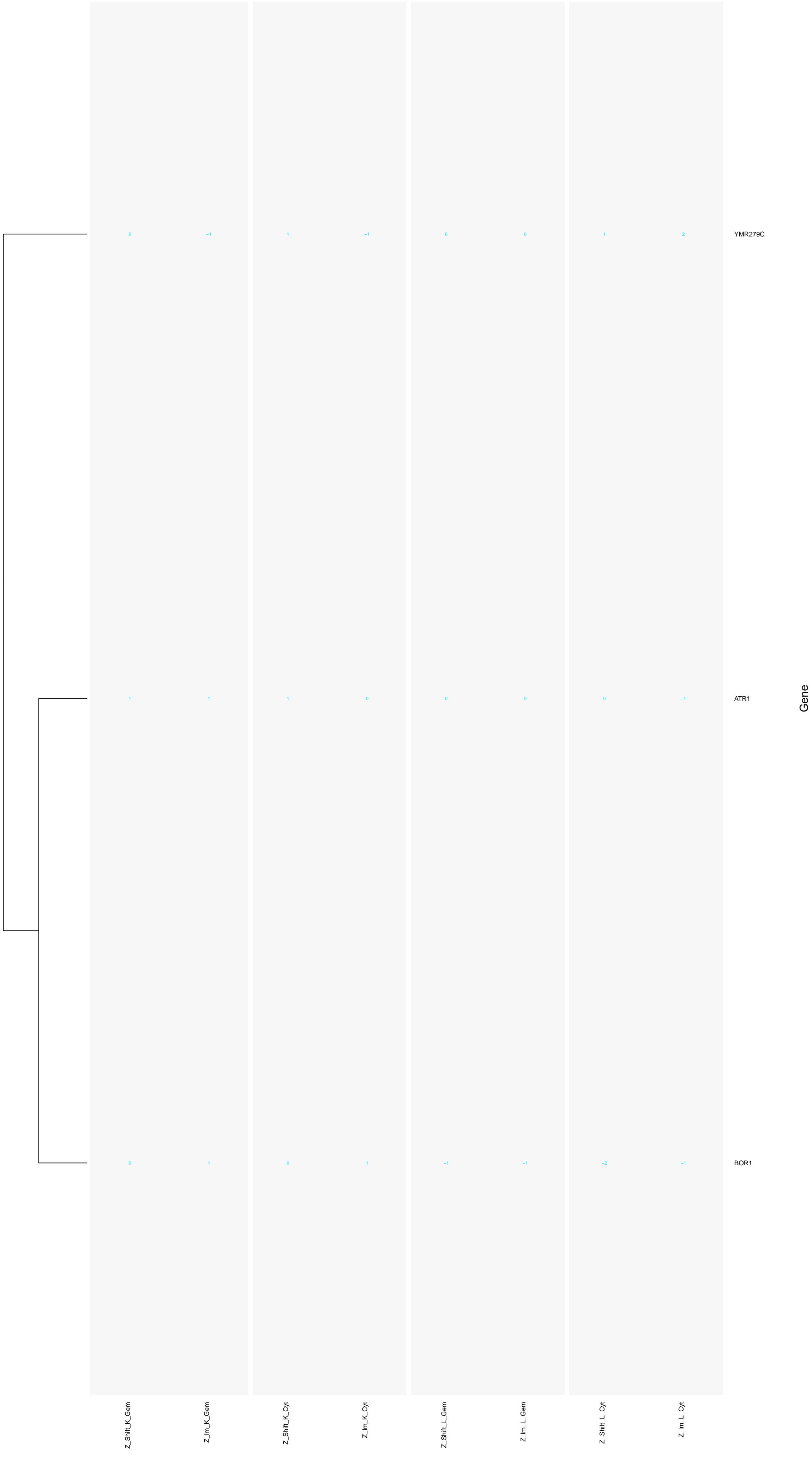
sulfate transport

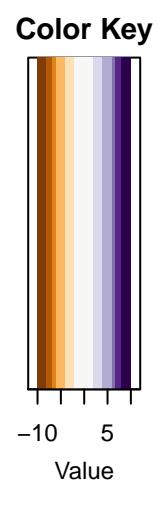


Color Key

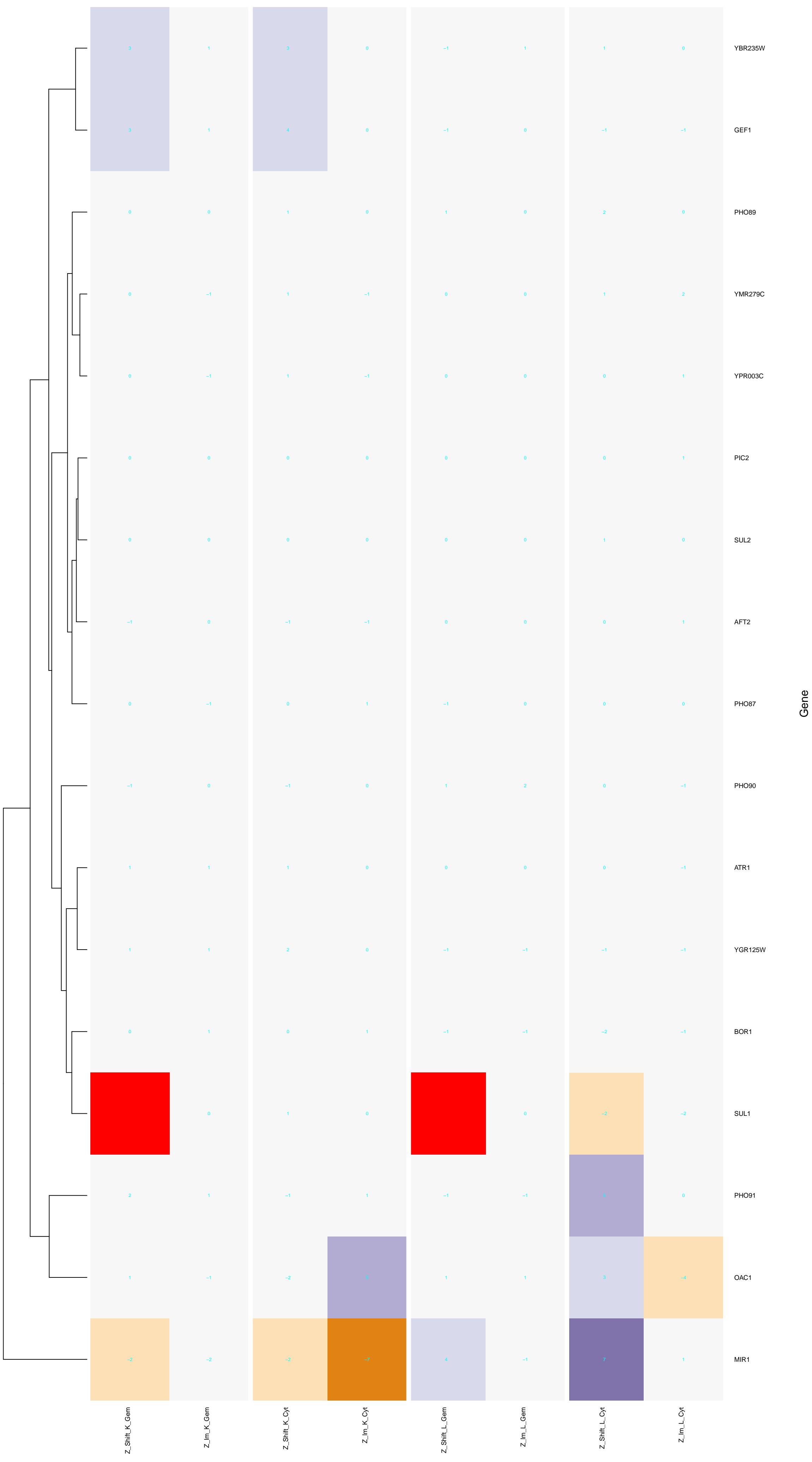


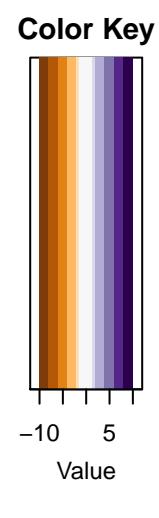
borate transport



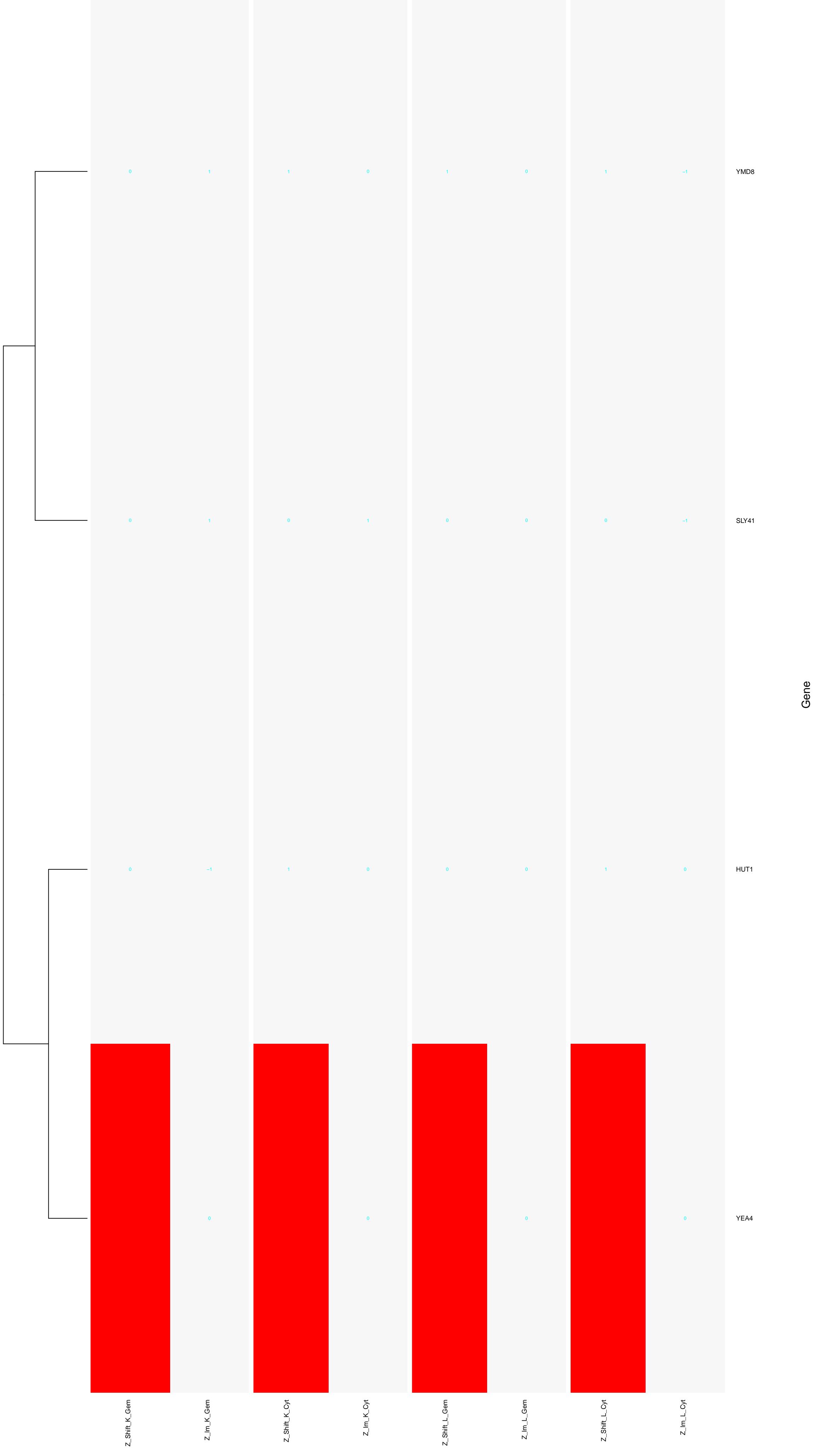


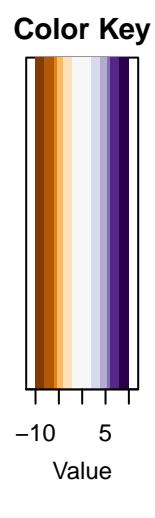
inorganic anion transmembrane transport



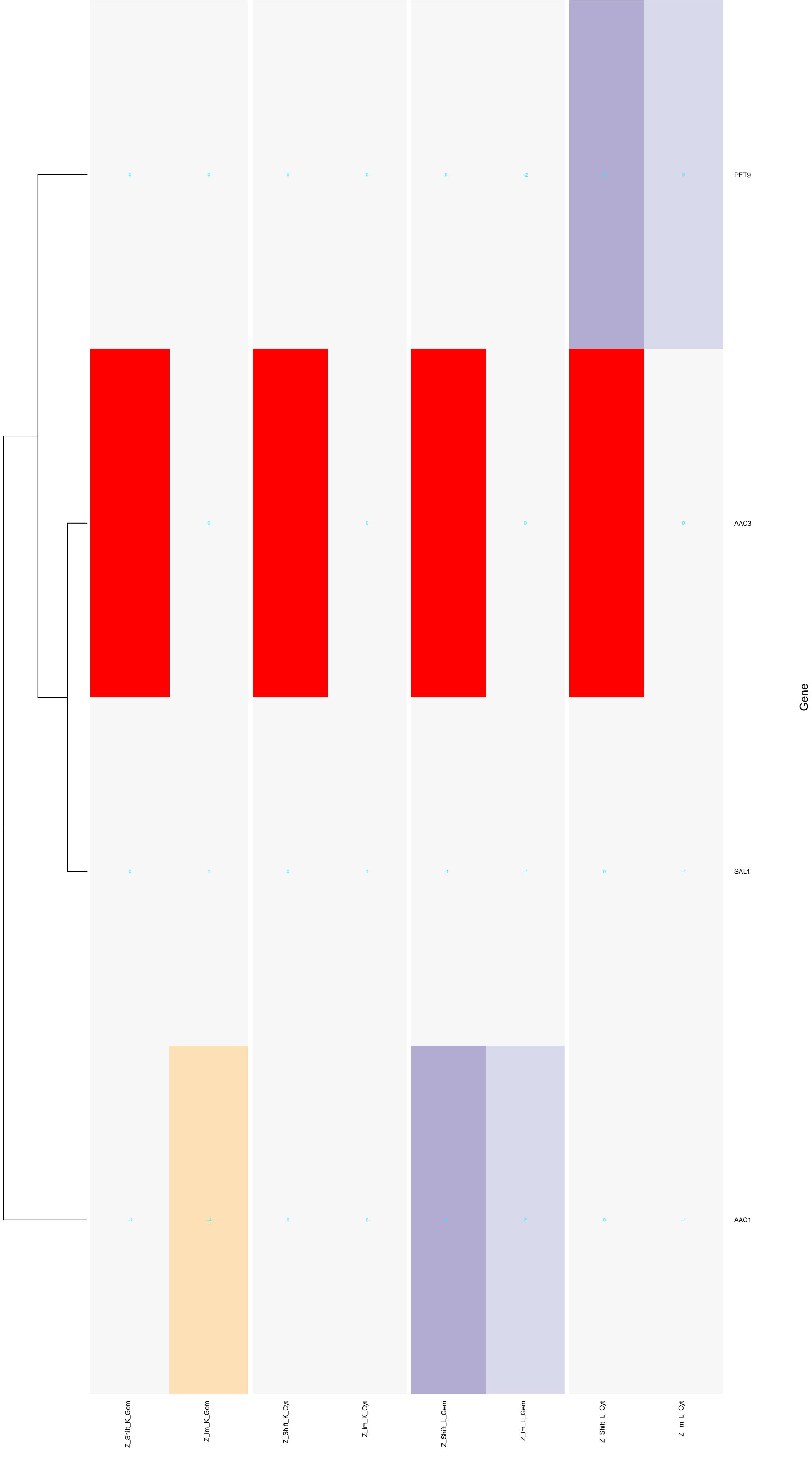


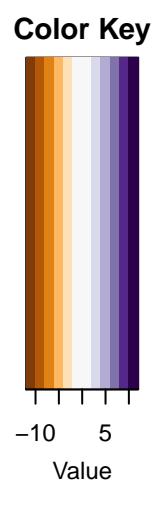
UDP-glucose transport



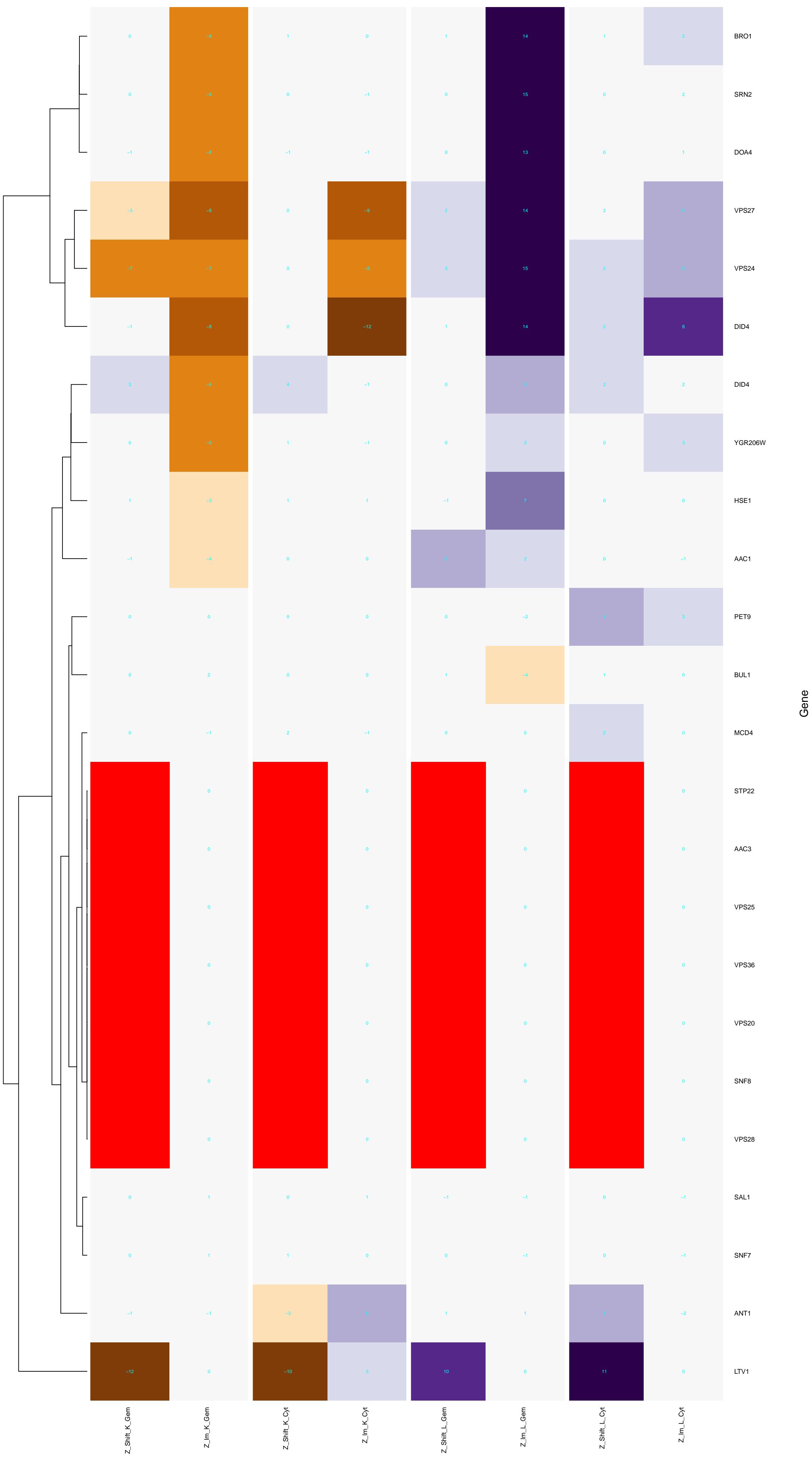


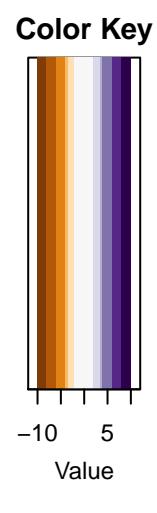
ADP transport



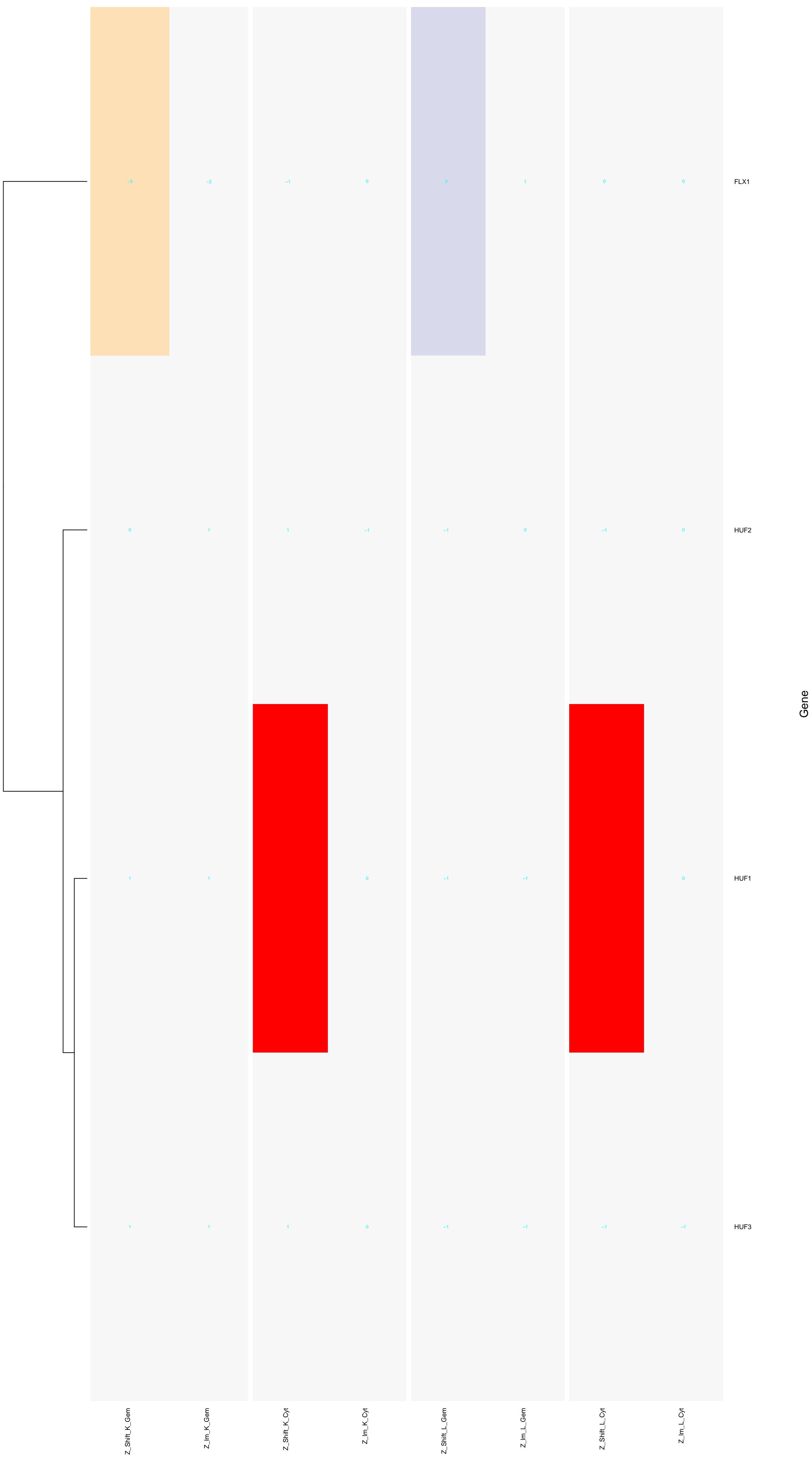


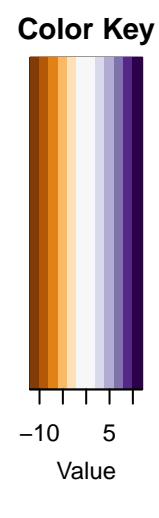
ATP transport



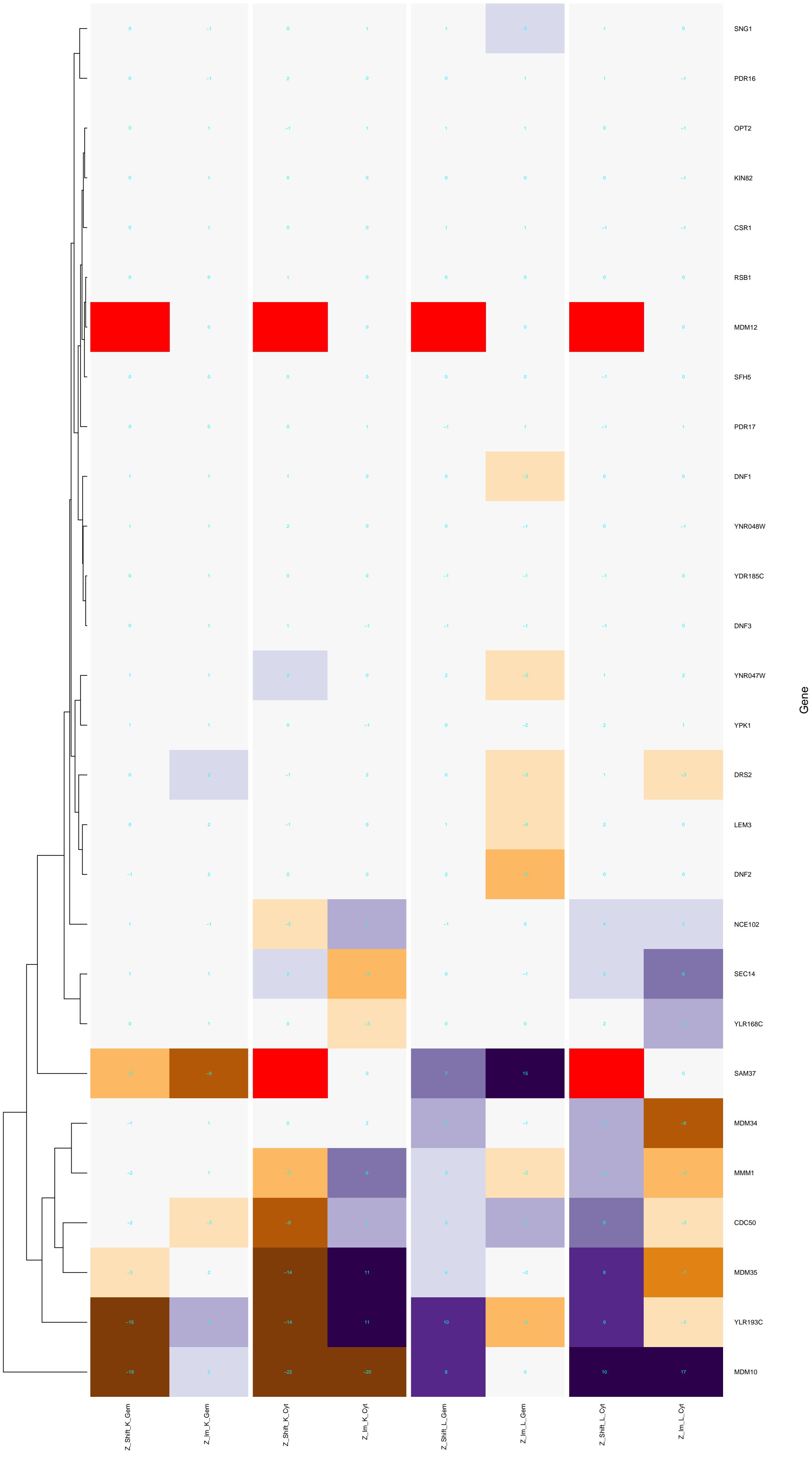


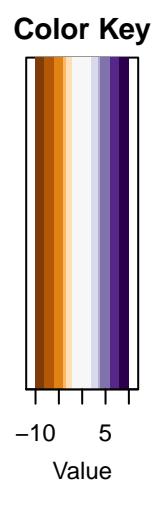
FAD transport



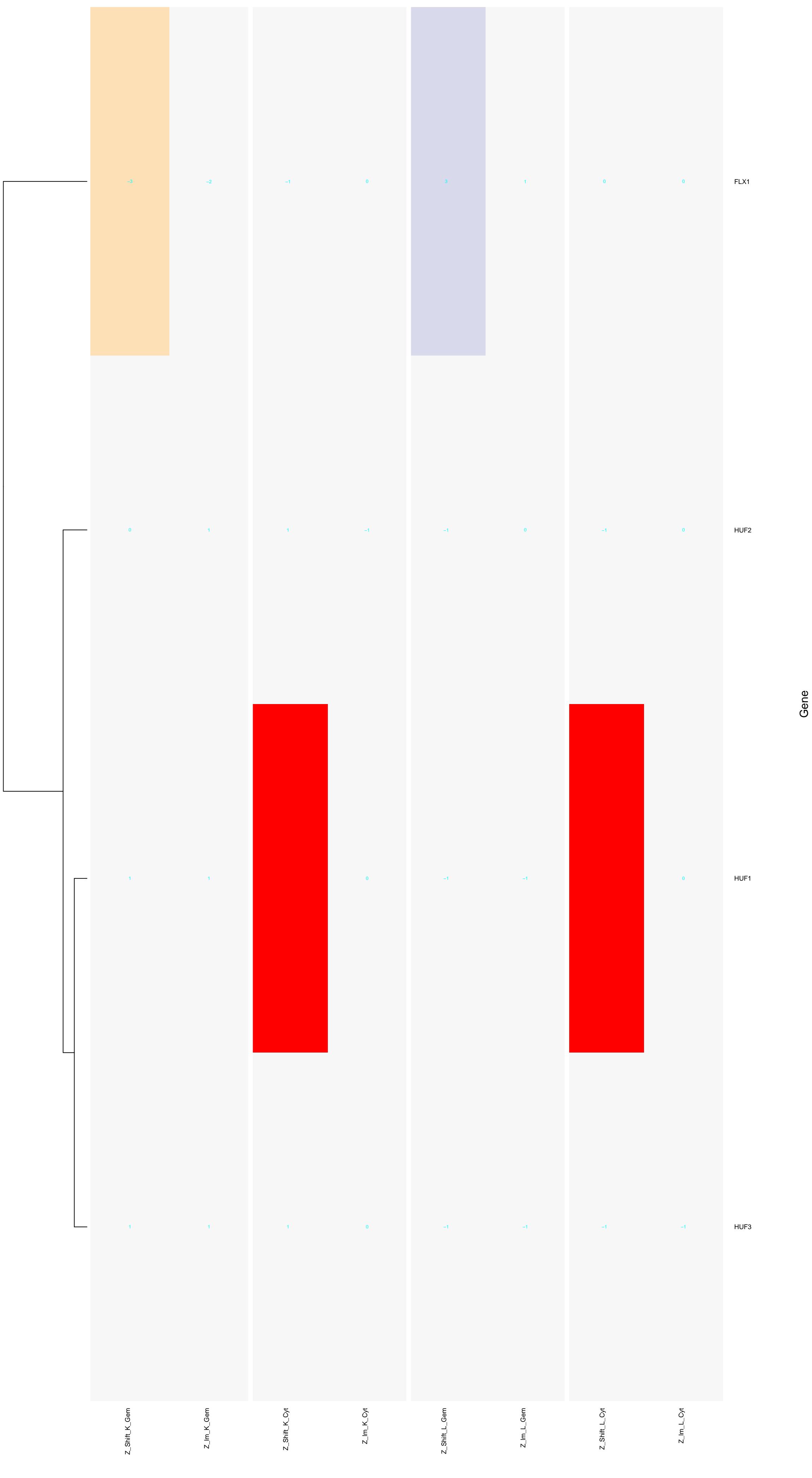


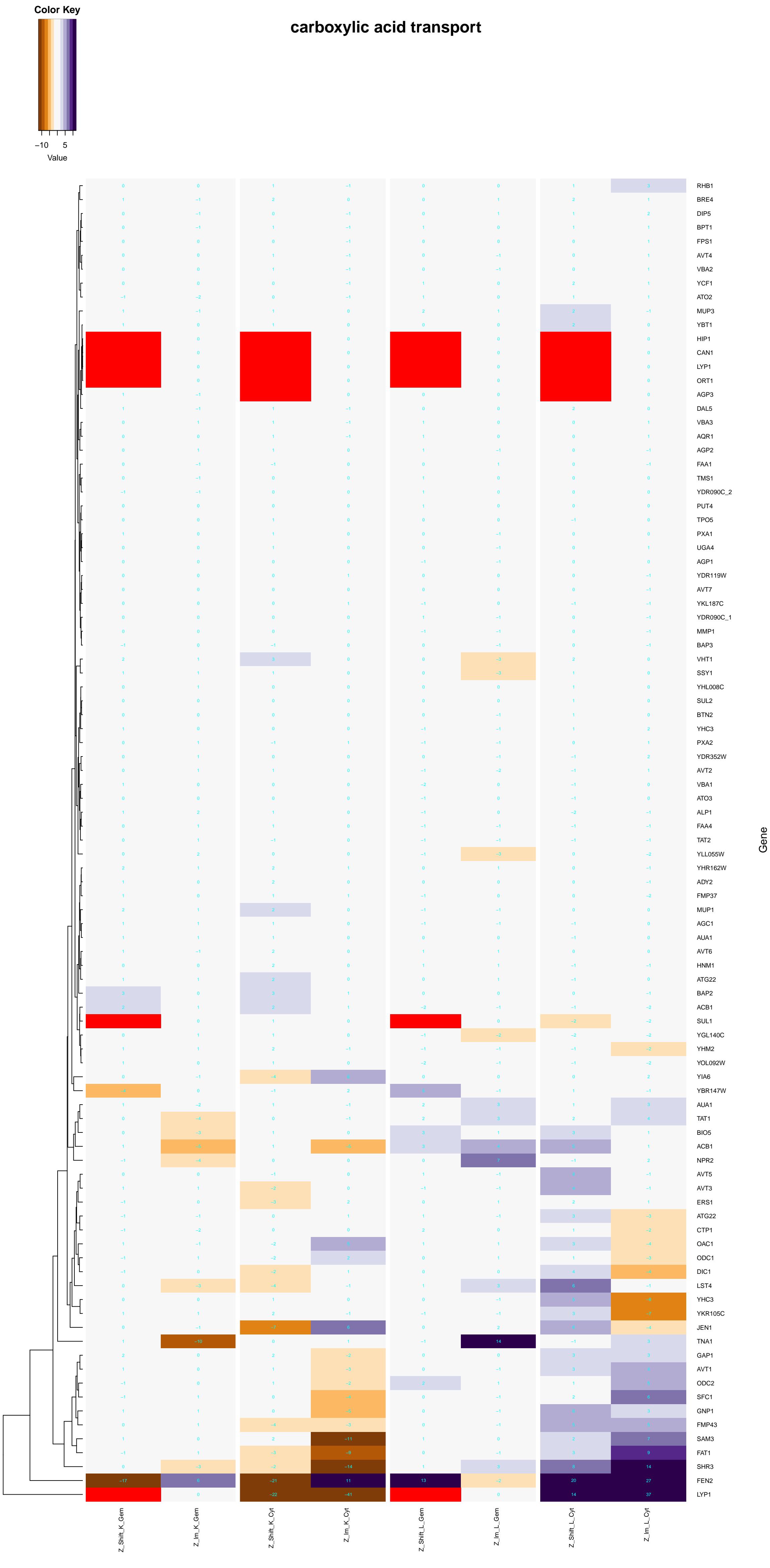
phospholipid transport

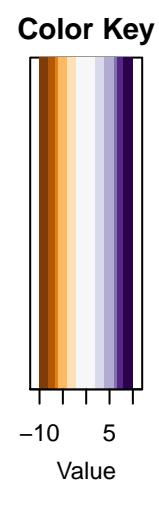




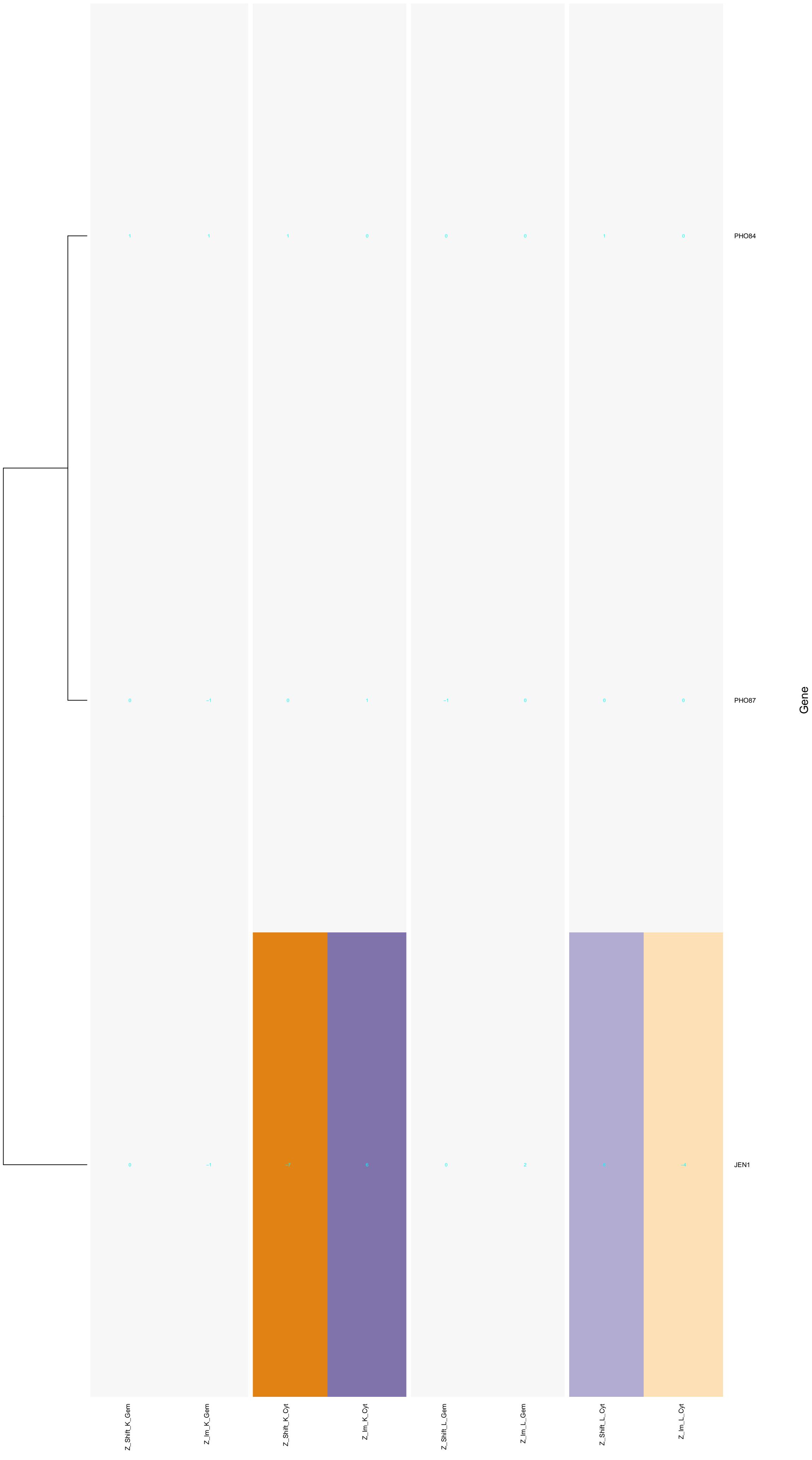
FAD transmembrane transport

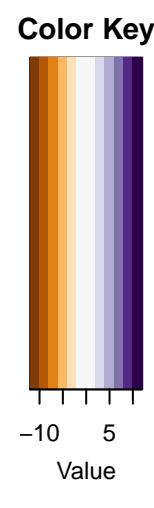




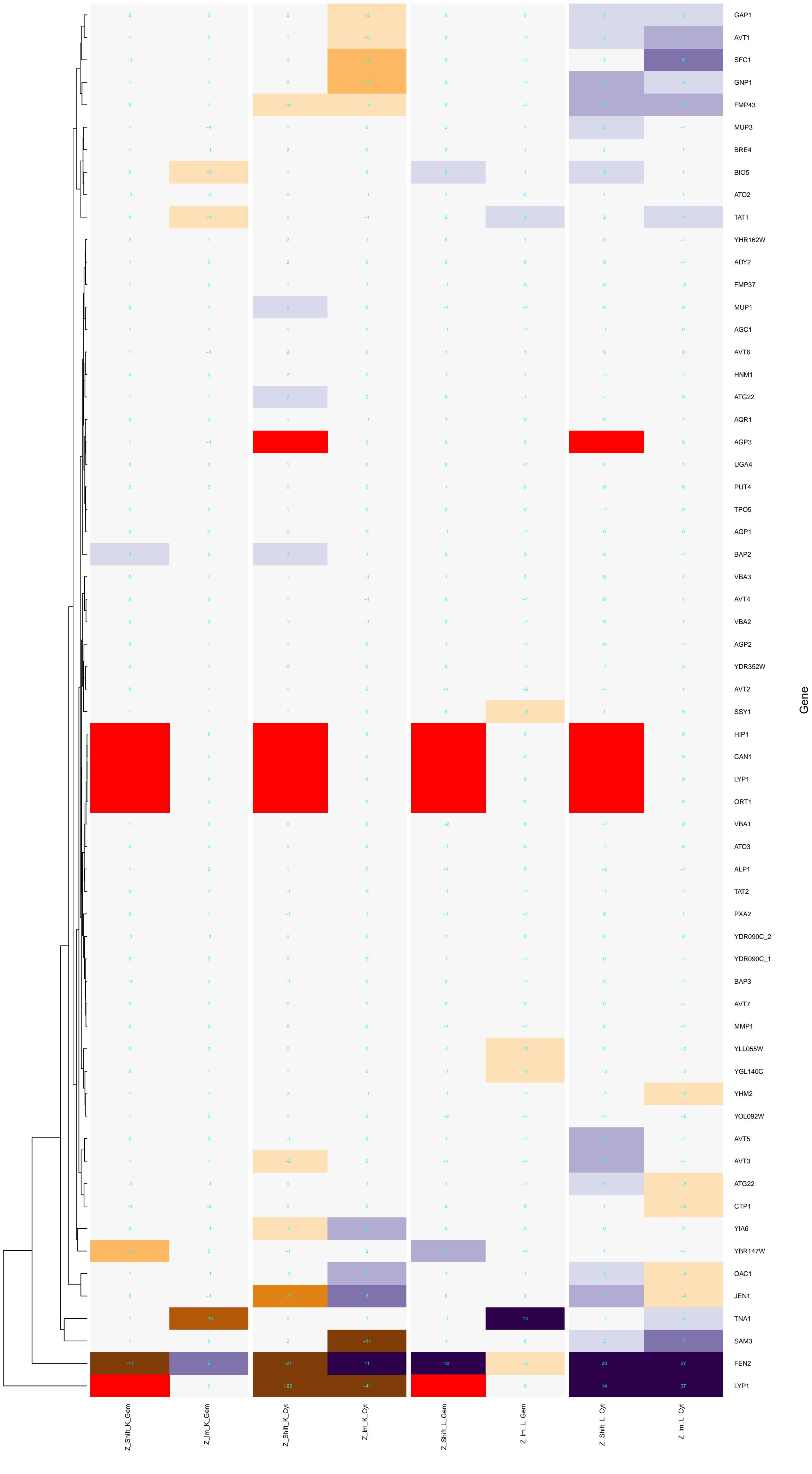


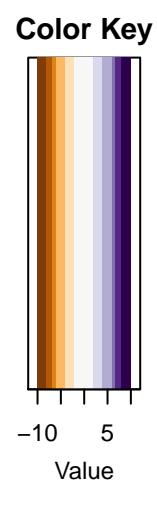
plasma membrane selenite transport



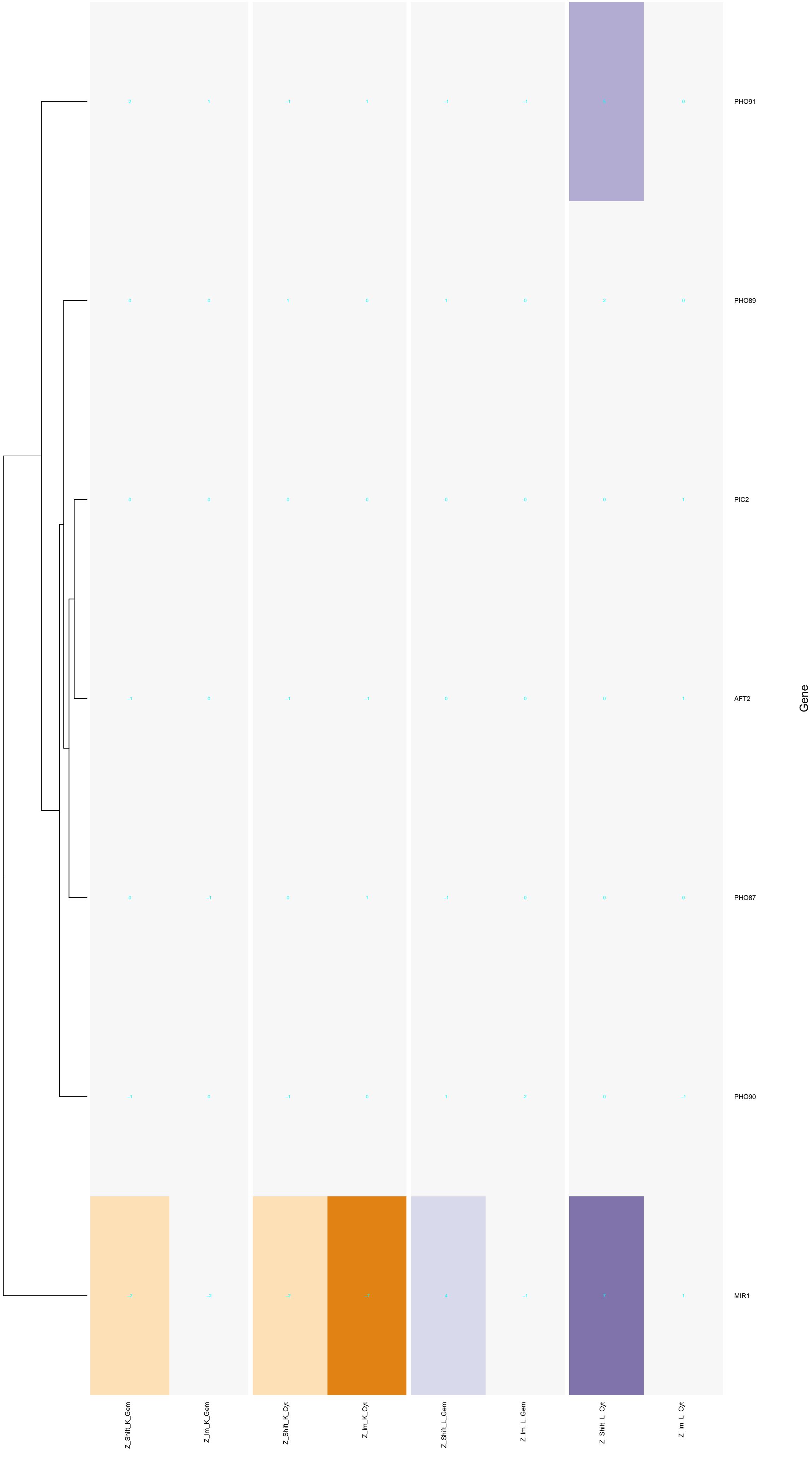


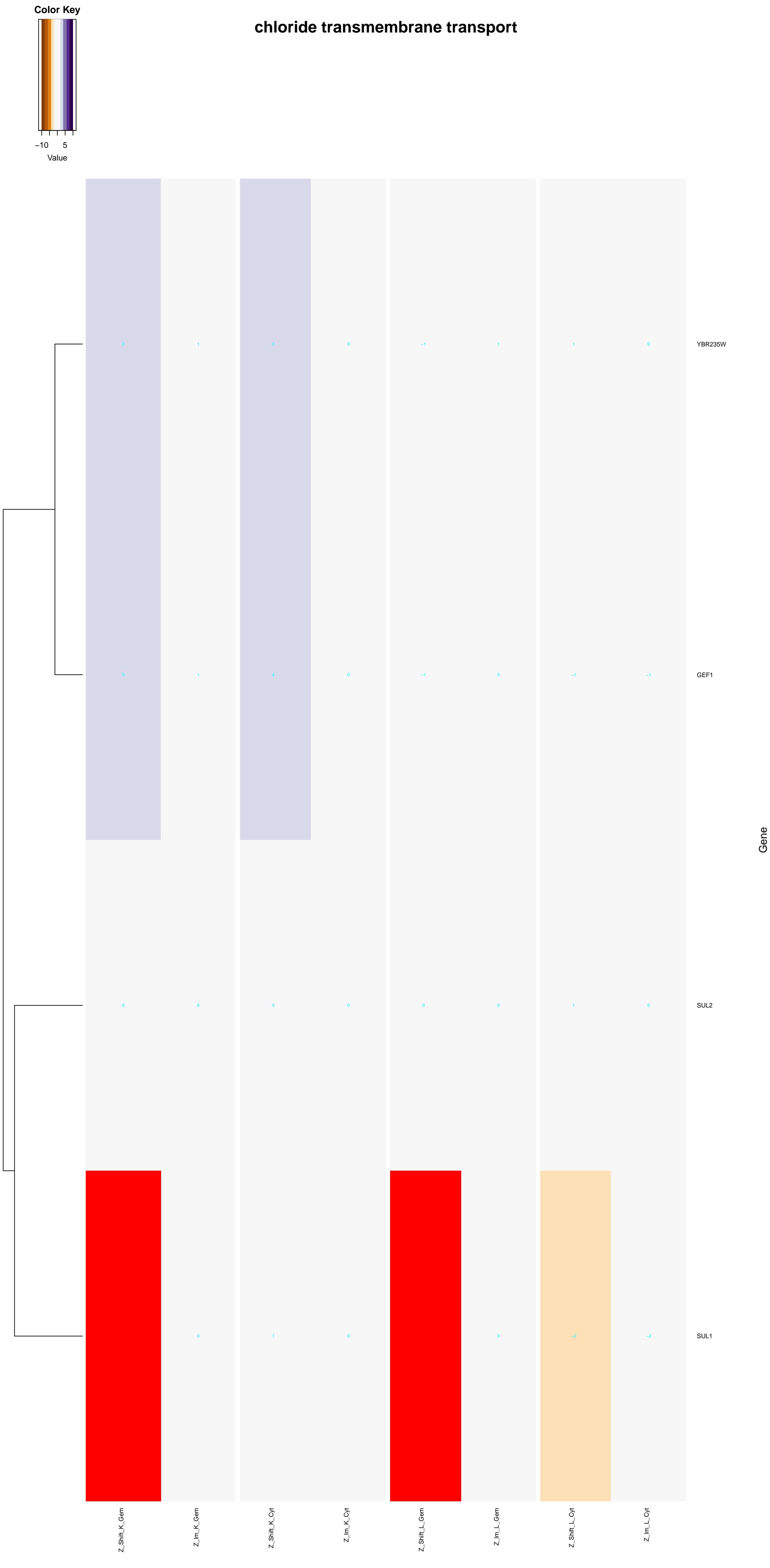
carboxylic acid transmembrane transport

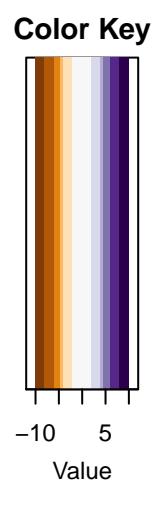




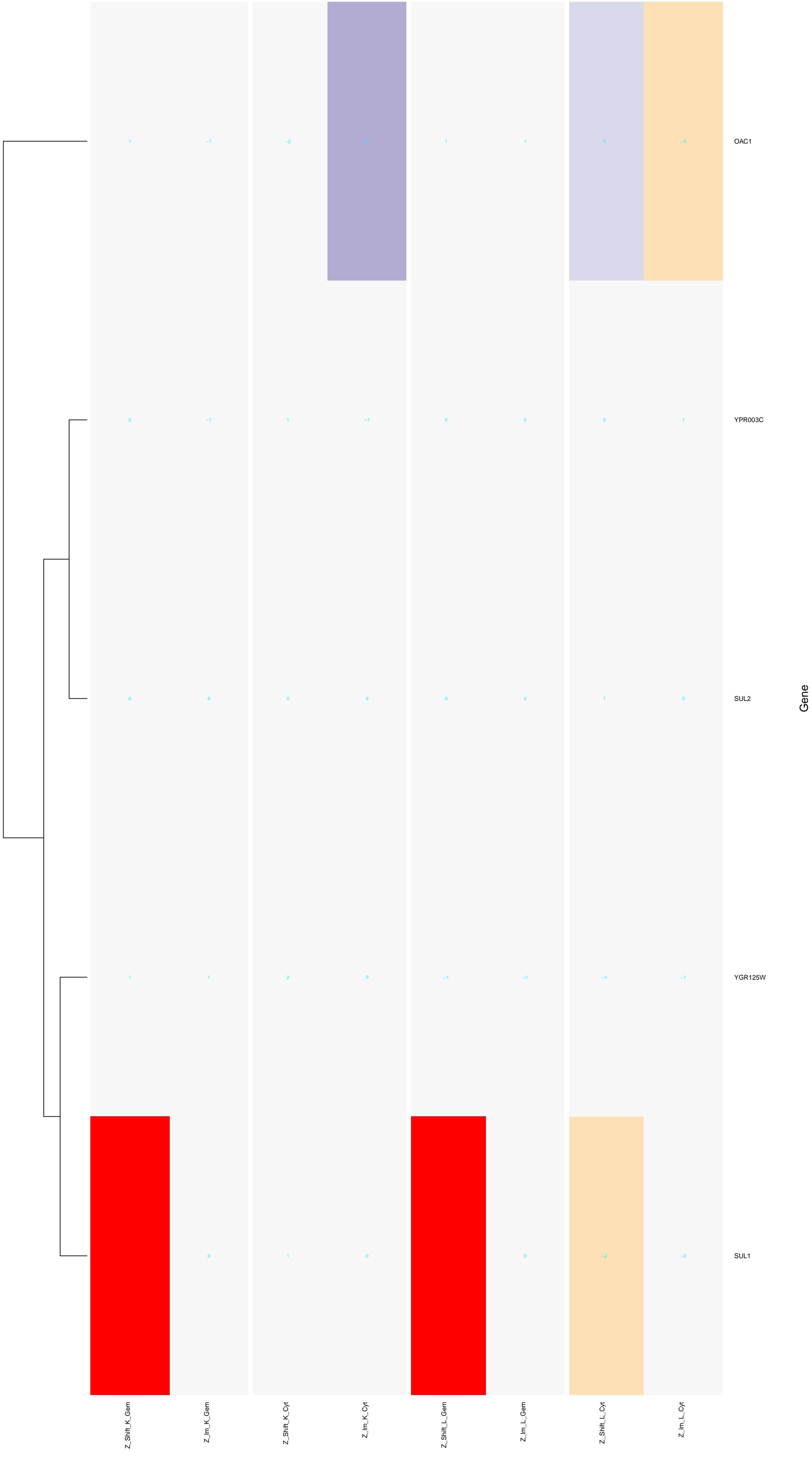
phosphate ion transmembrane transport



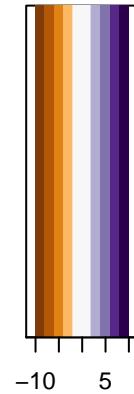




sulfate transmembrane transport



Color Key

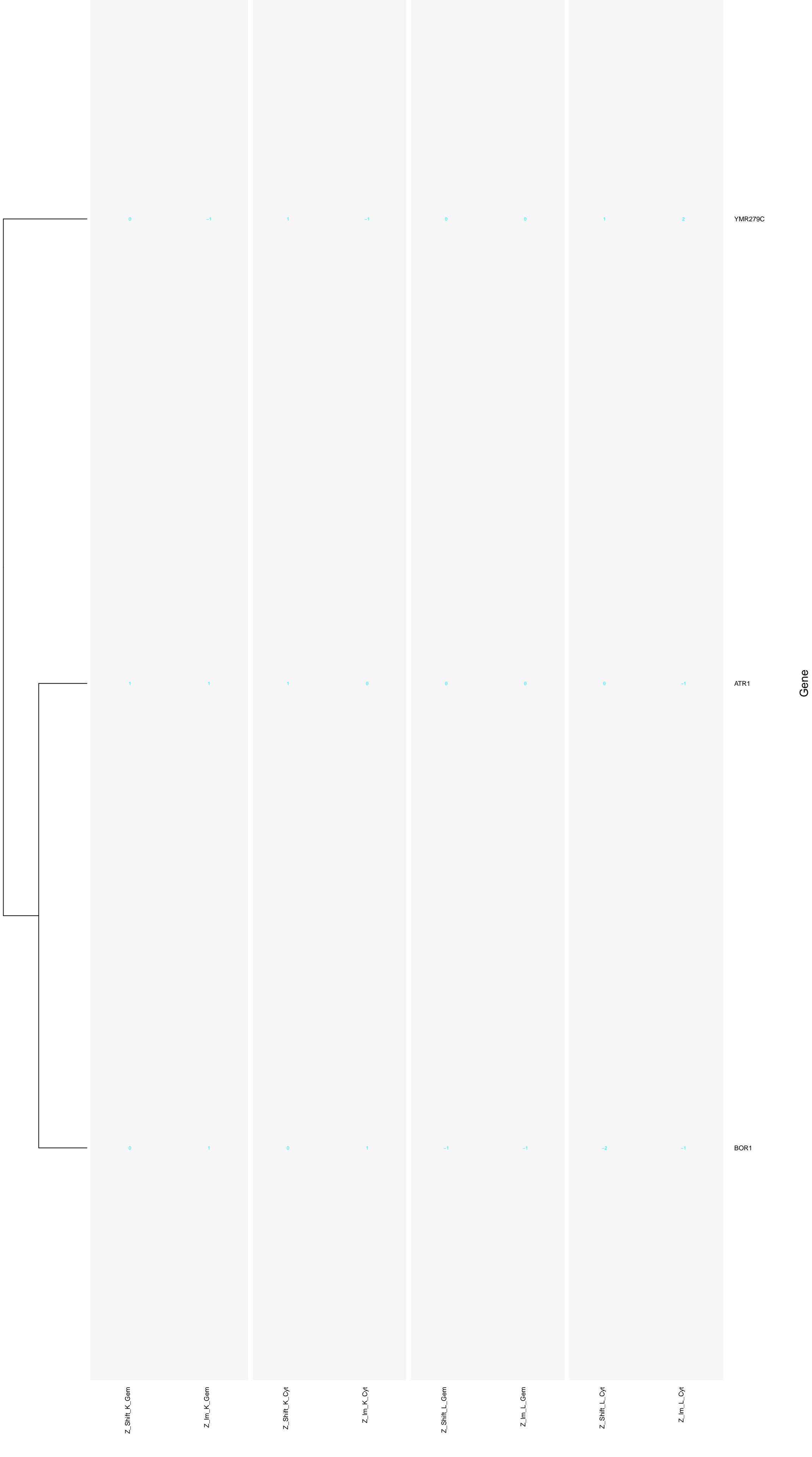


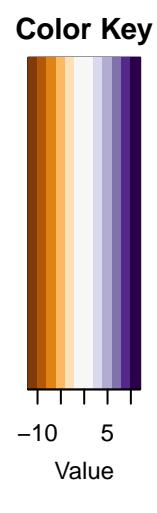
borate transmembrane transport

-10

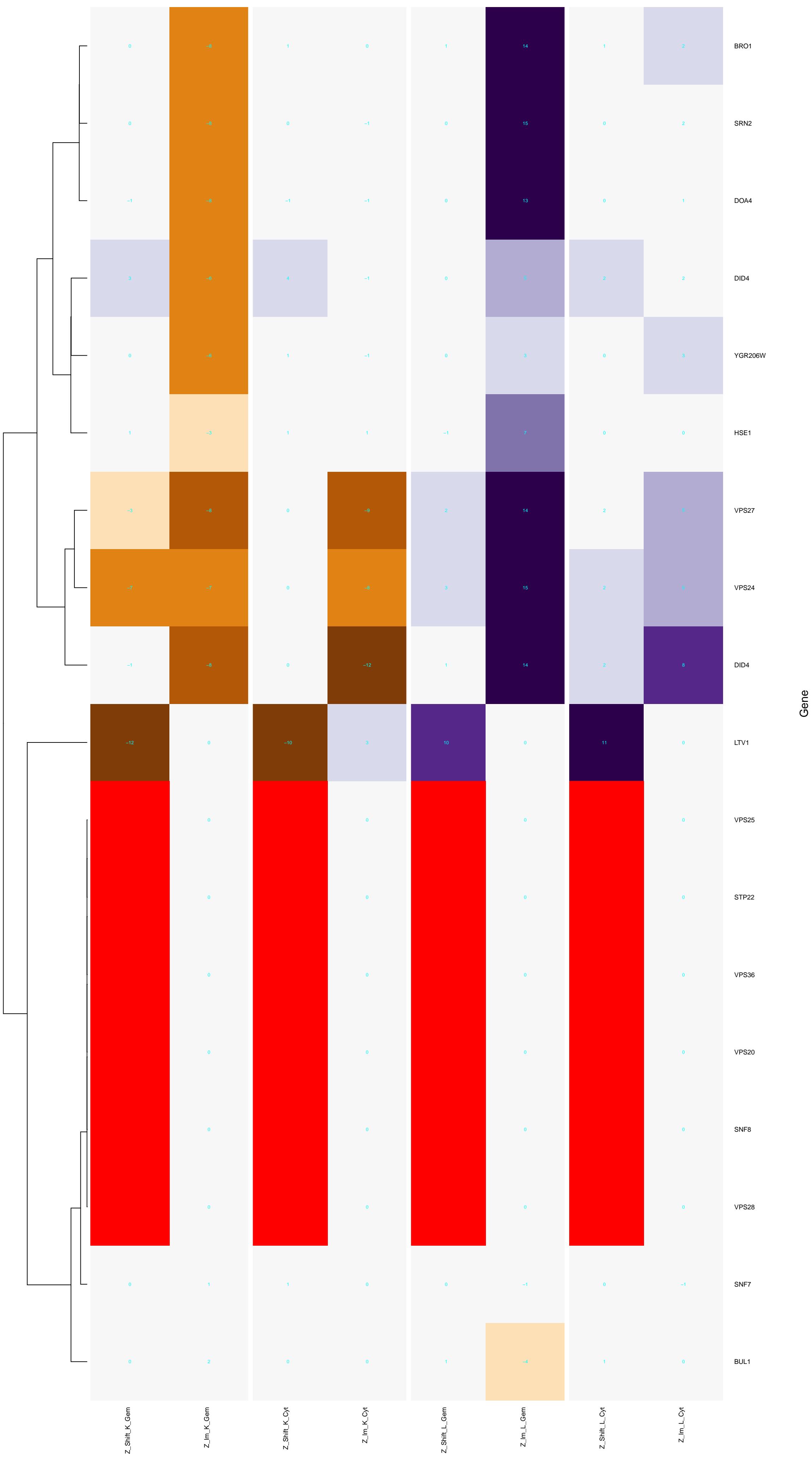
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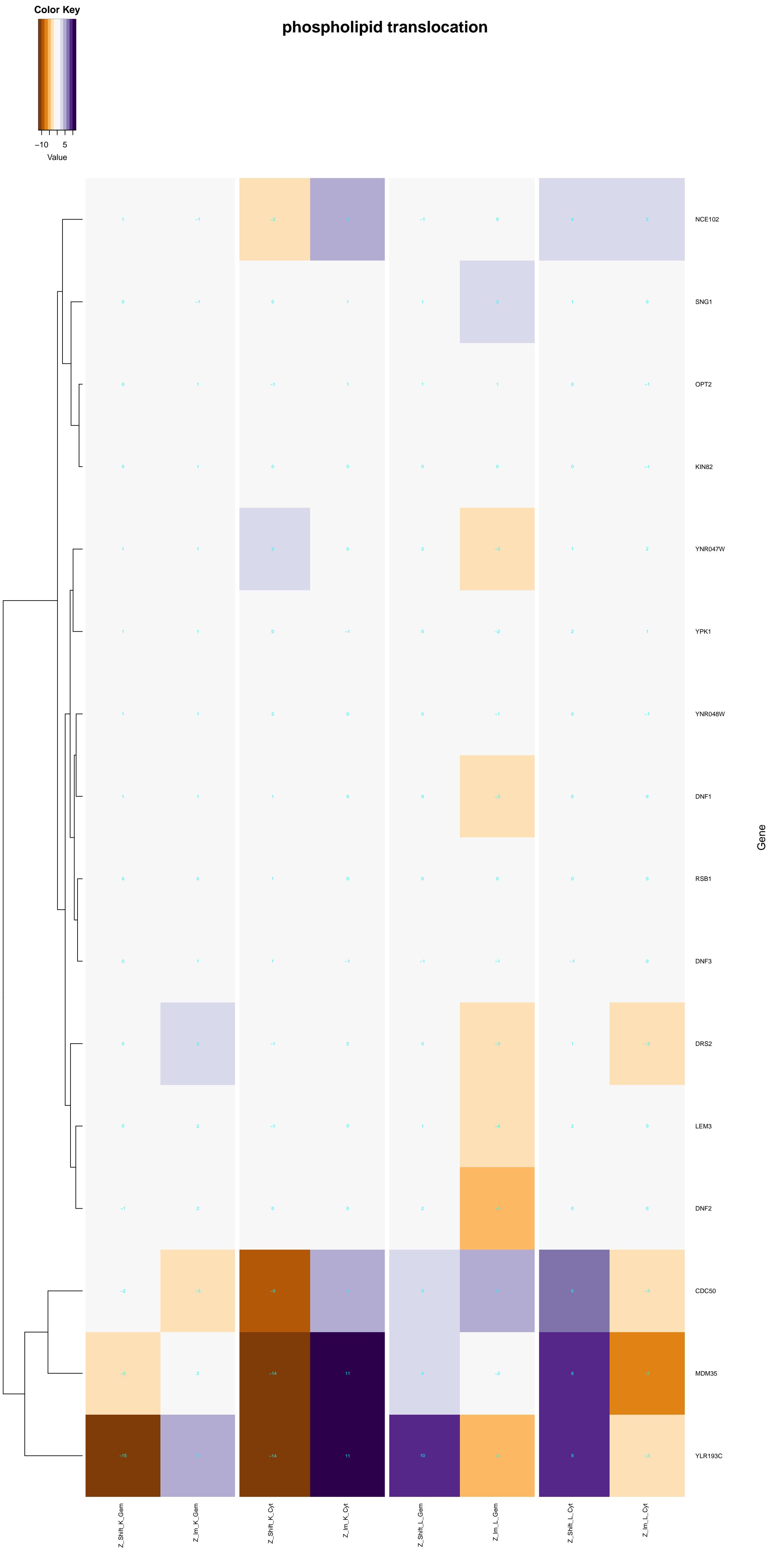
Value





ATP export

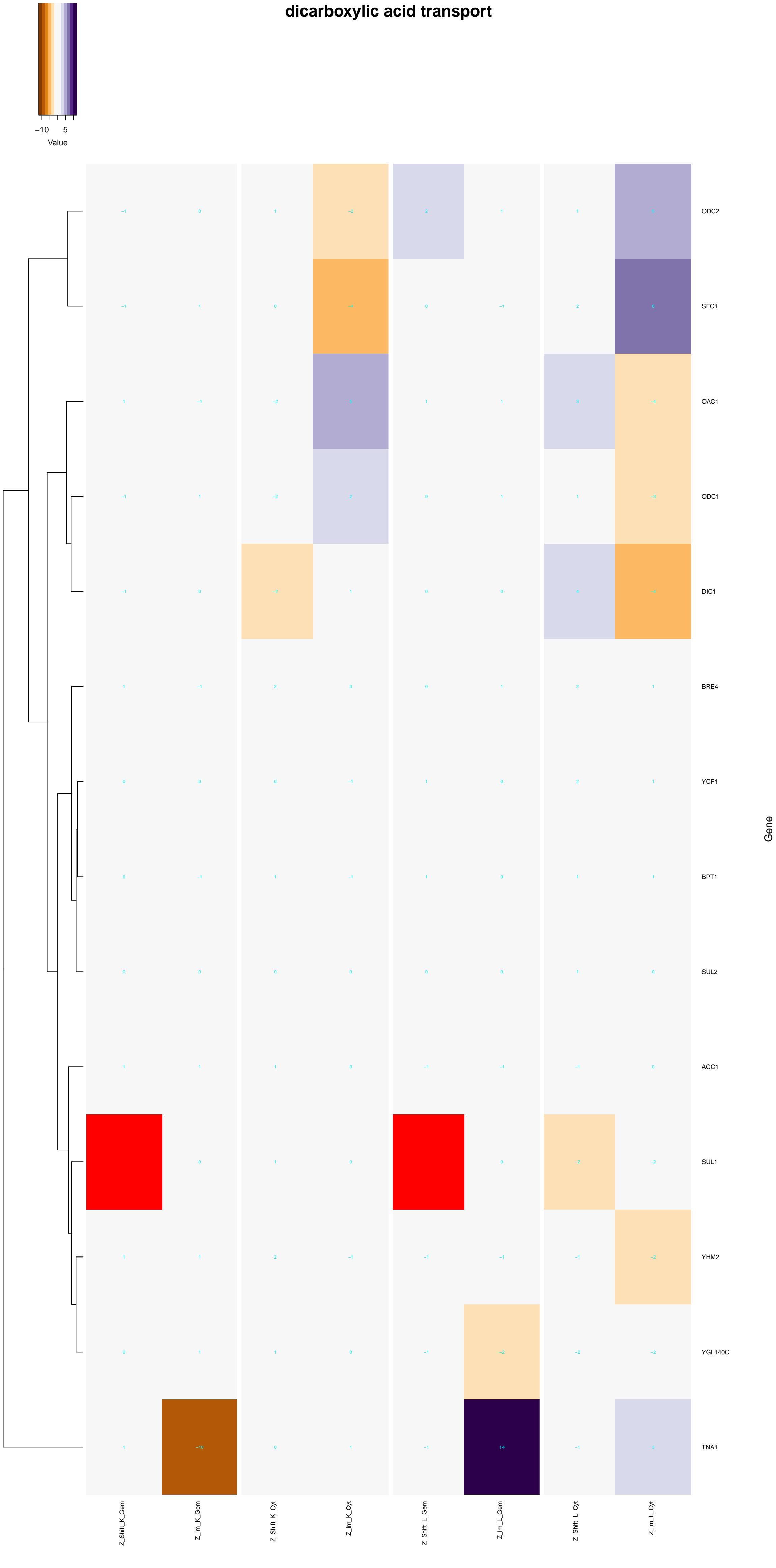


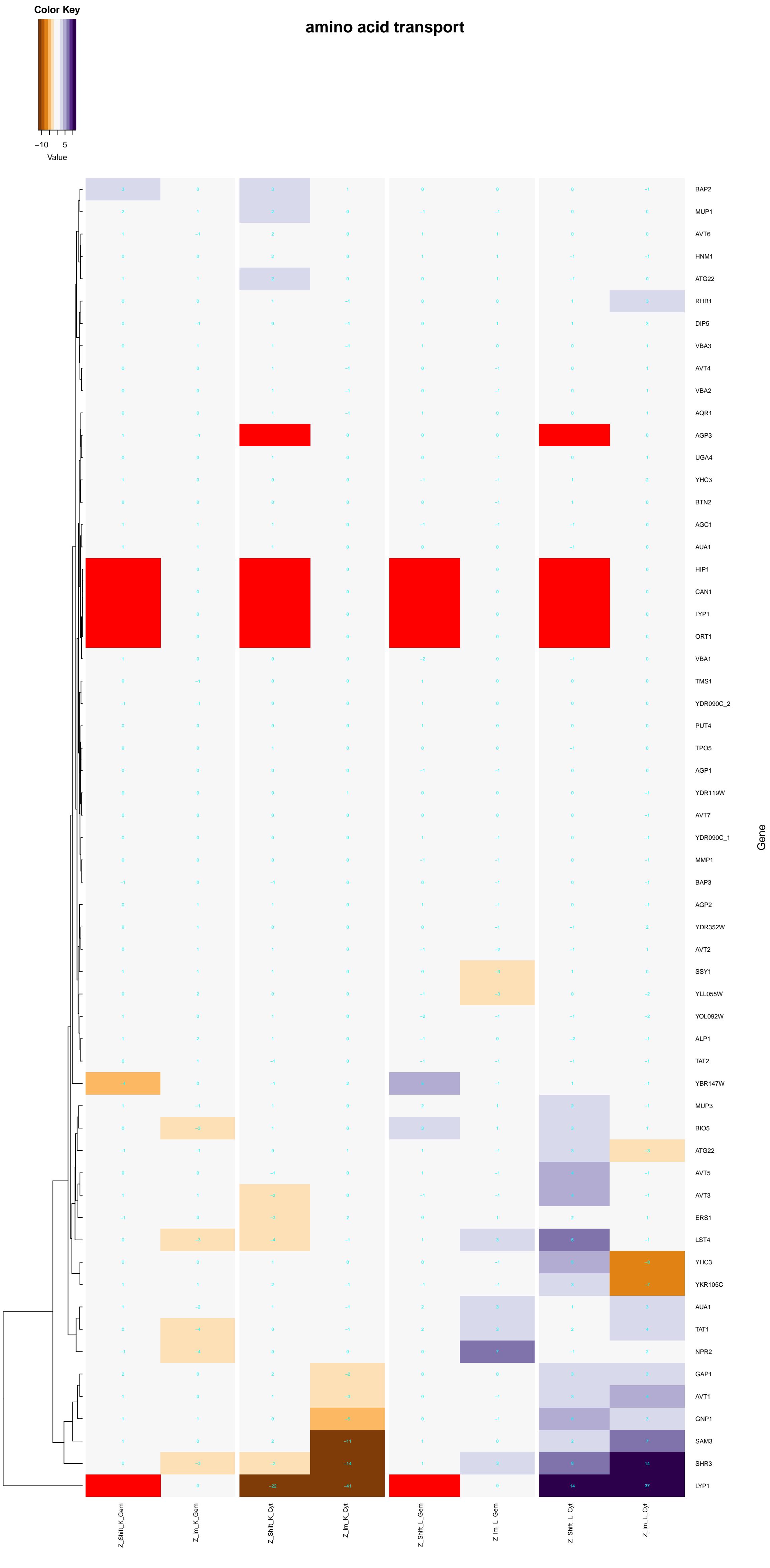


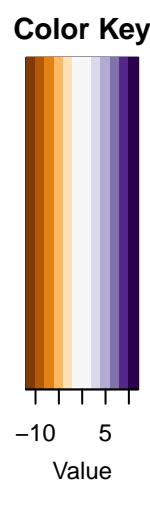
Color Key



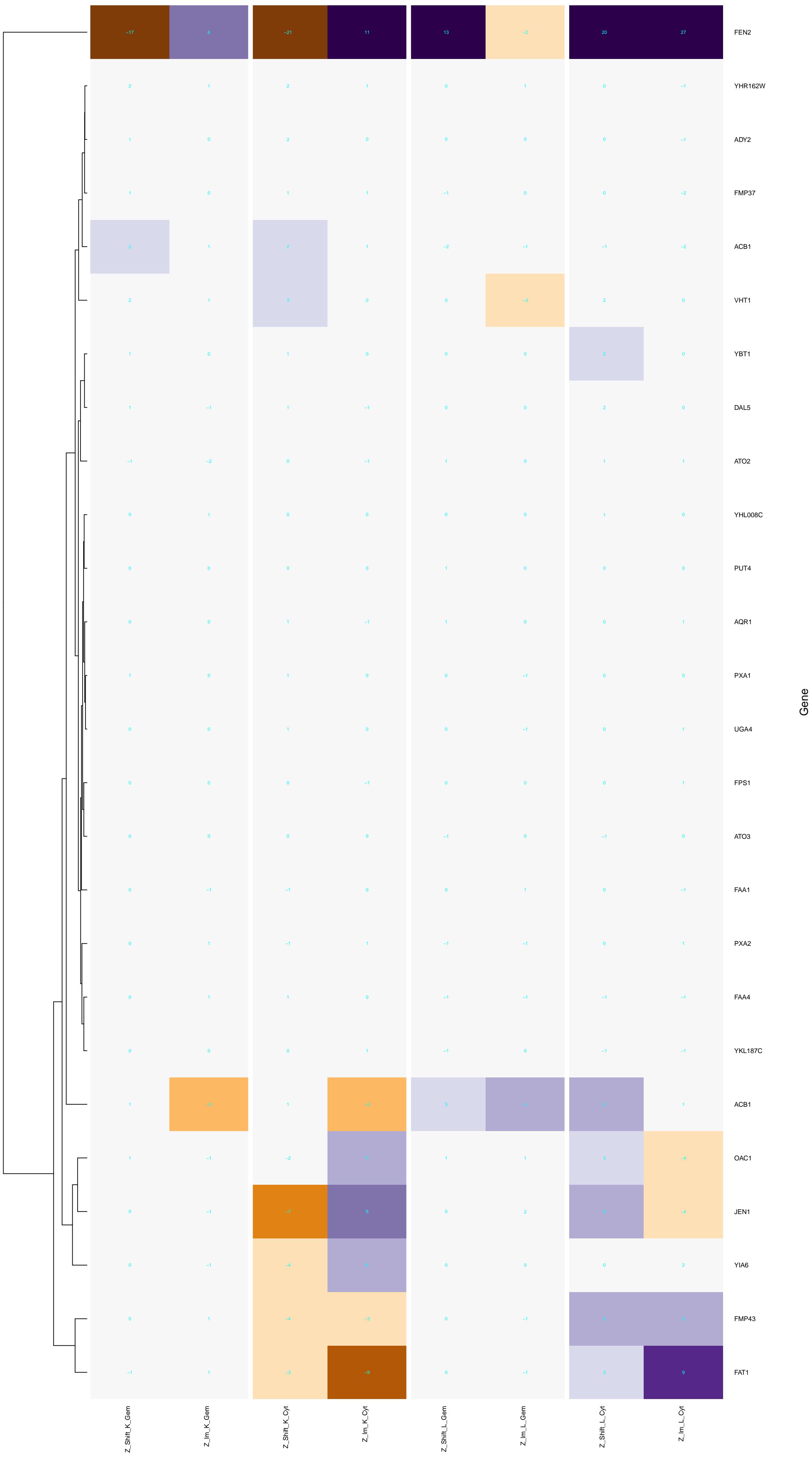
dicarboxylic acid transport

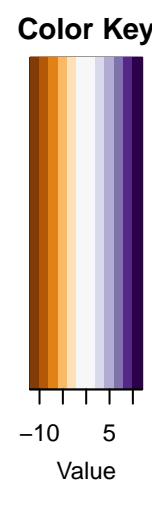




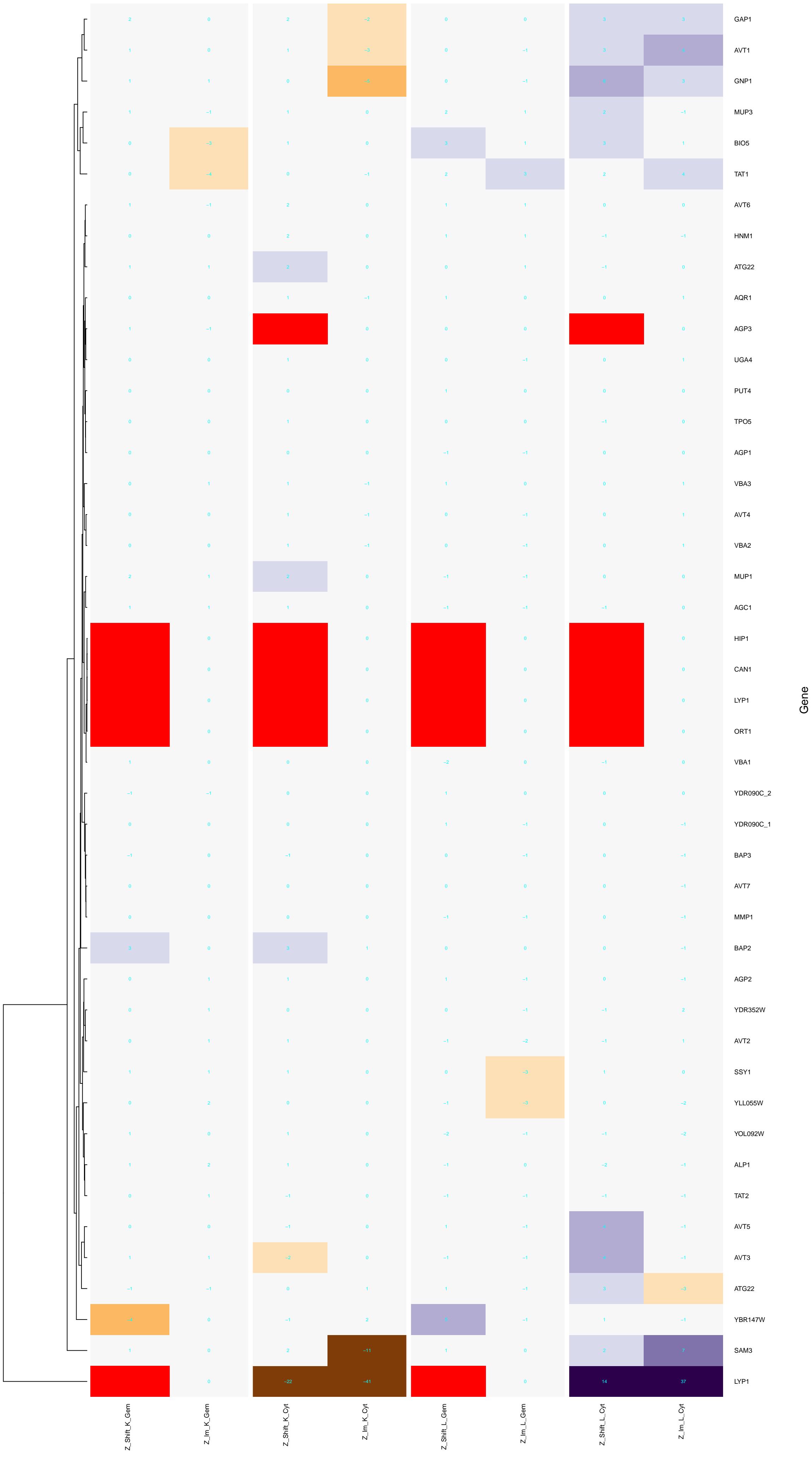


monocarboxylic acid transport

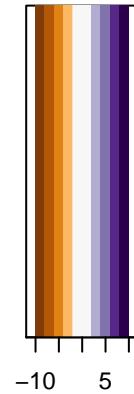




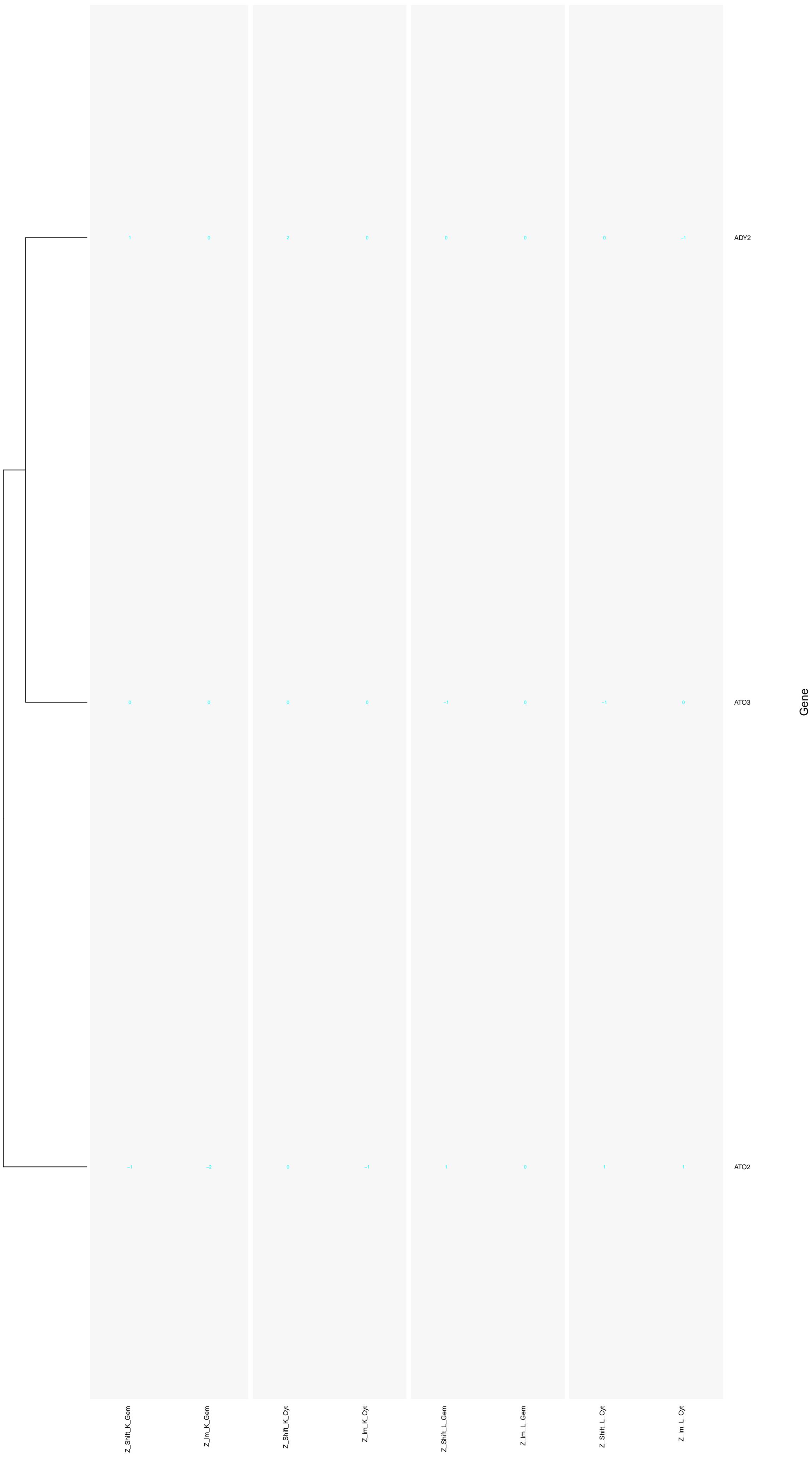
amino acid transmembrane transport

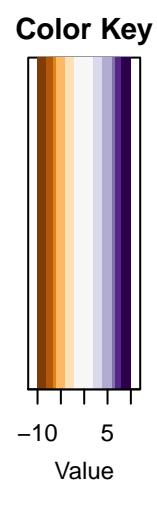


Color Key

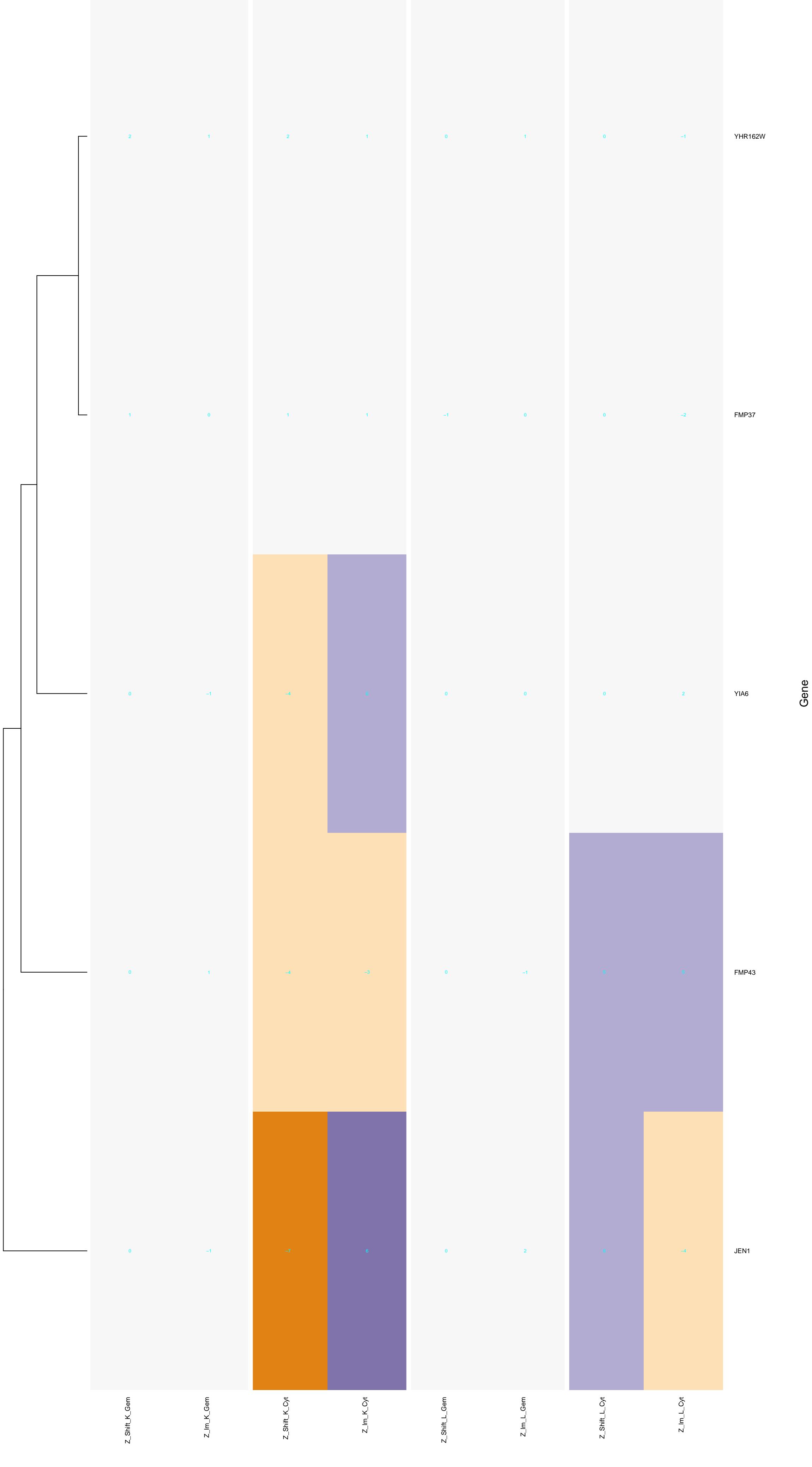


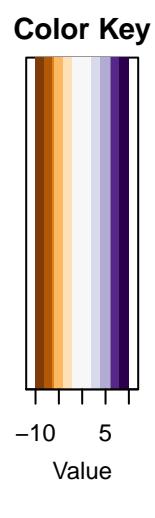
acetate transmembrane transport



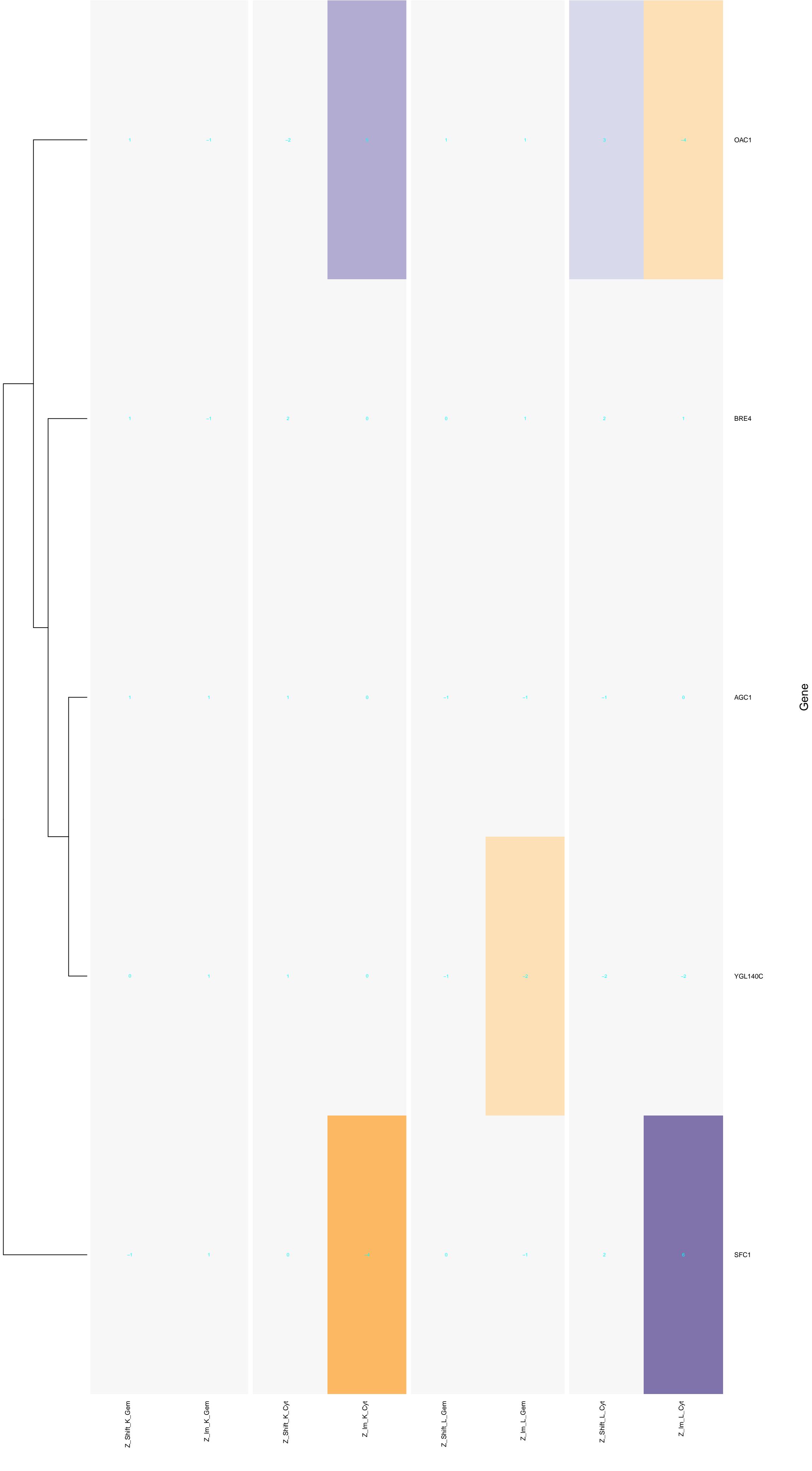


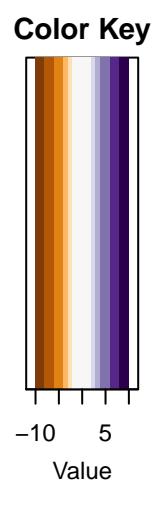
pyruvate transmembrane transport



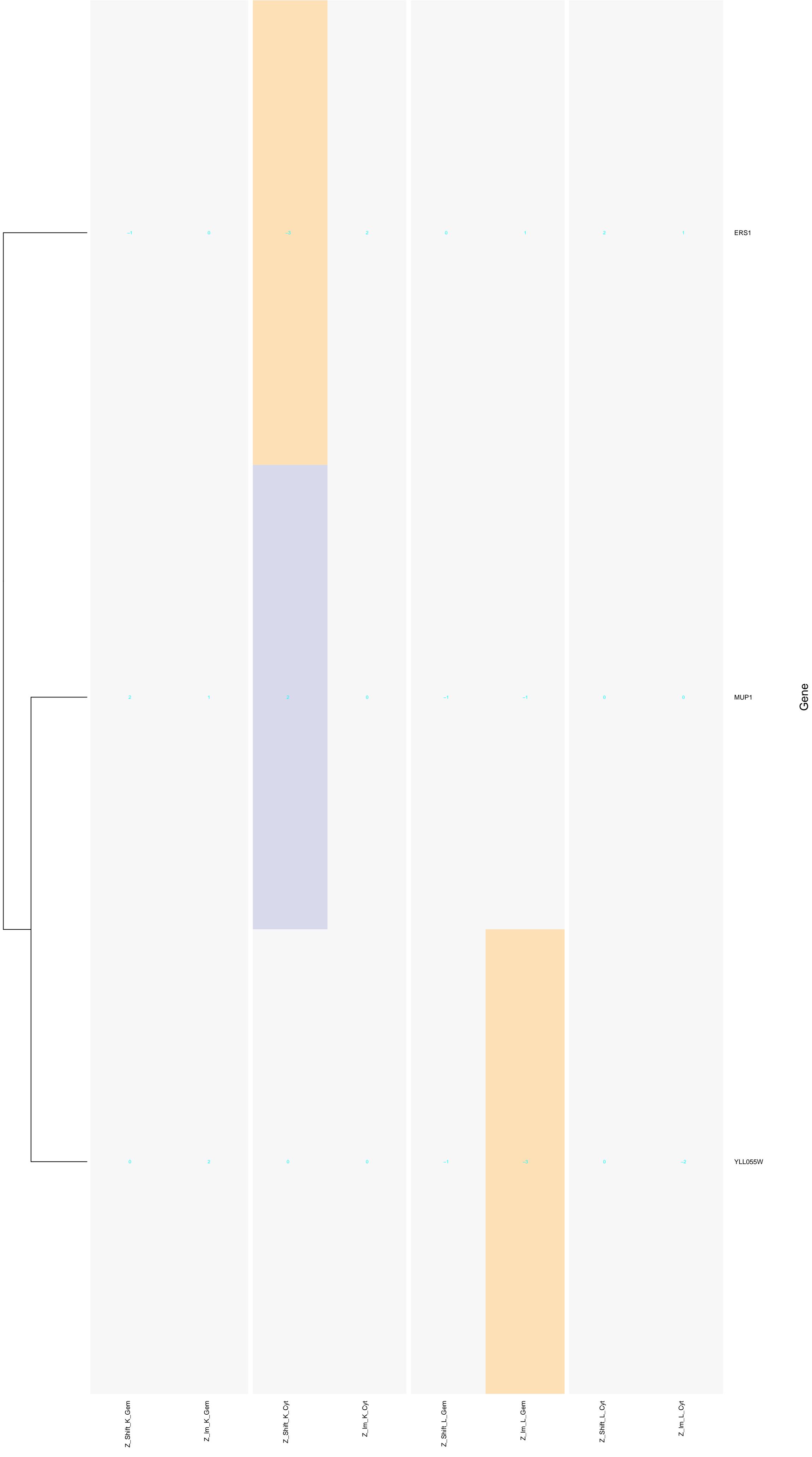


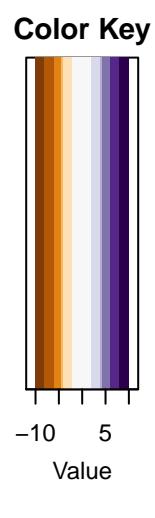
C4-dicarboxylate transport



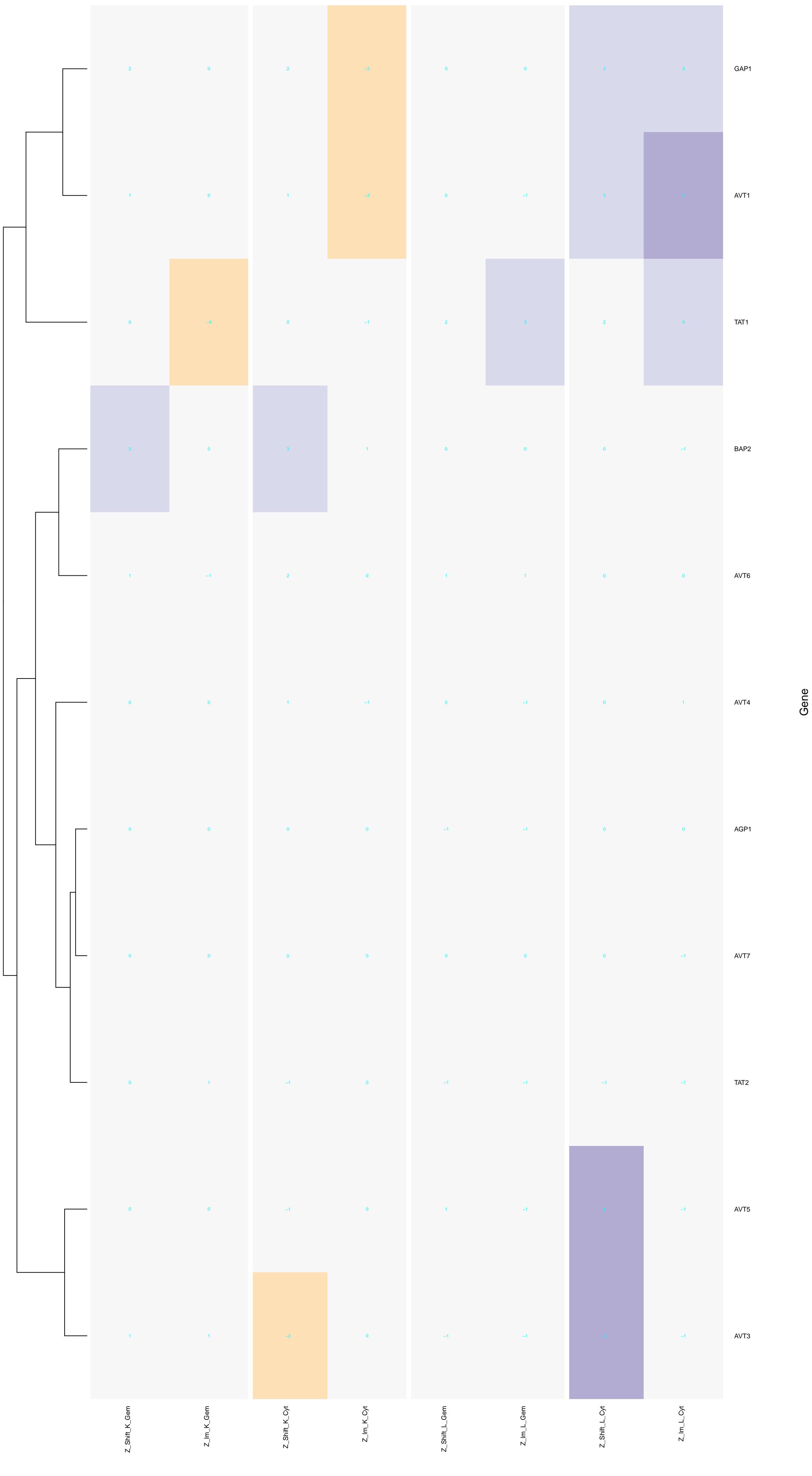


sulfur amino acid transport





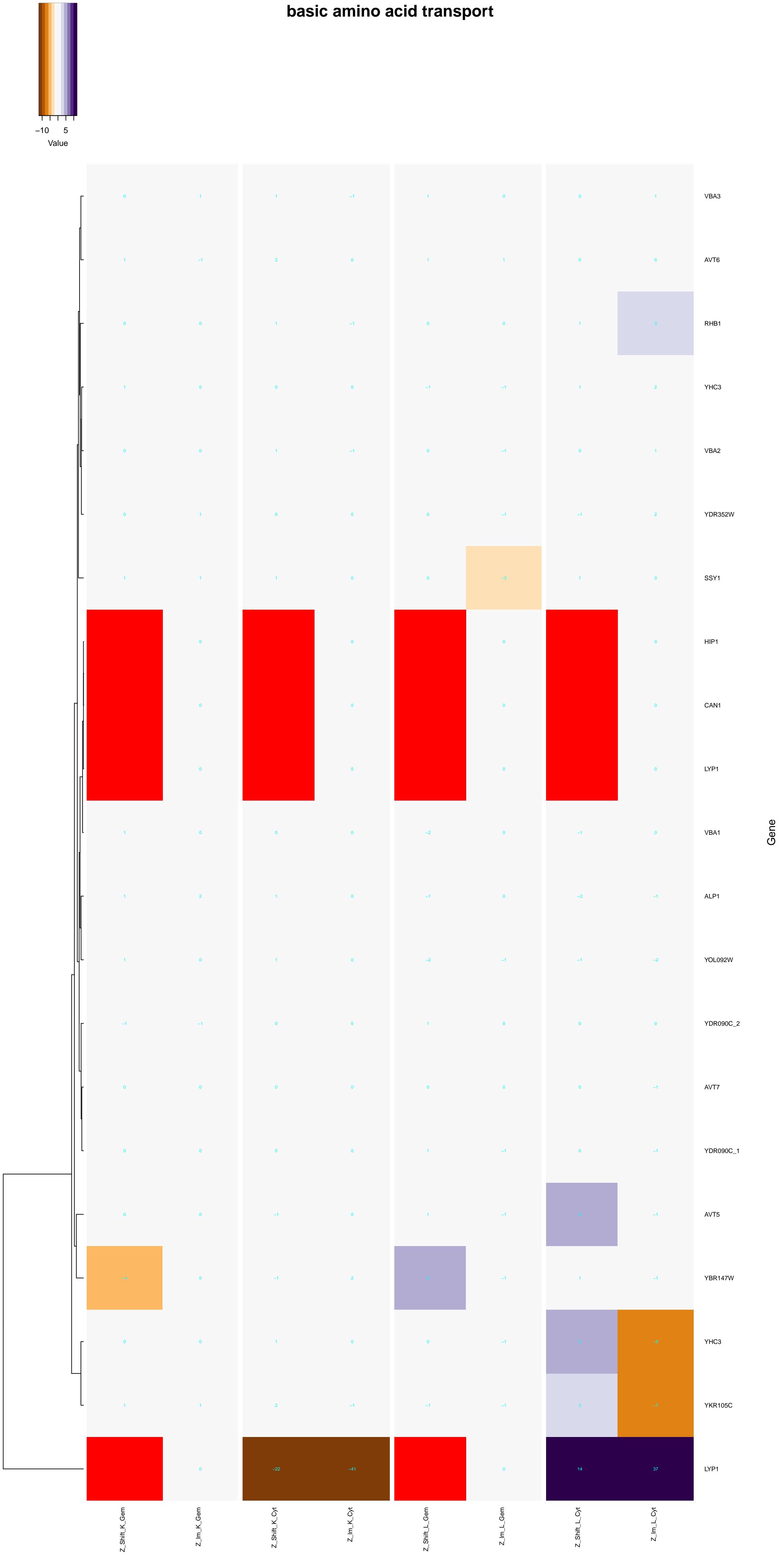
aromatic amino acid transport

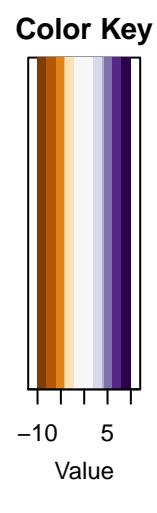


Color Key

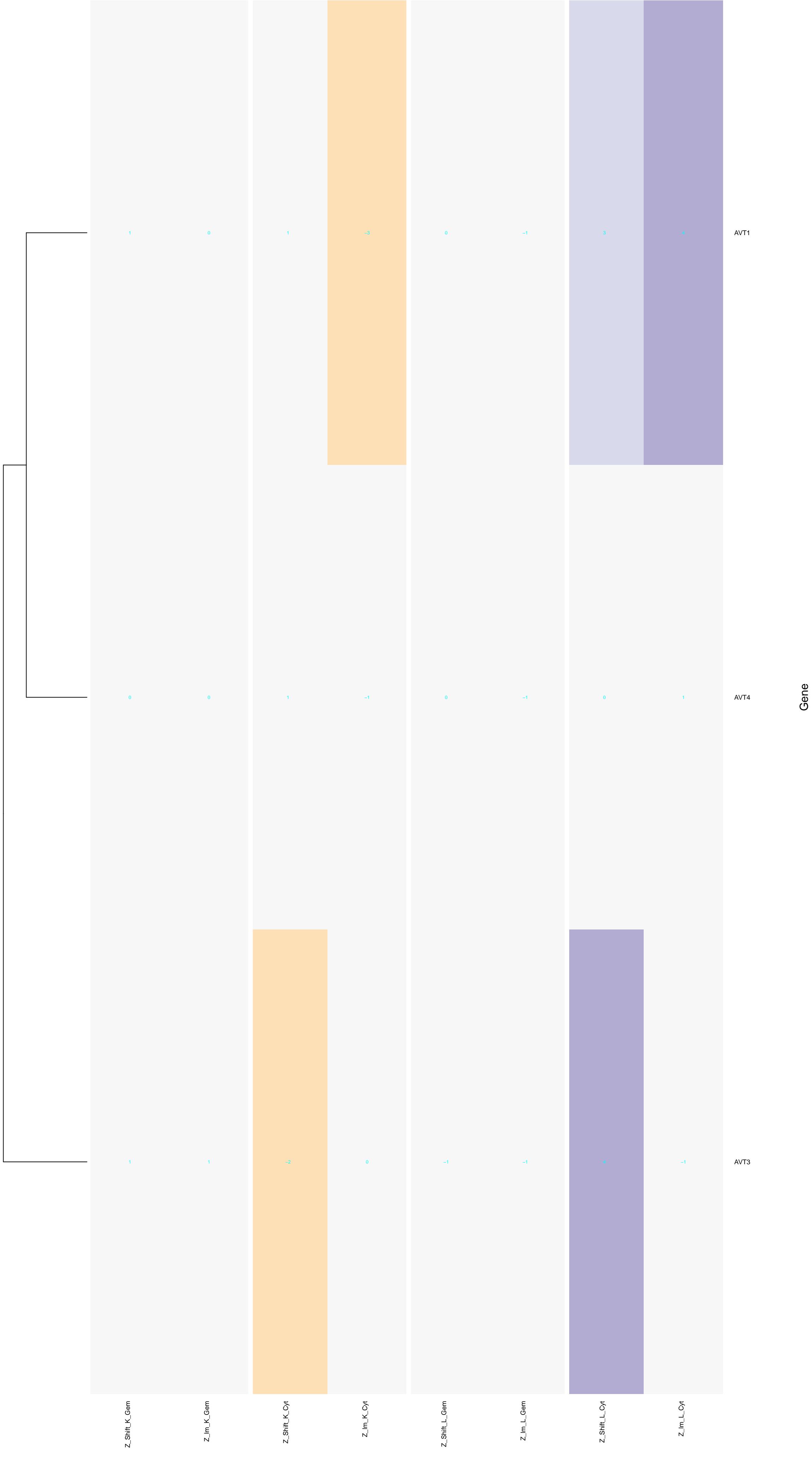


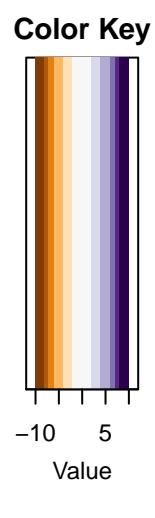
basic amino acid transport



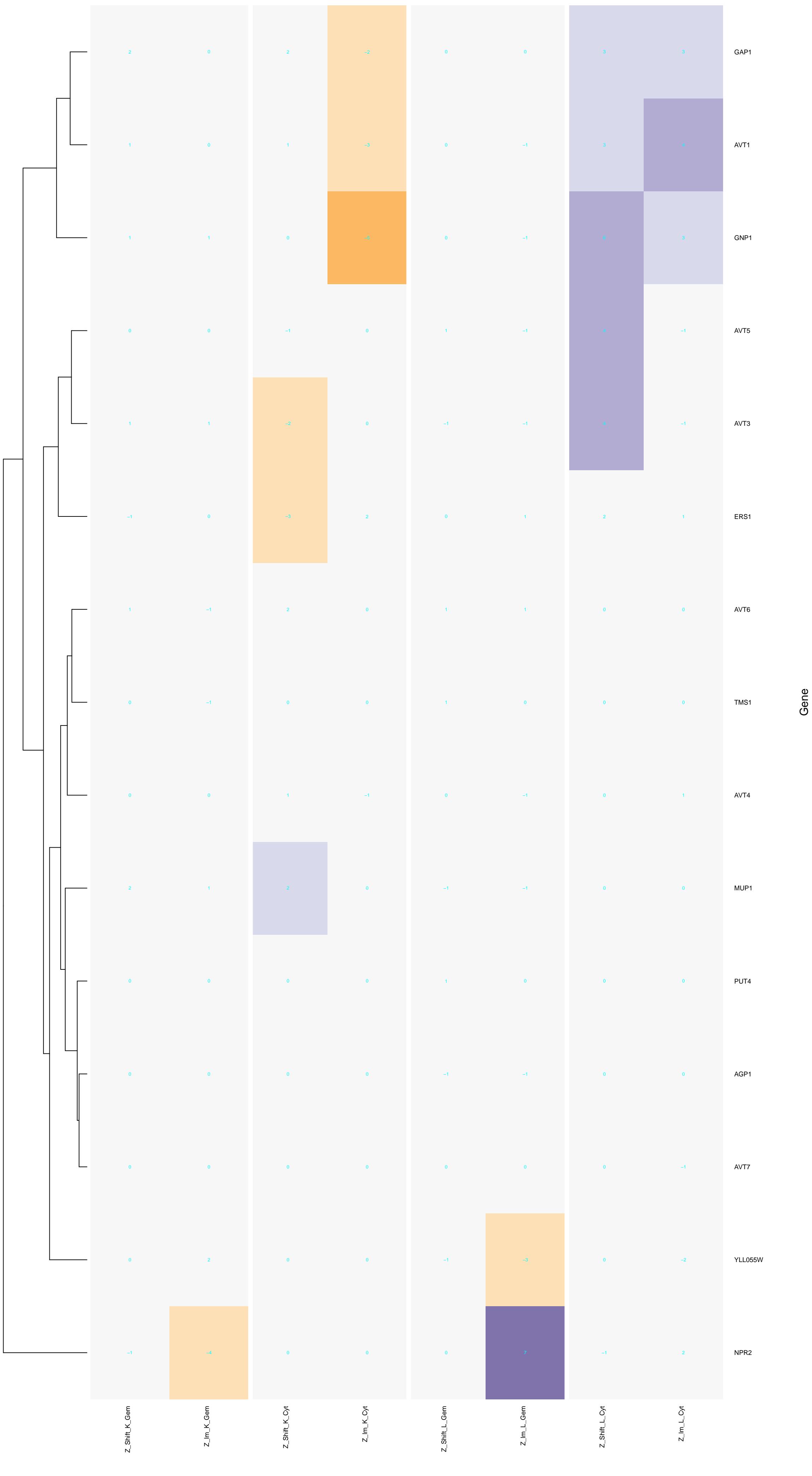


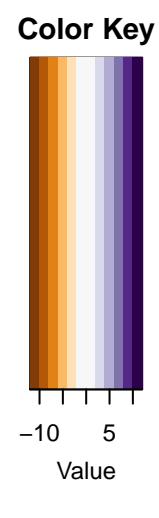
branched-chain amino acid transport



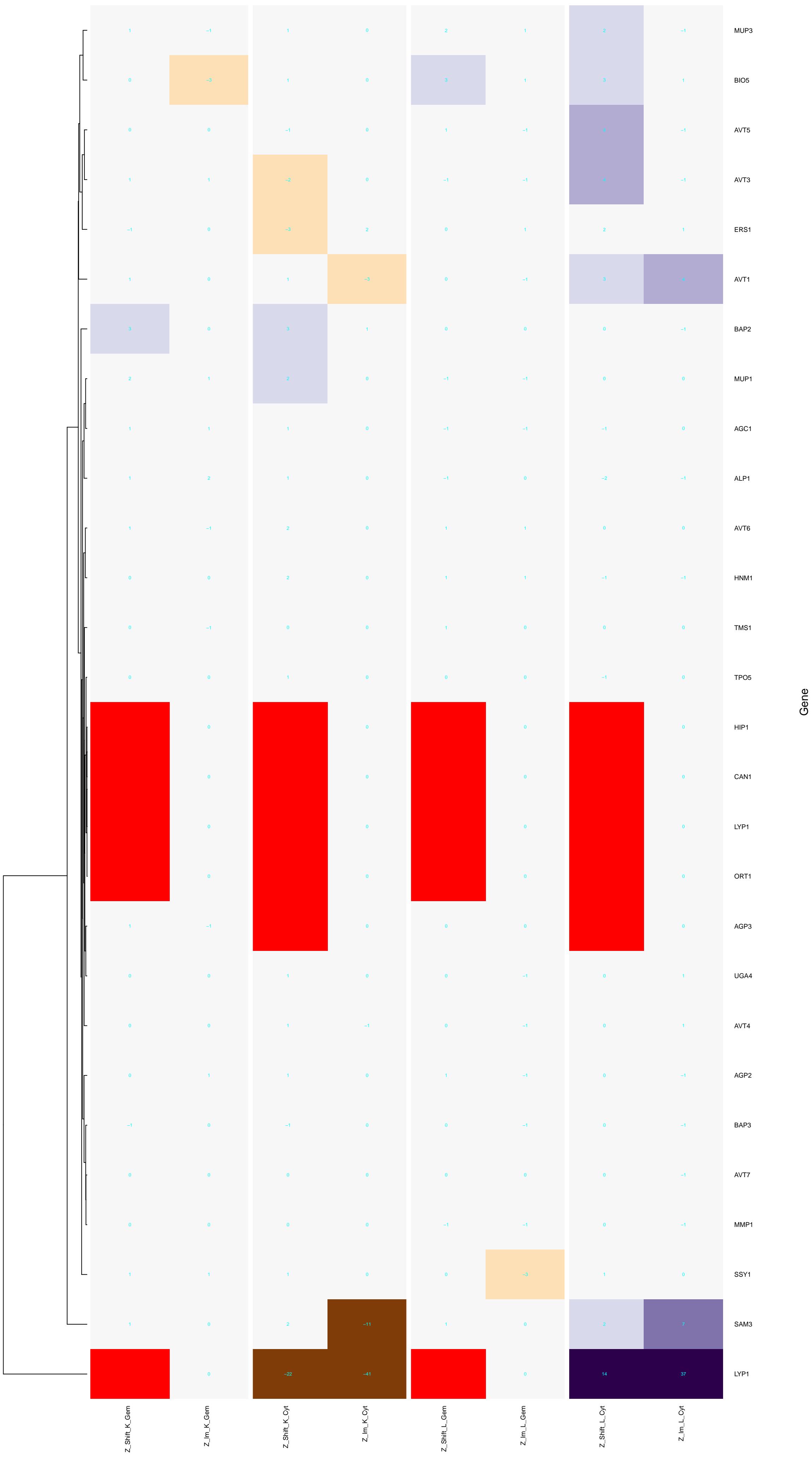


neutral amino acid transport

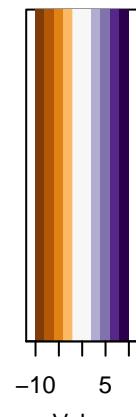




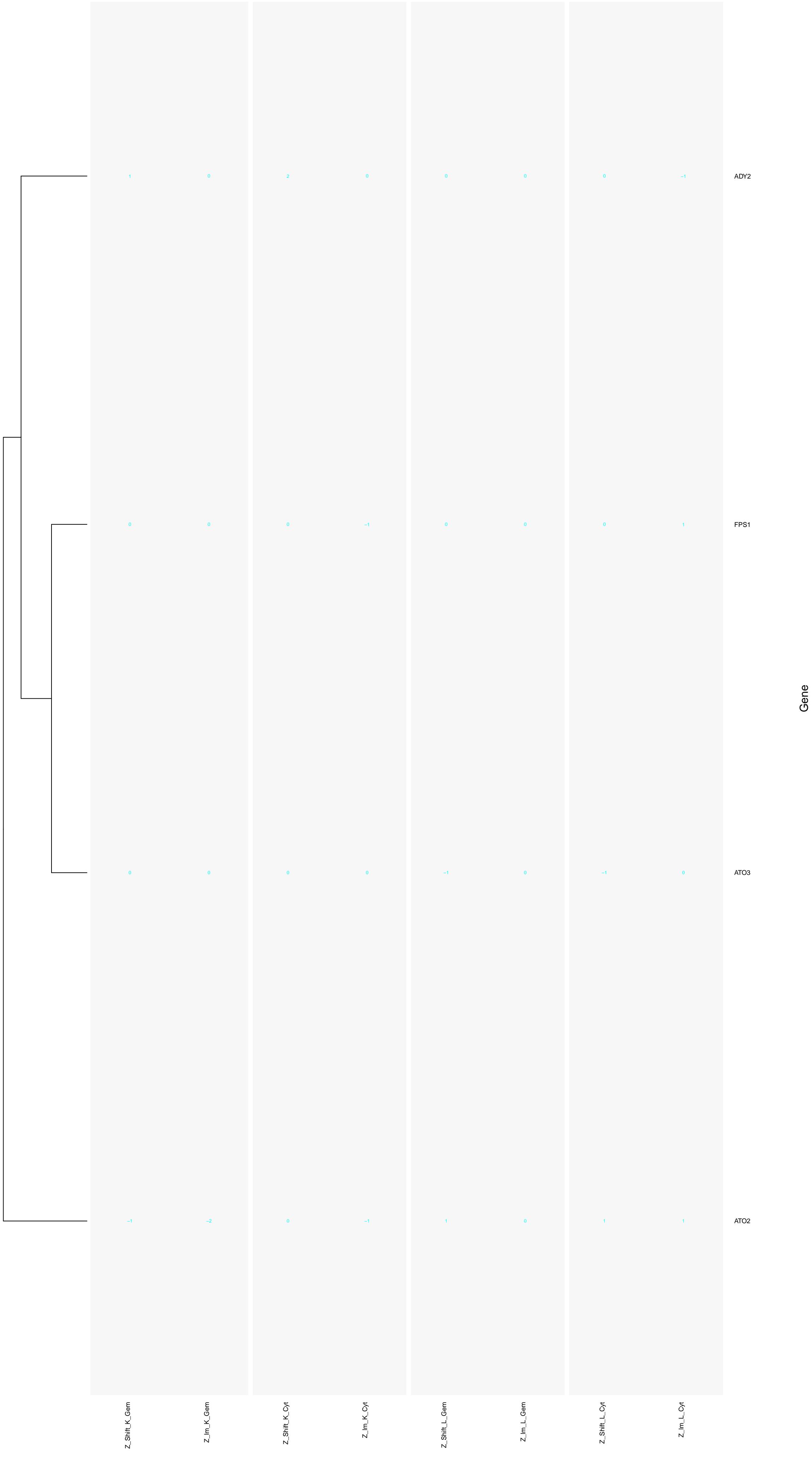
L-amino acid transport

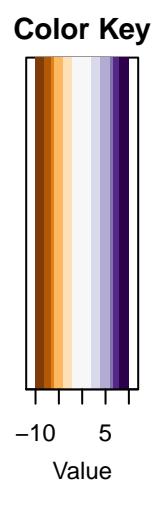


Color Key

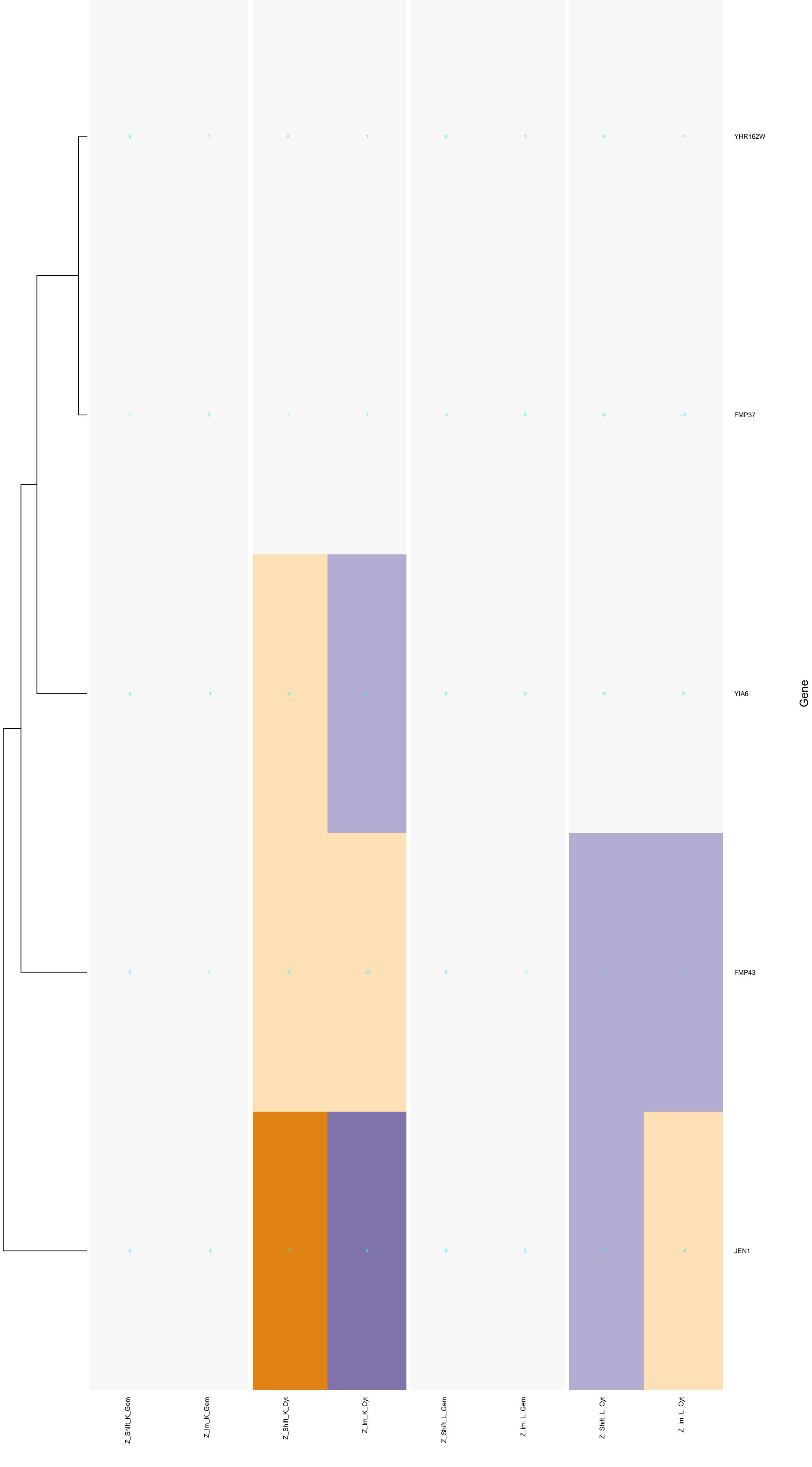


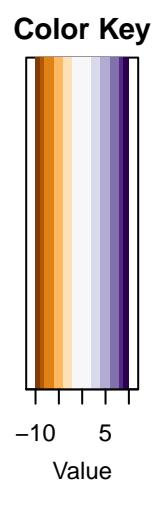
acetate transport



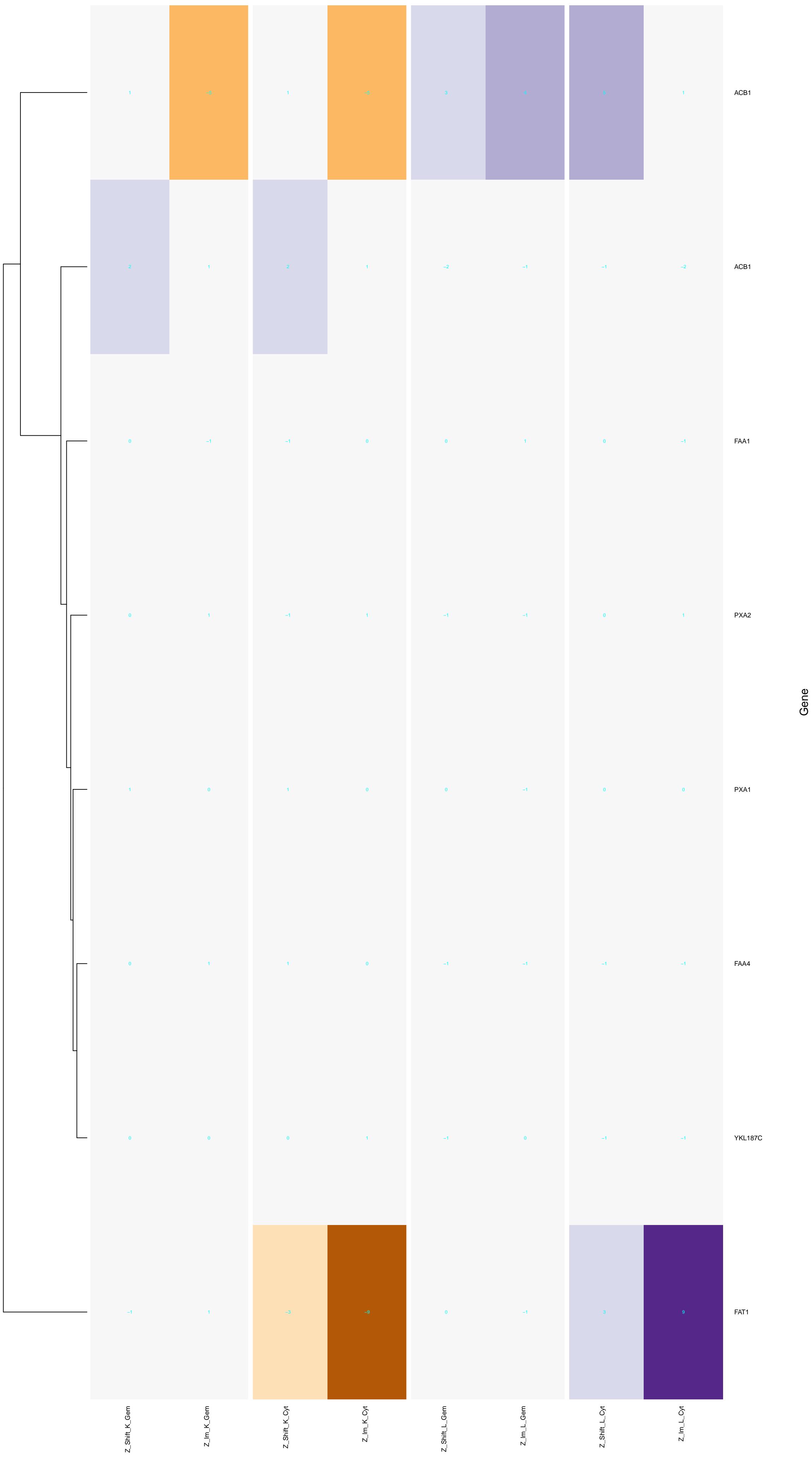


pyruvate transport

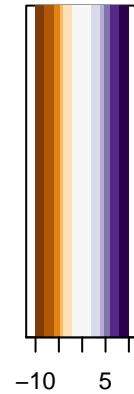




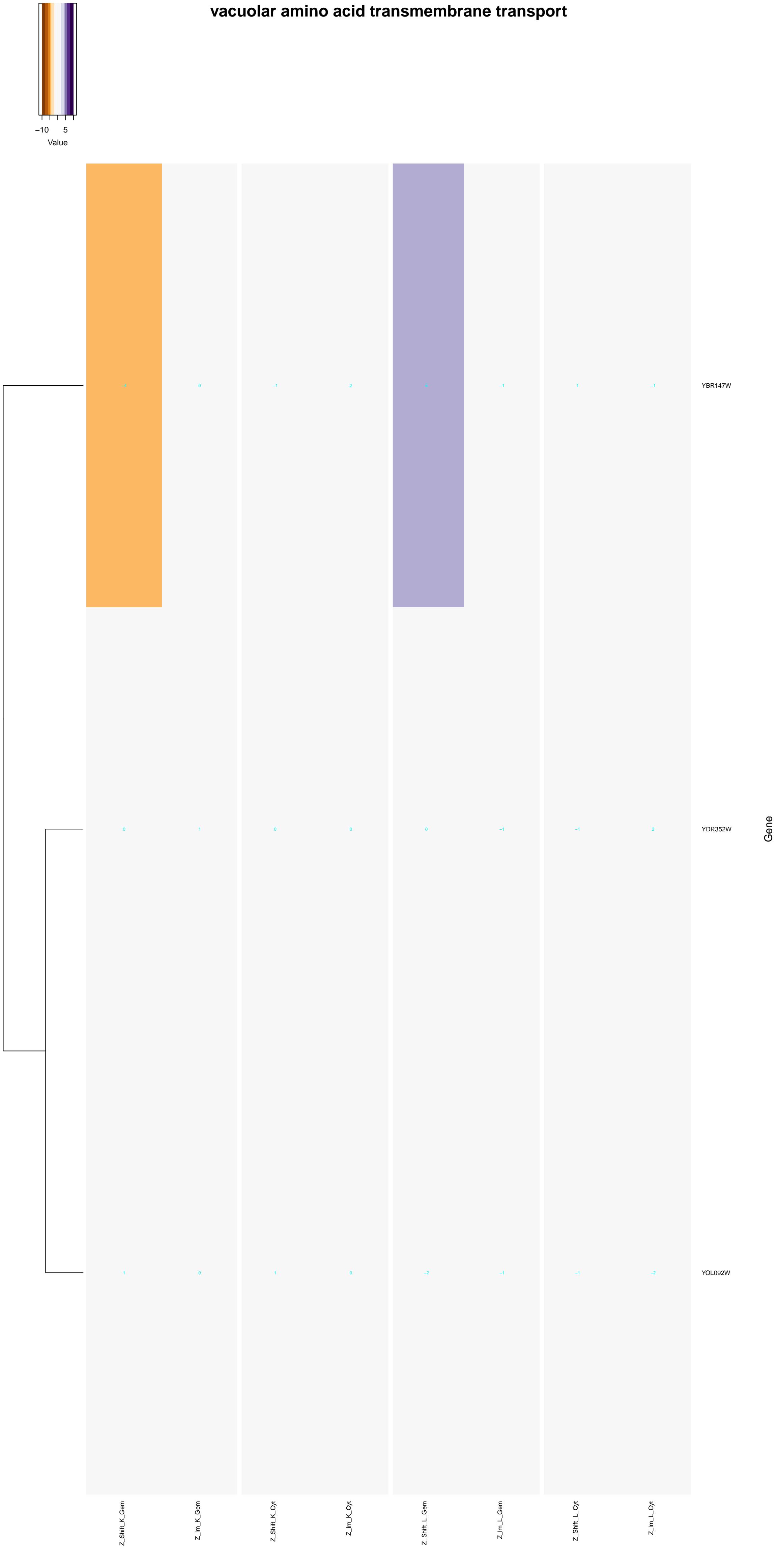
fatty acid transport



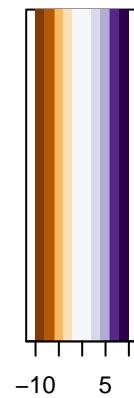
Color Key



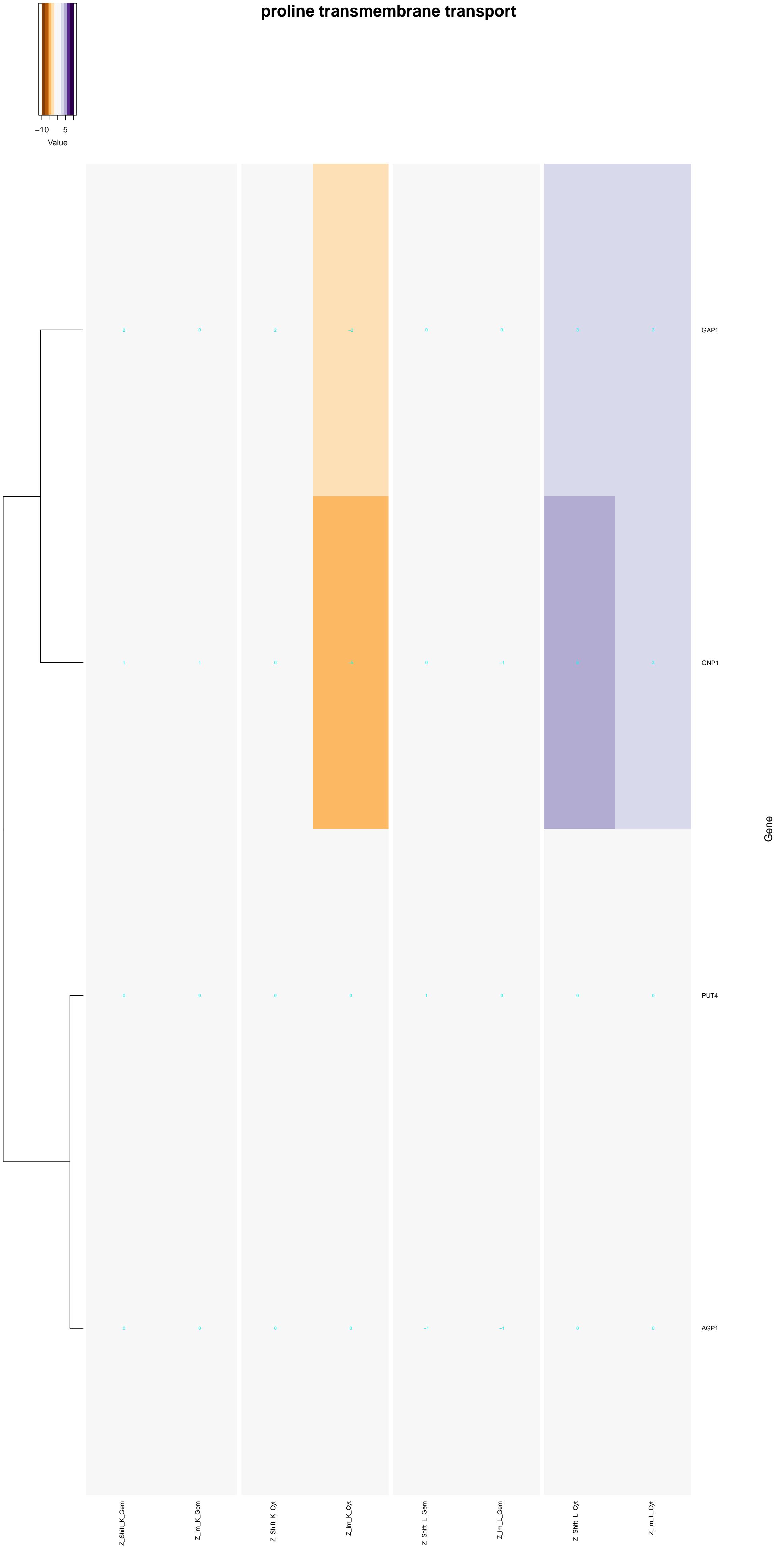
vacuolar amino acid transmembrane transport

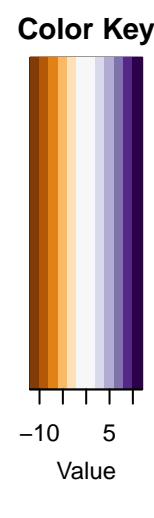


Color Key

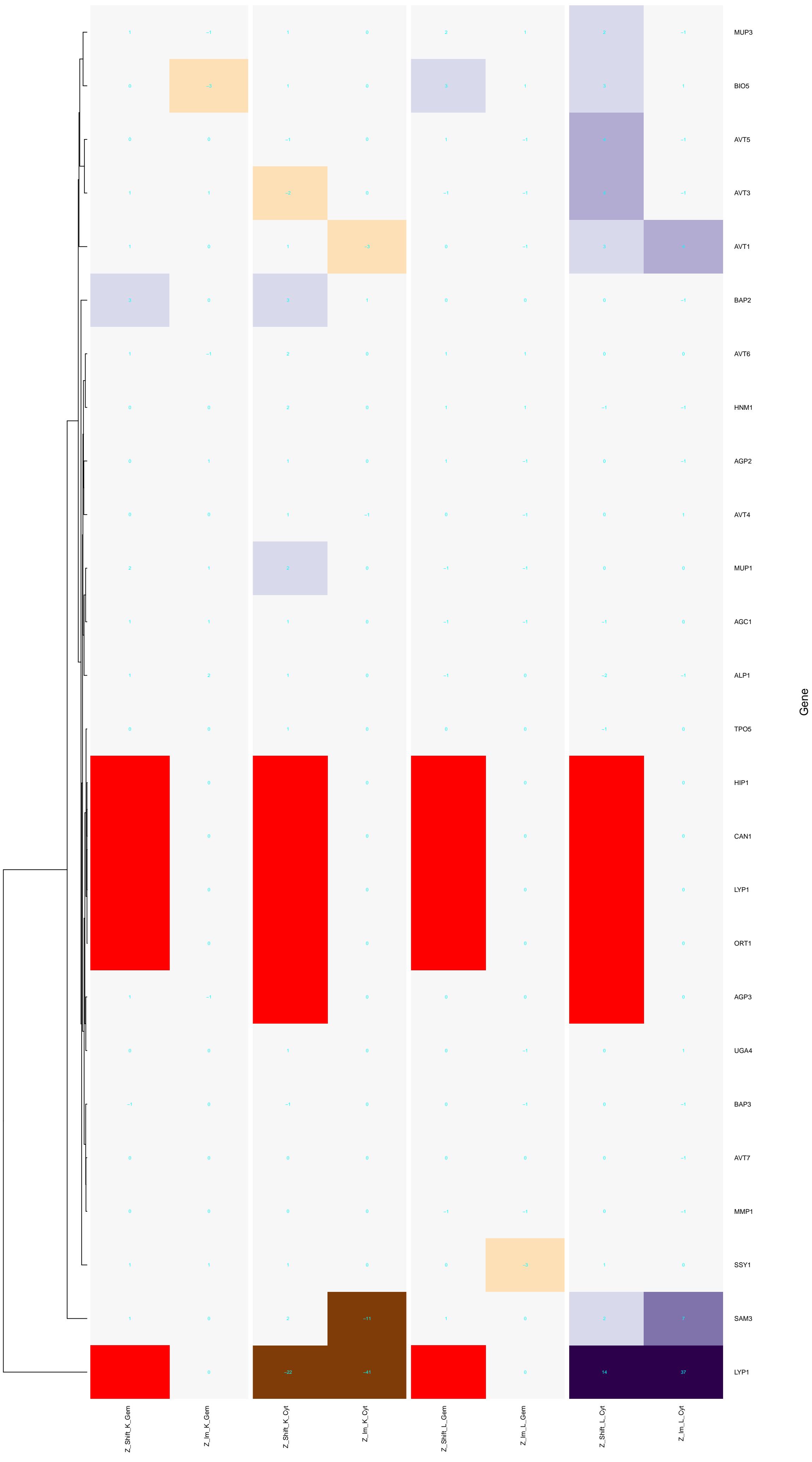


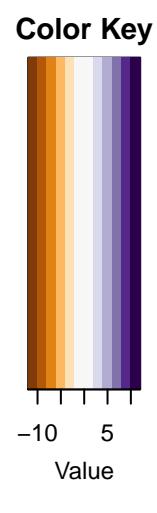
proline transmembrane transport



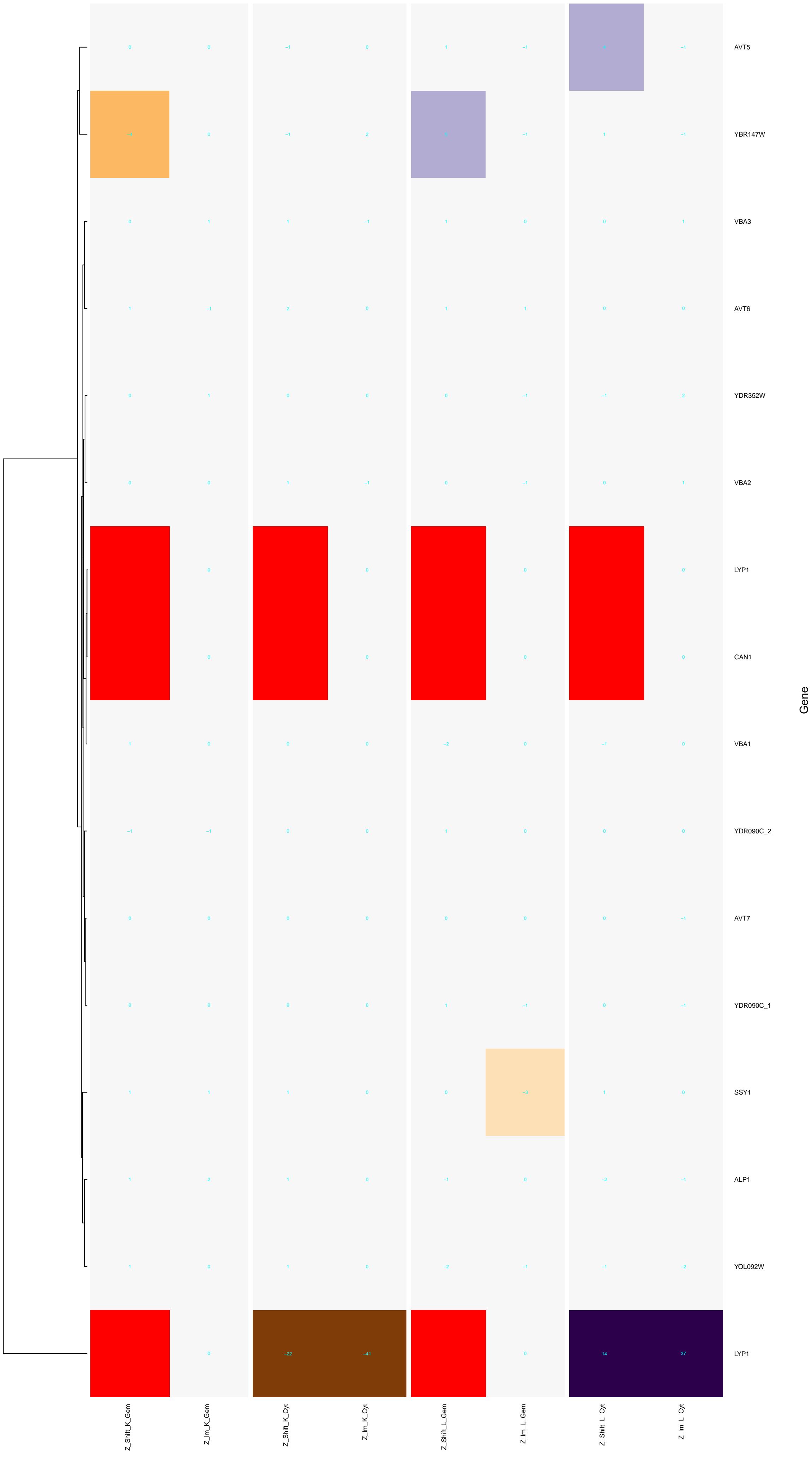


L-alpha-amino acid transmembrane transport

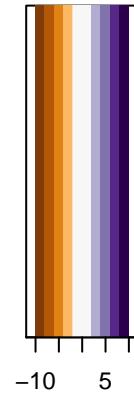




basic amino acid transmembrane transport



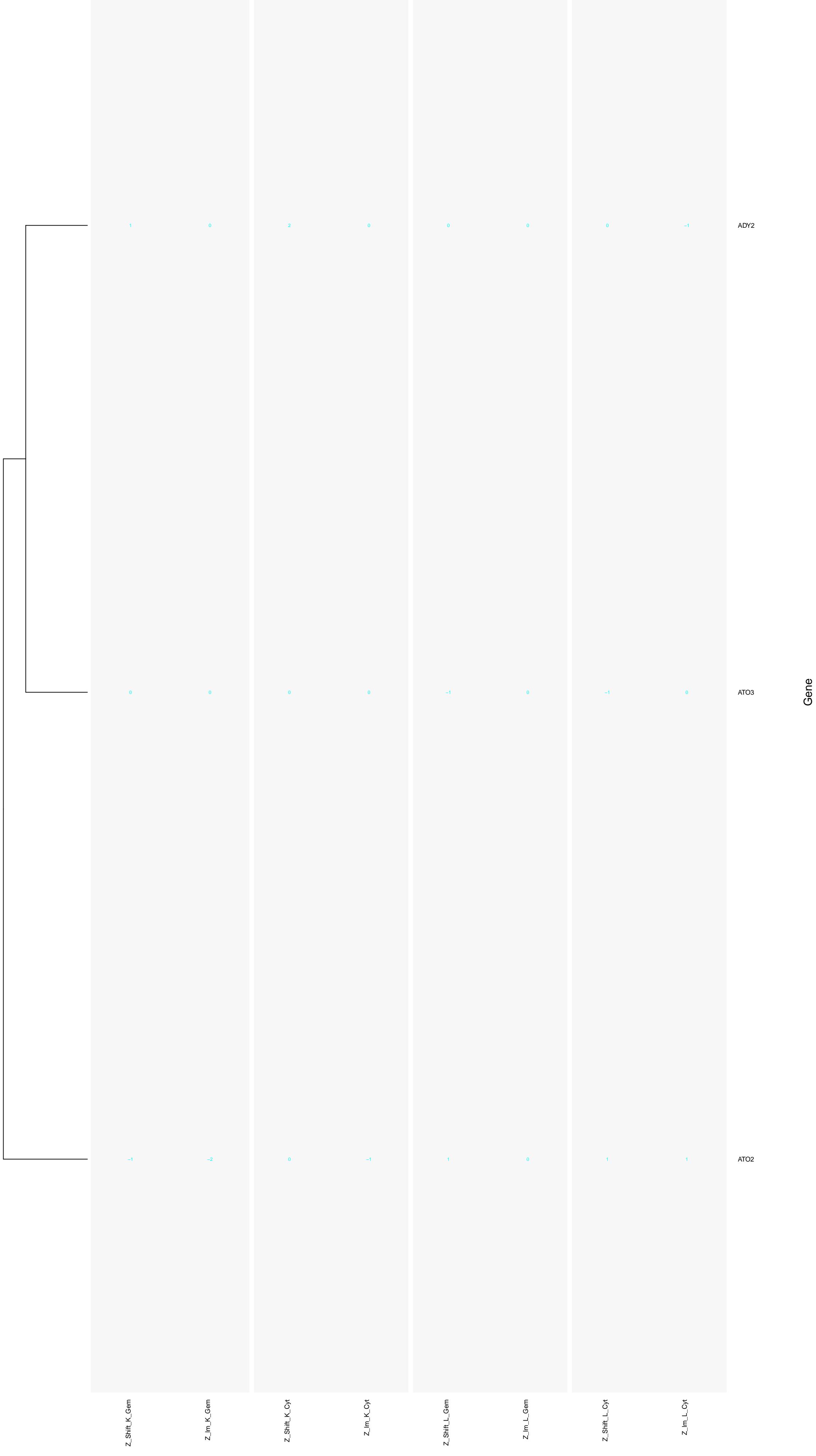
Color Key

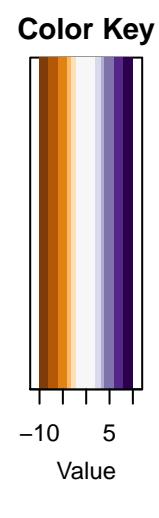


-10 5

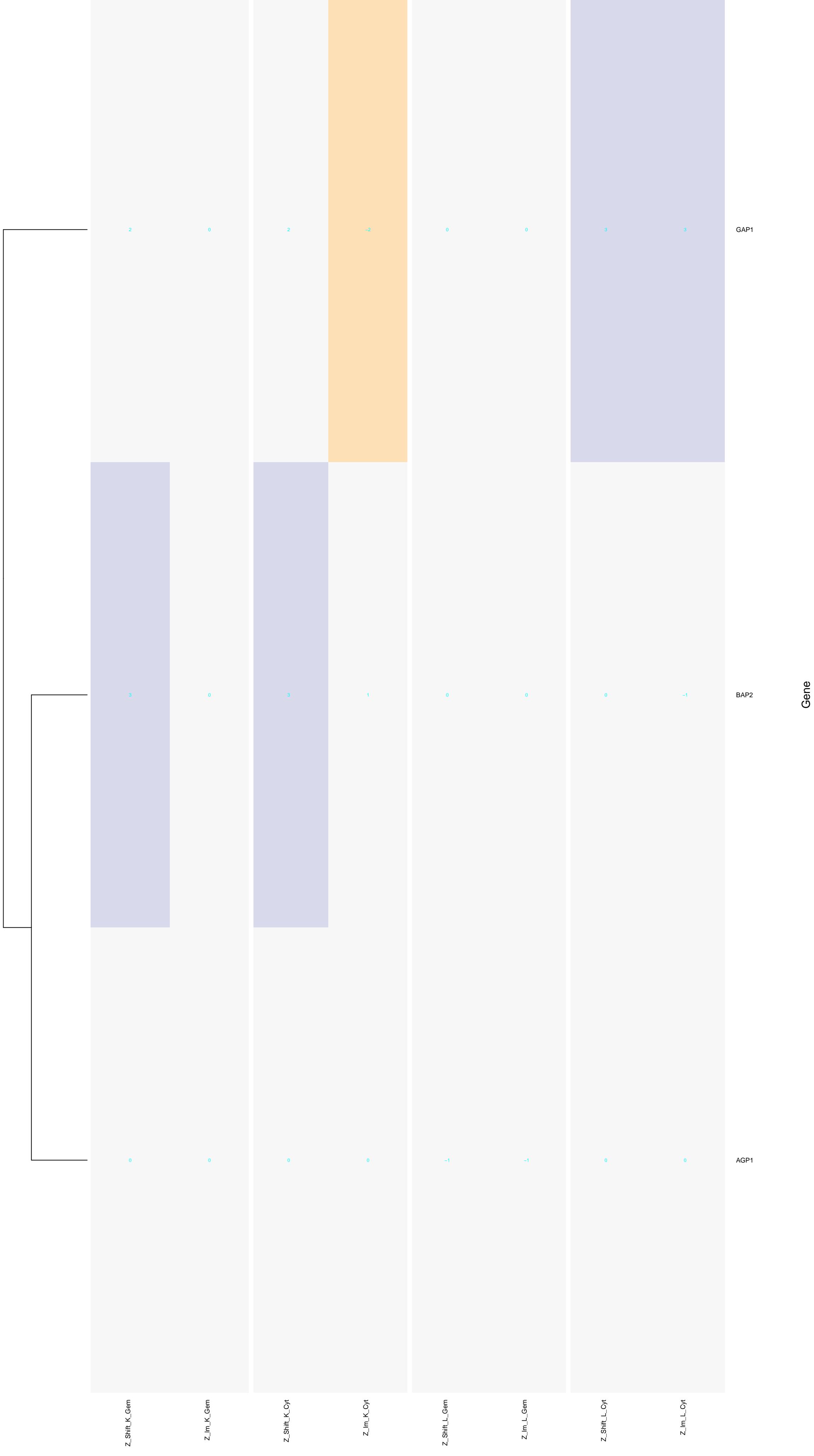
Value

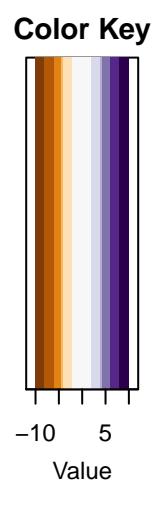
plasma membrane acetate transport



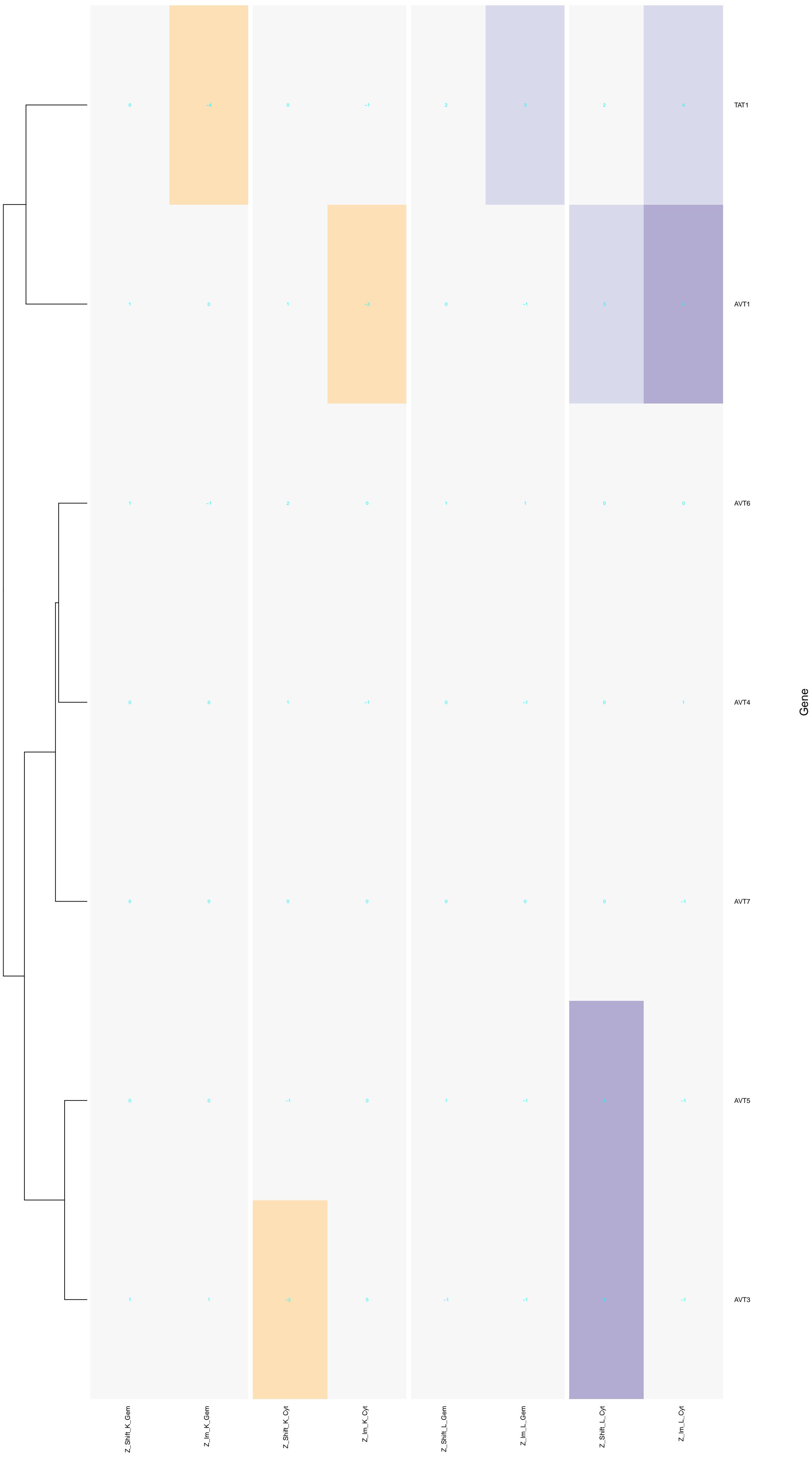


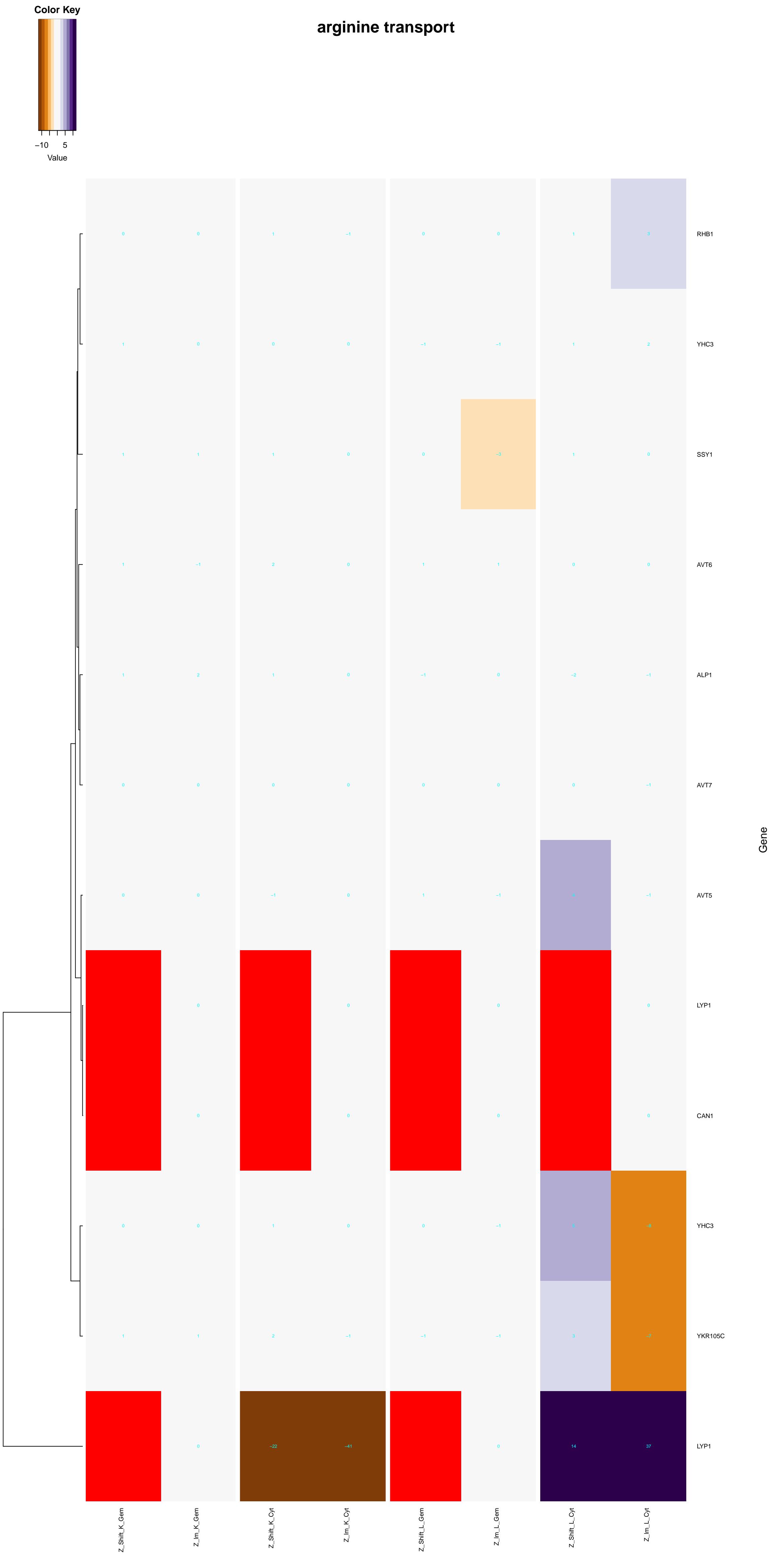
phenylalanine transport

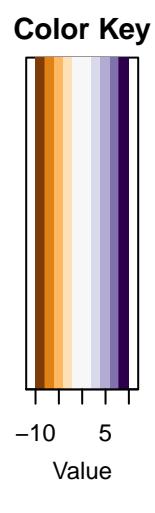




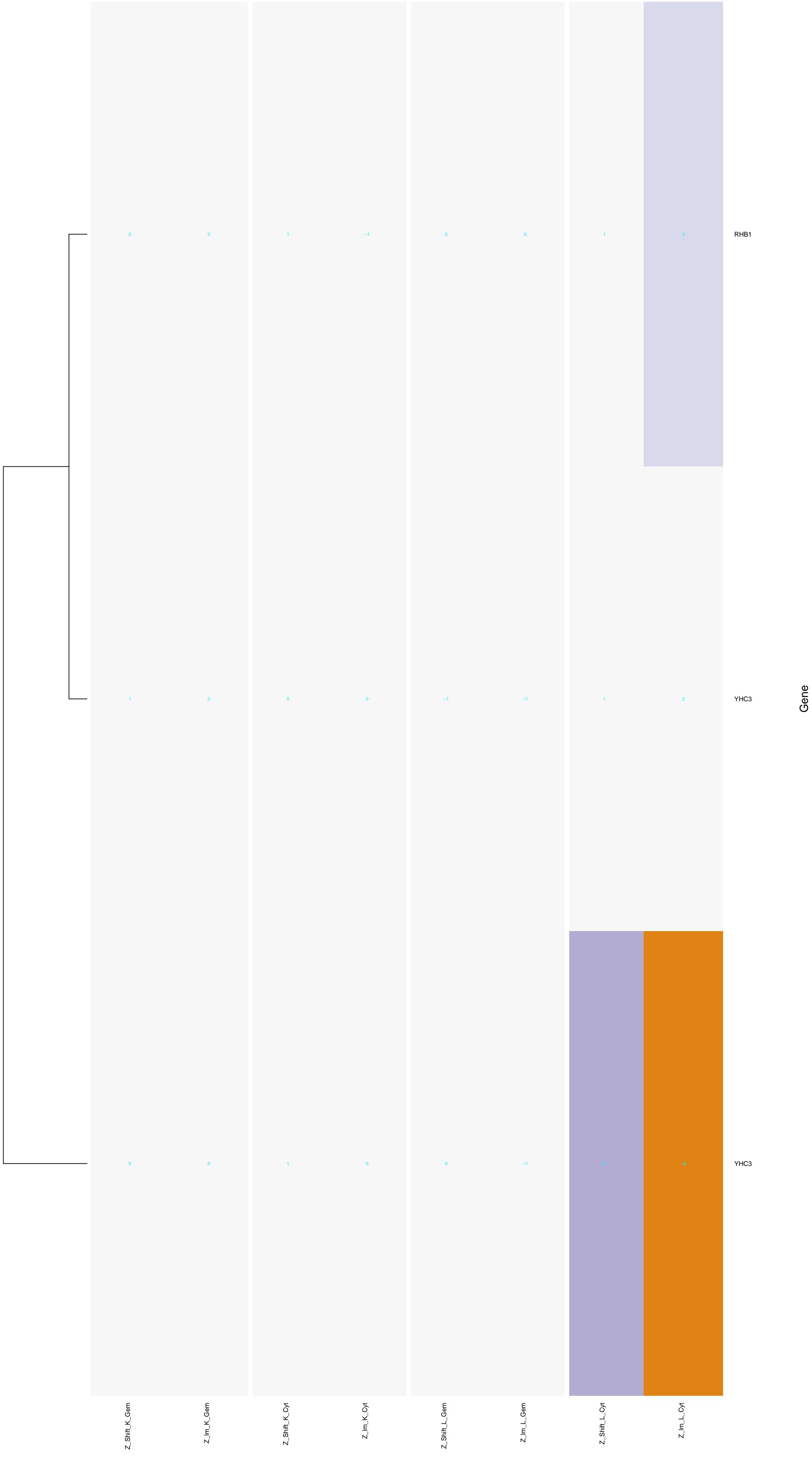
tyrosine transport

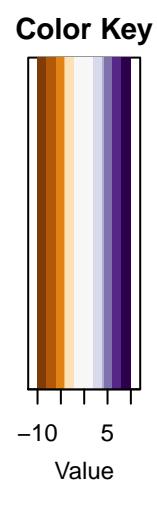




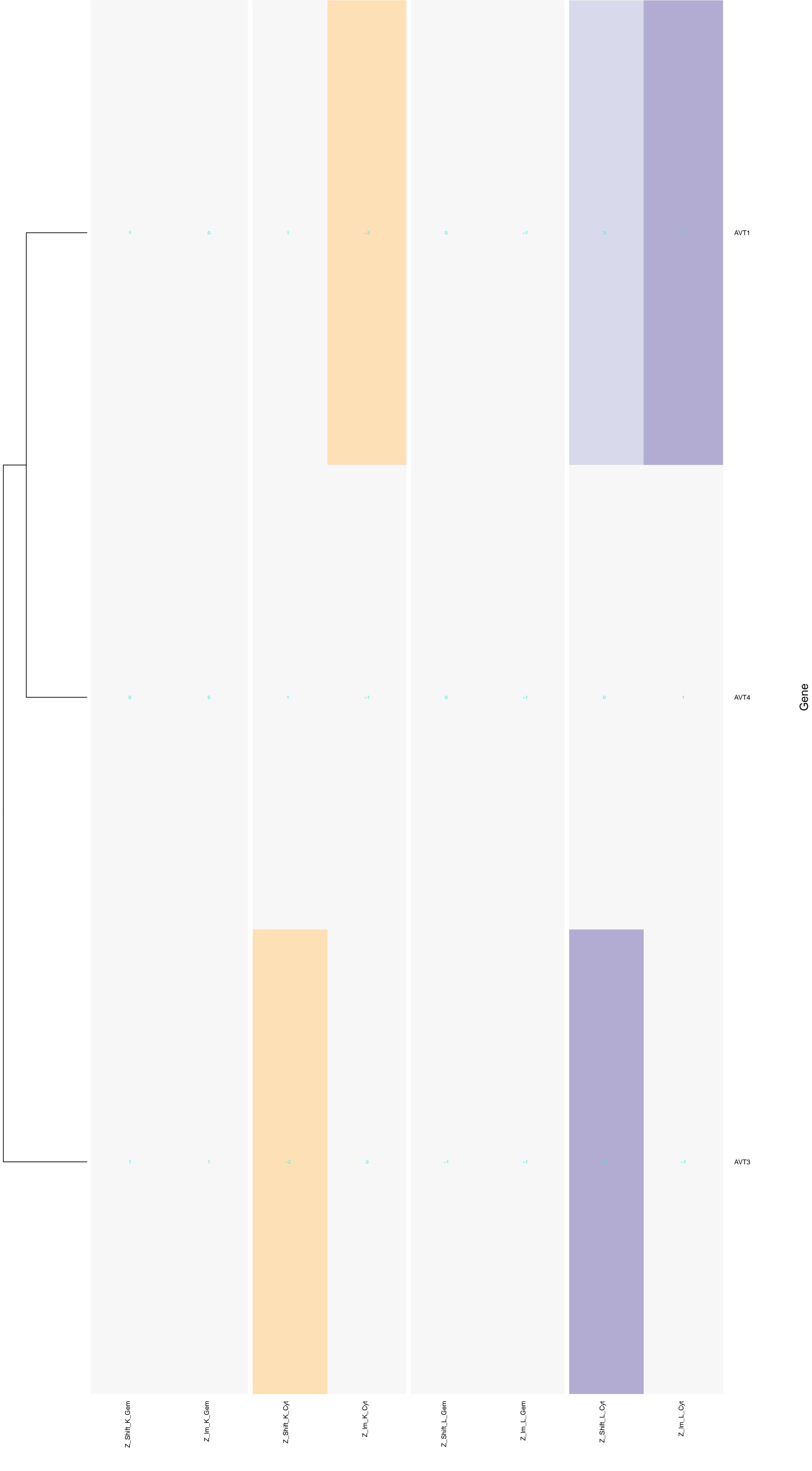


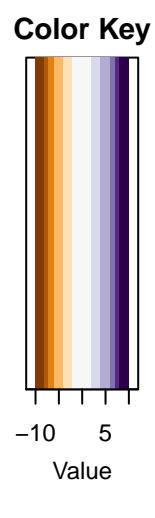
lysine transport



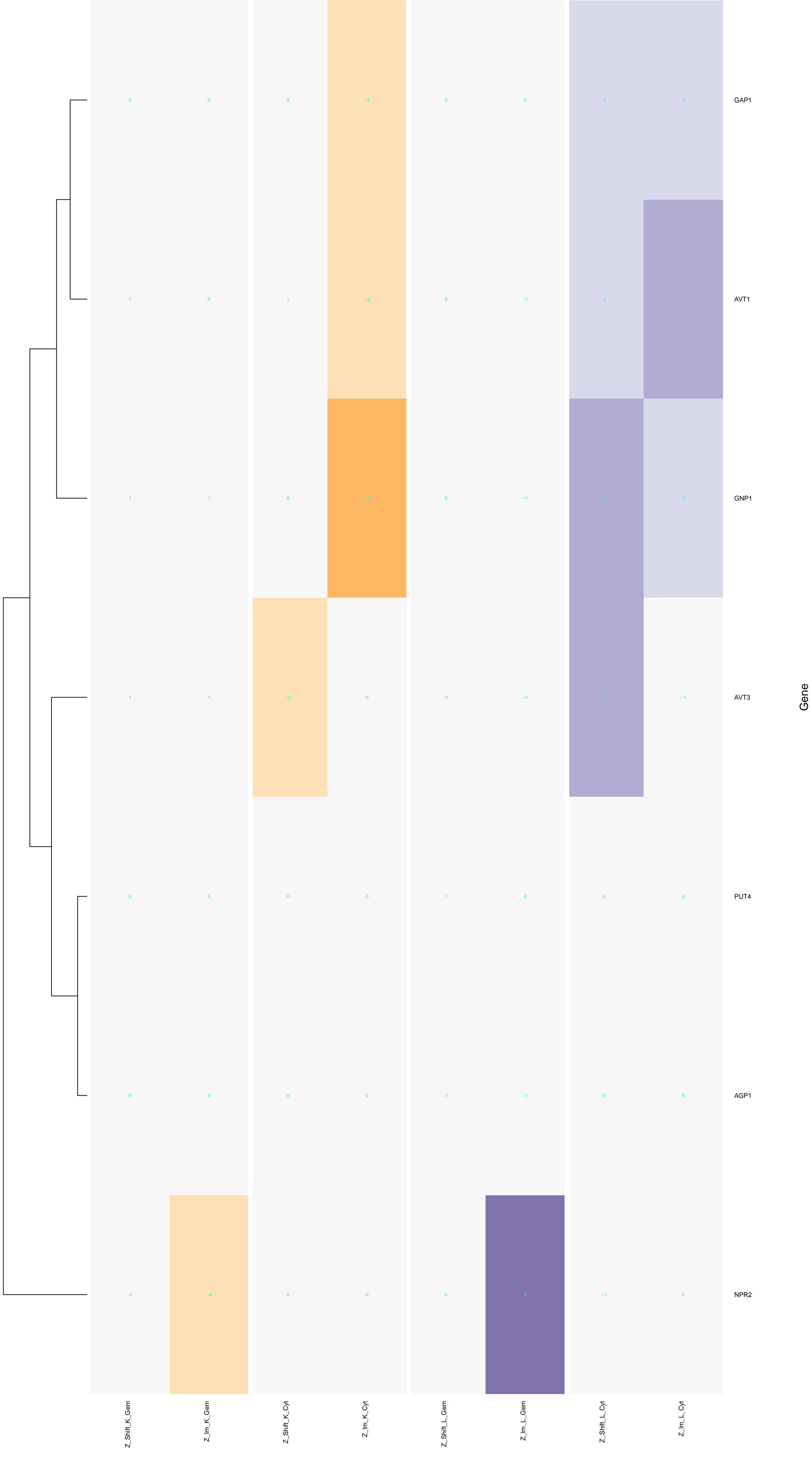


glutamine transport

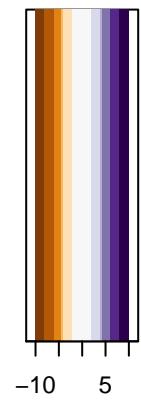




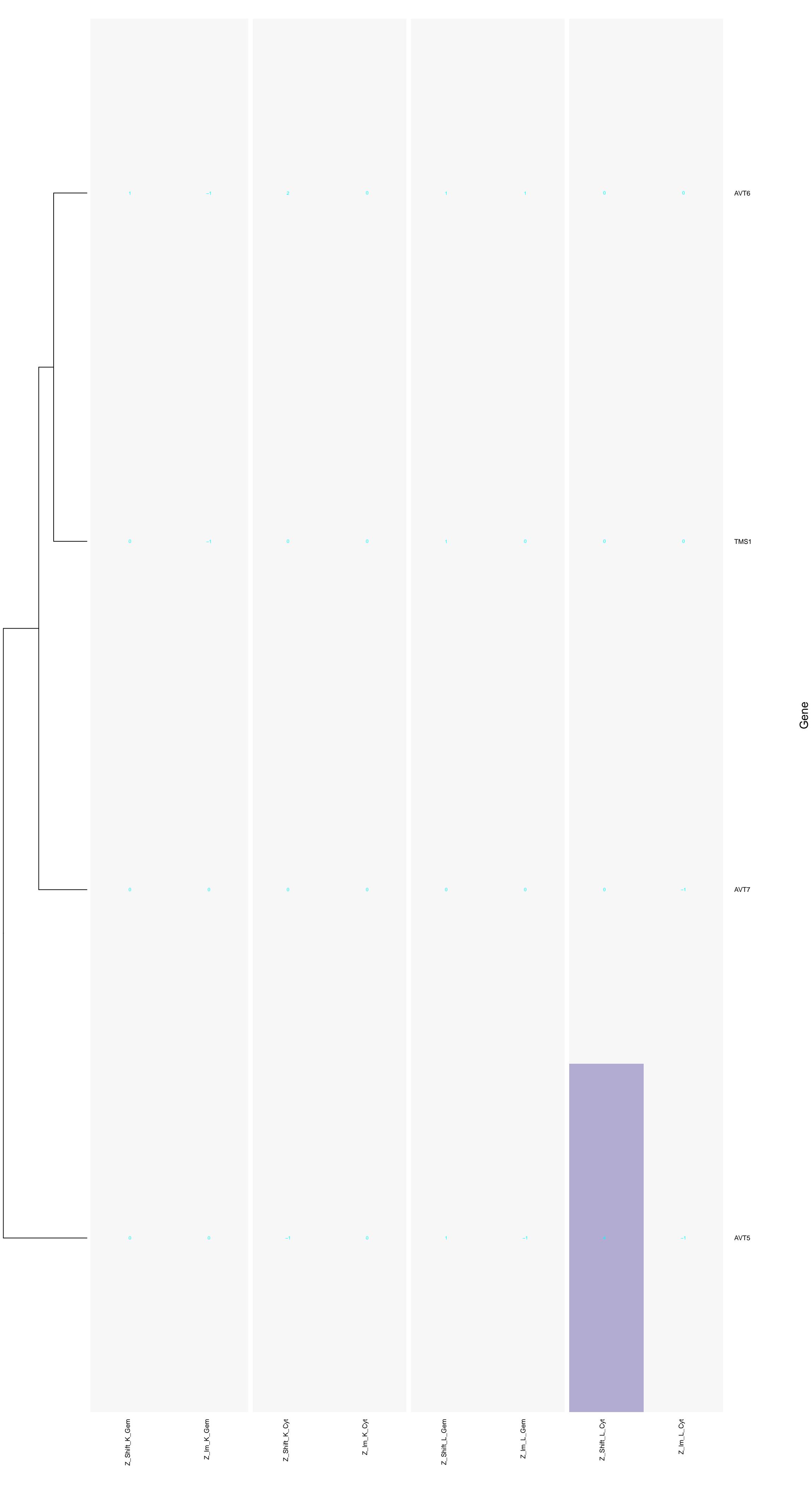
proline transport



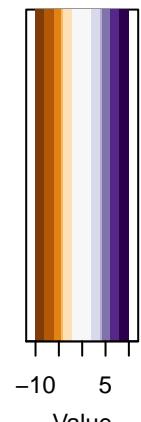
Color Key



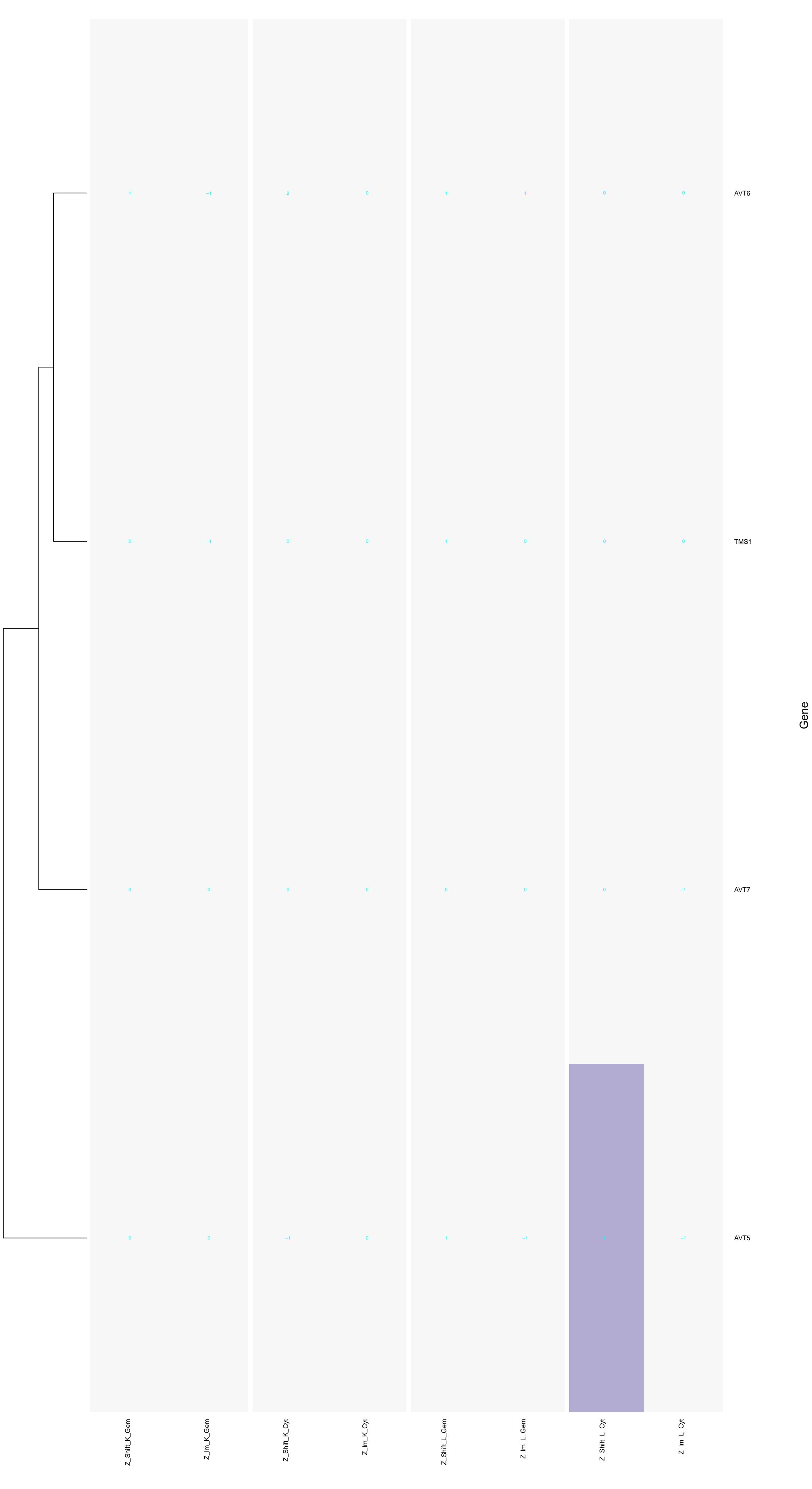
serine transport

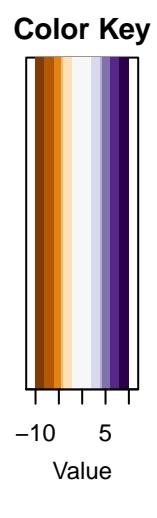


Color Key

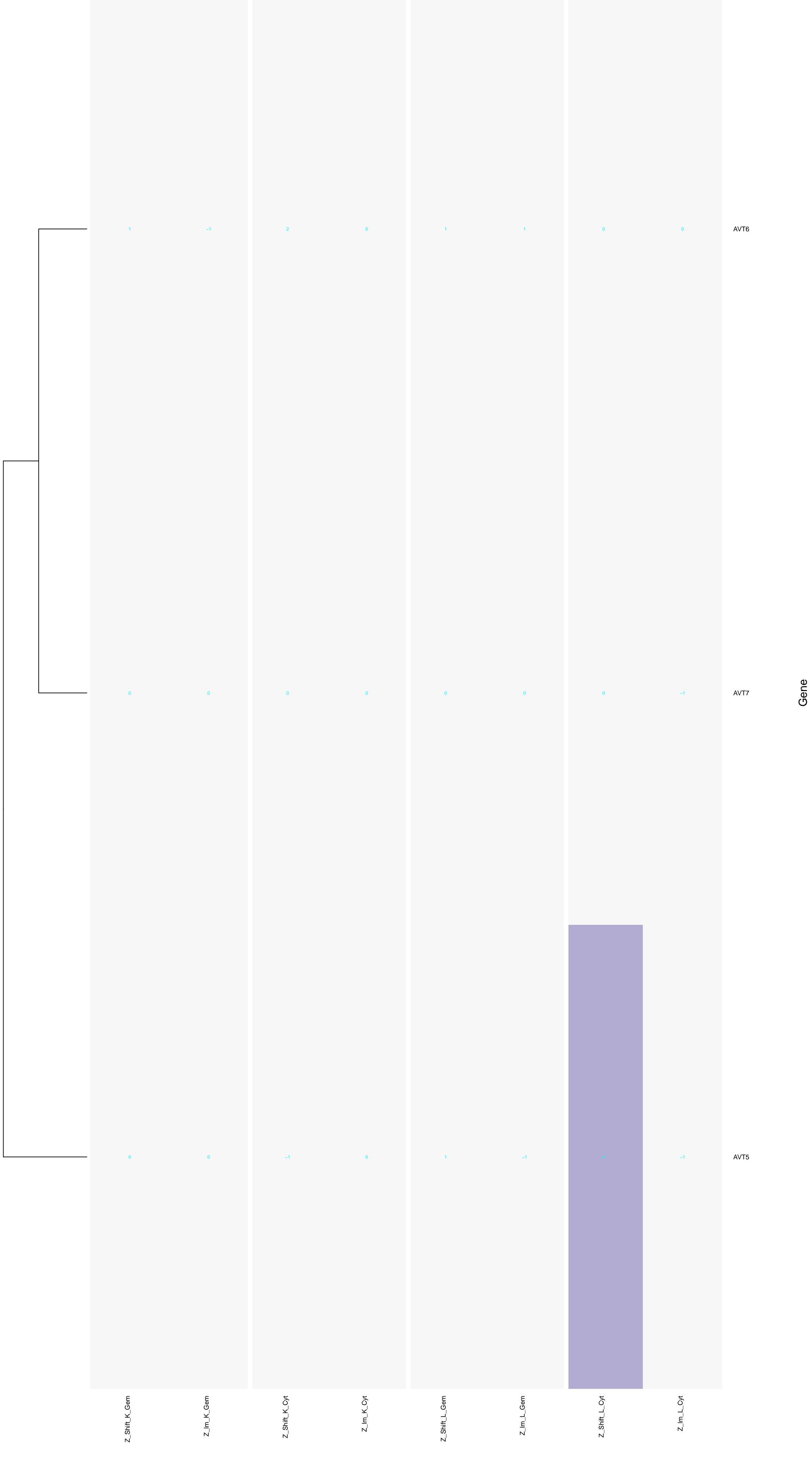


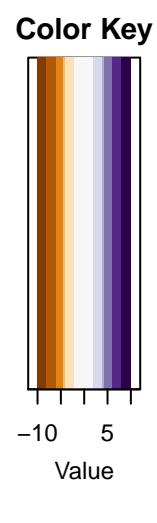
L-serine transport



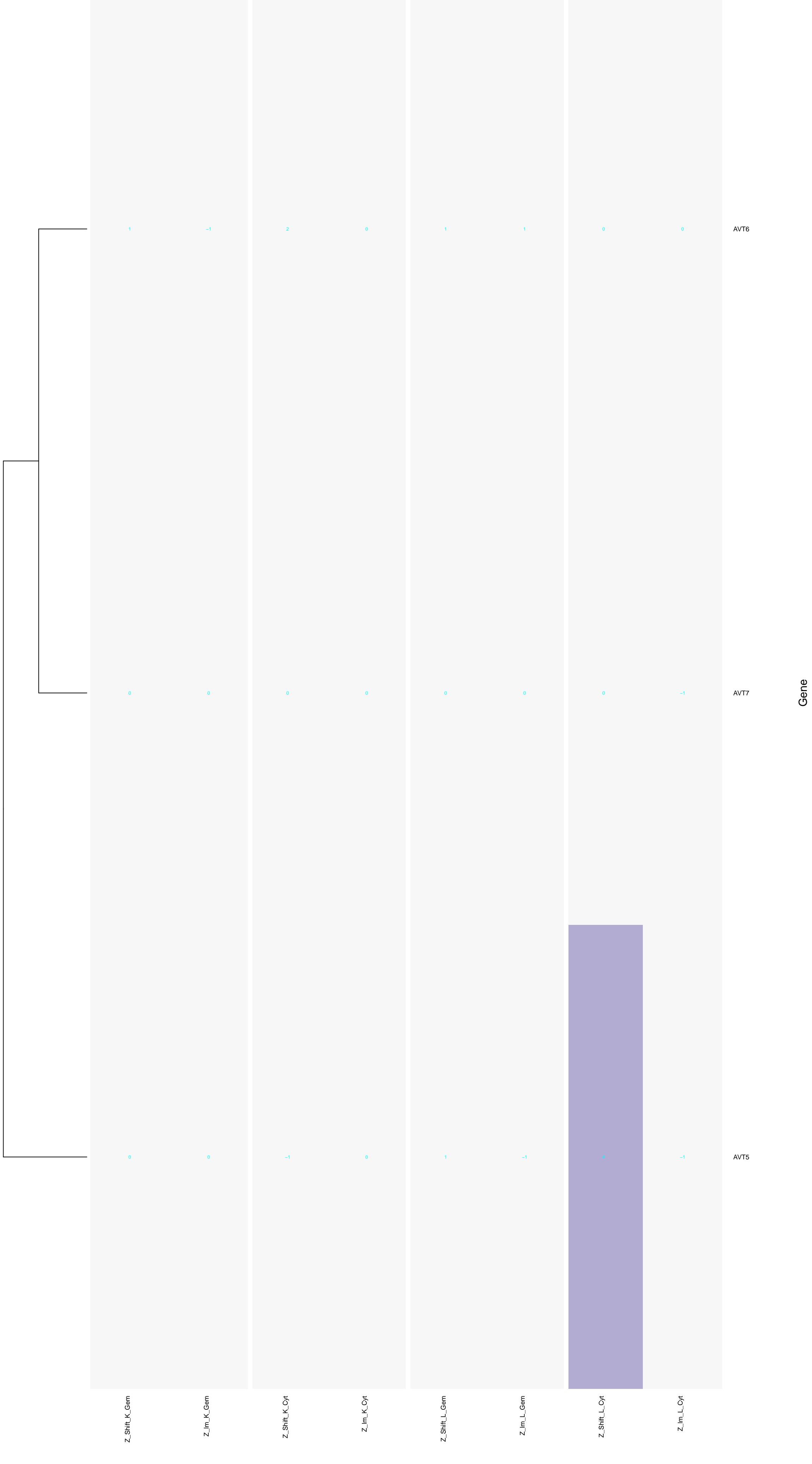


L-lysine transport

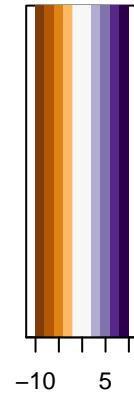




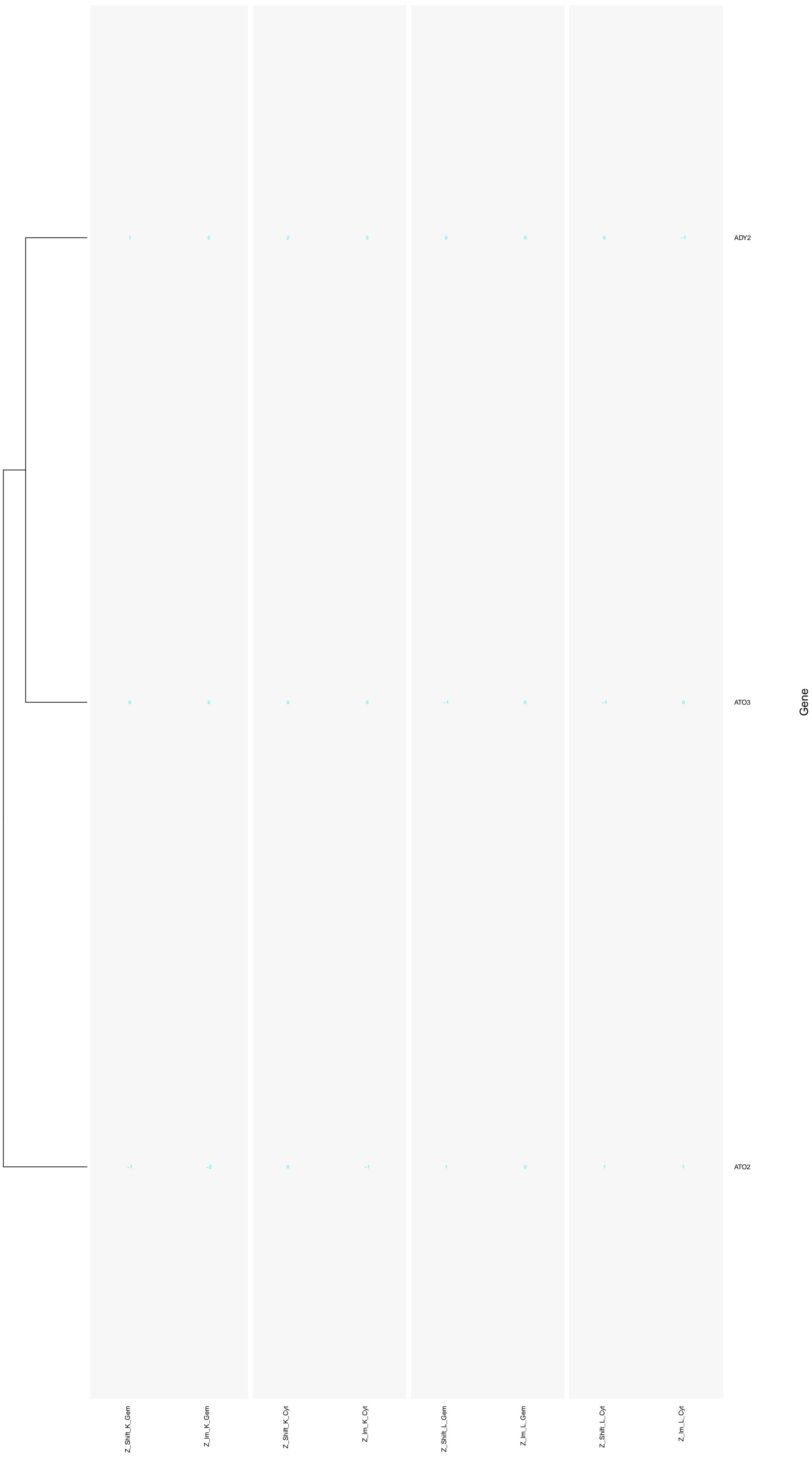
L-arginine transport

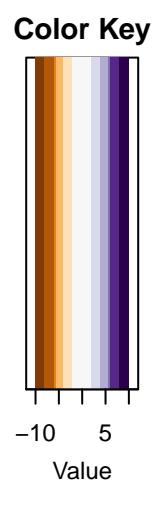


Color Key

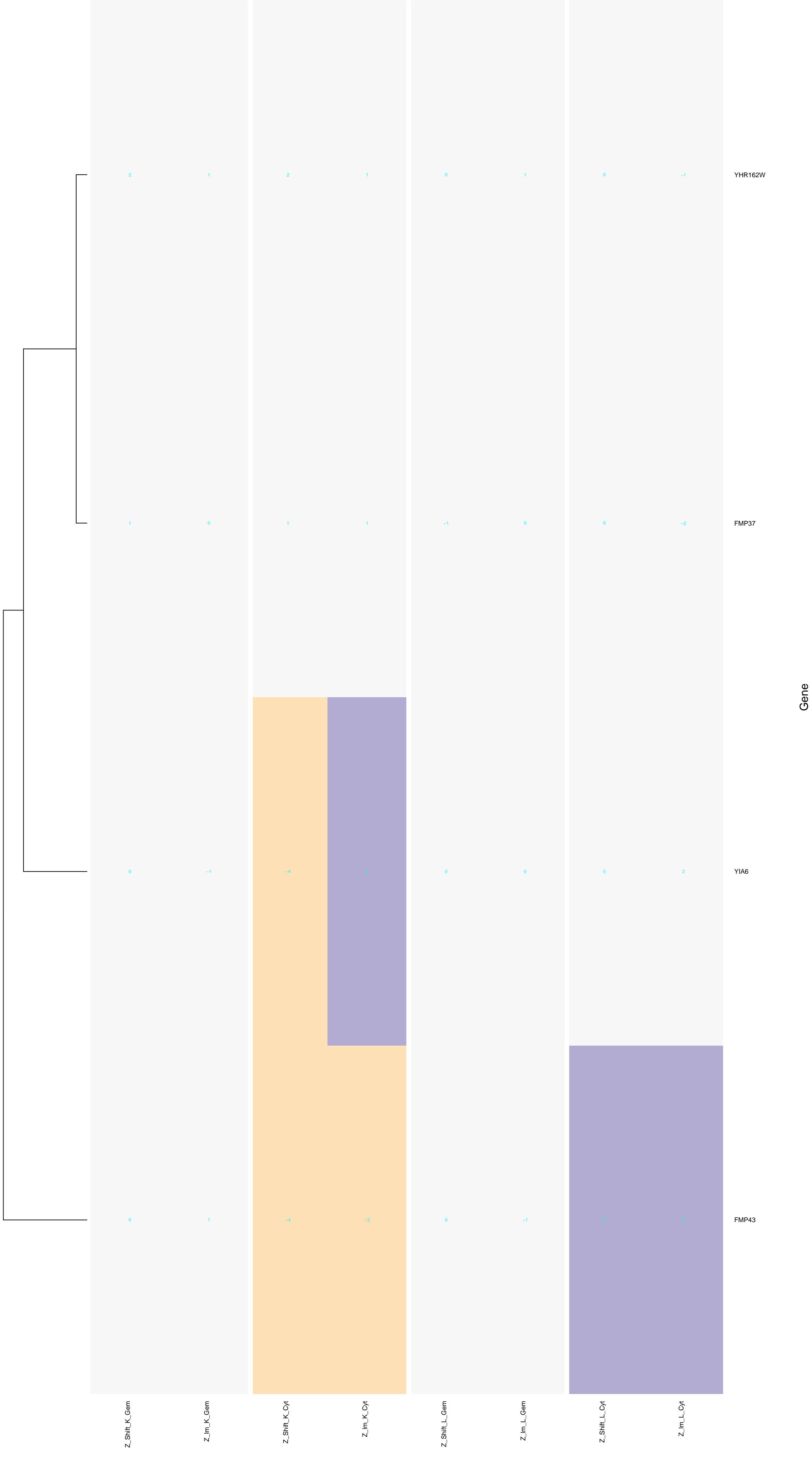


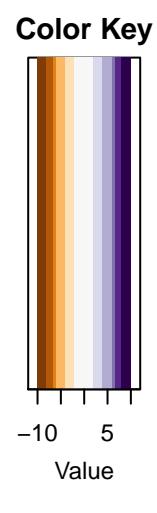
acetate transmembrane transport



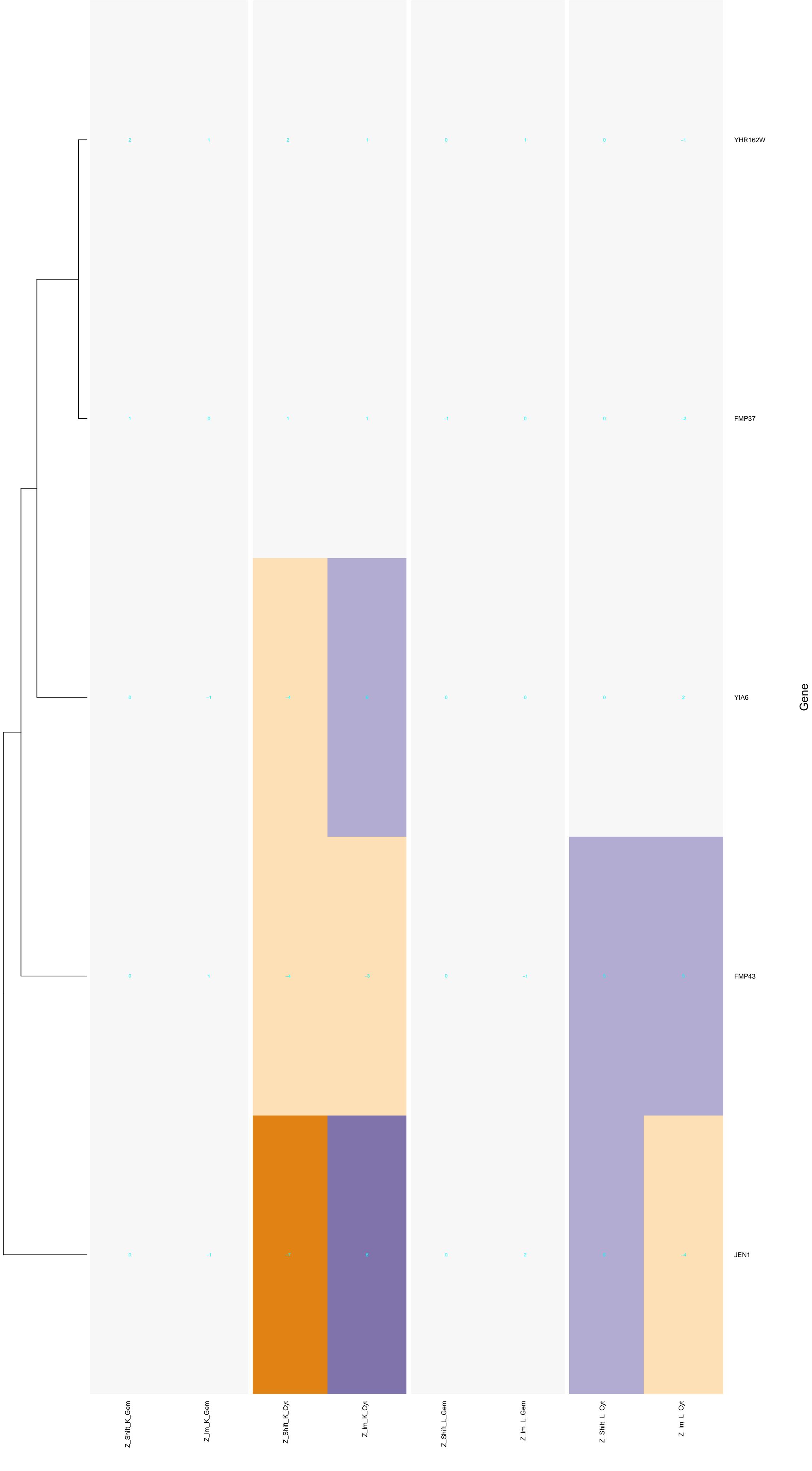


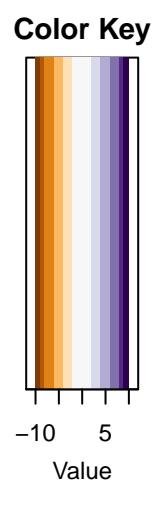
mitochondrial pyruvate transport



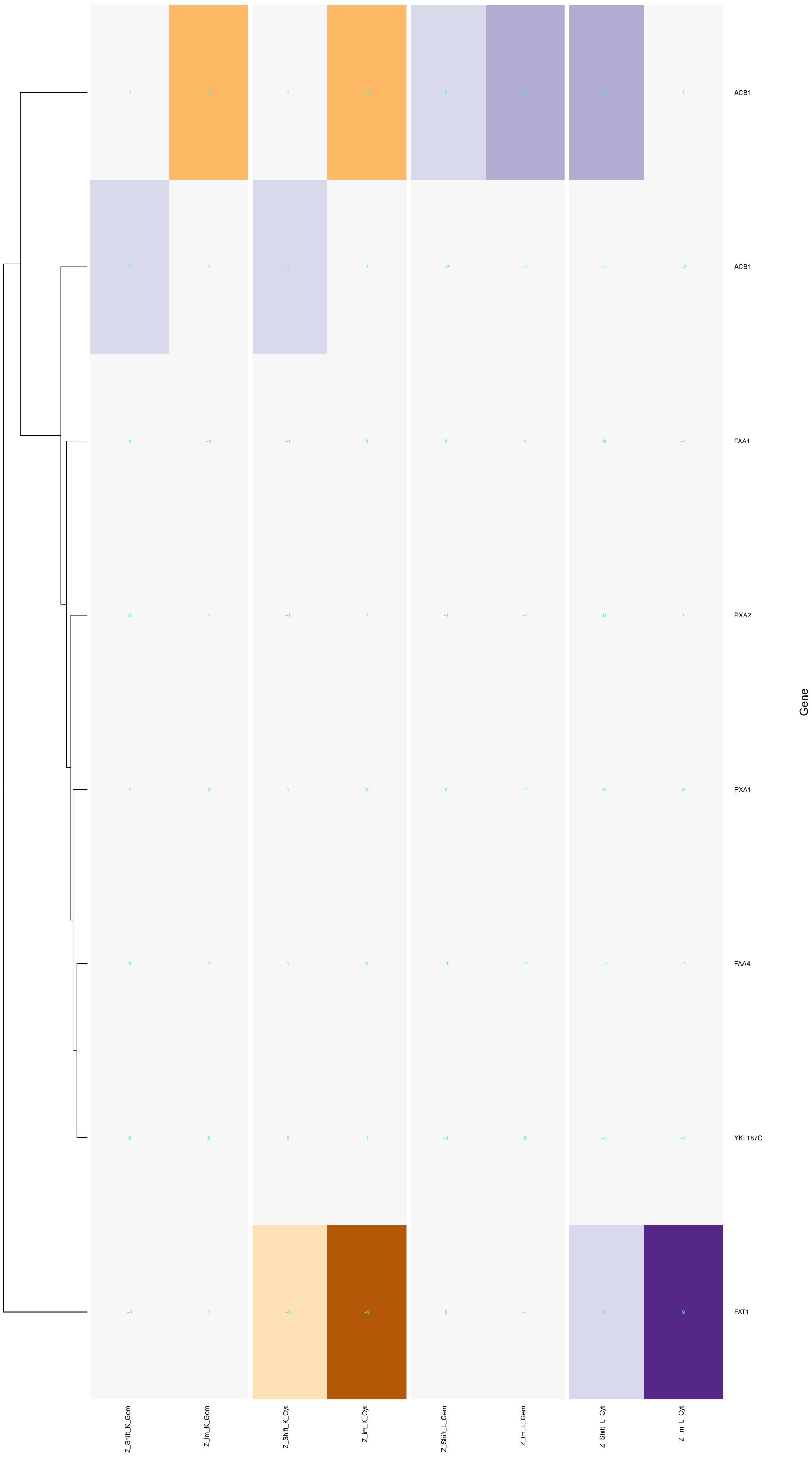


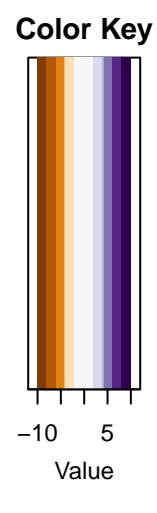
pyruvate transmembrane transport



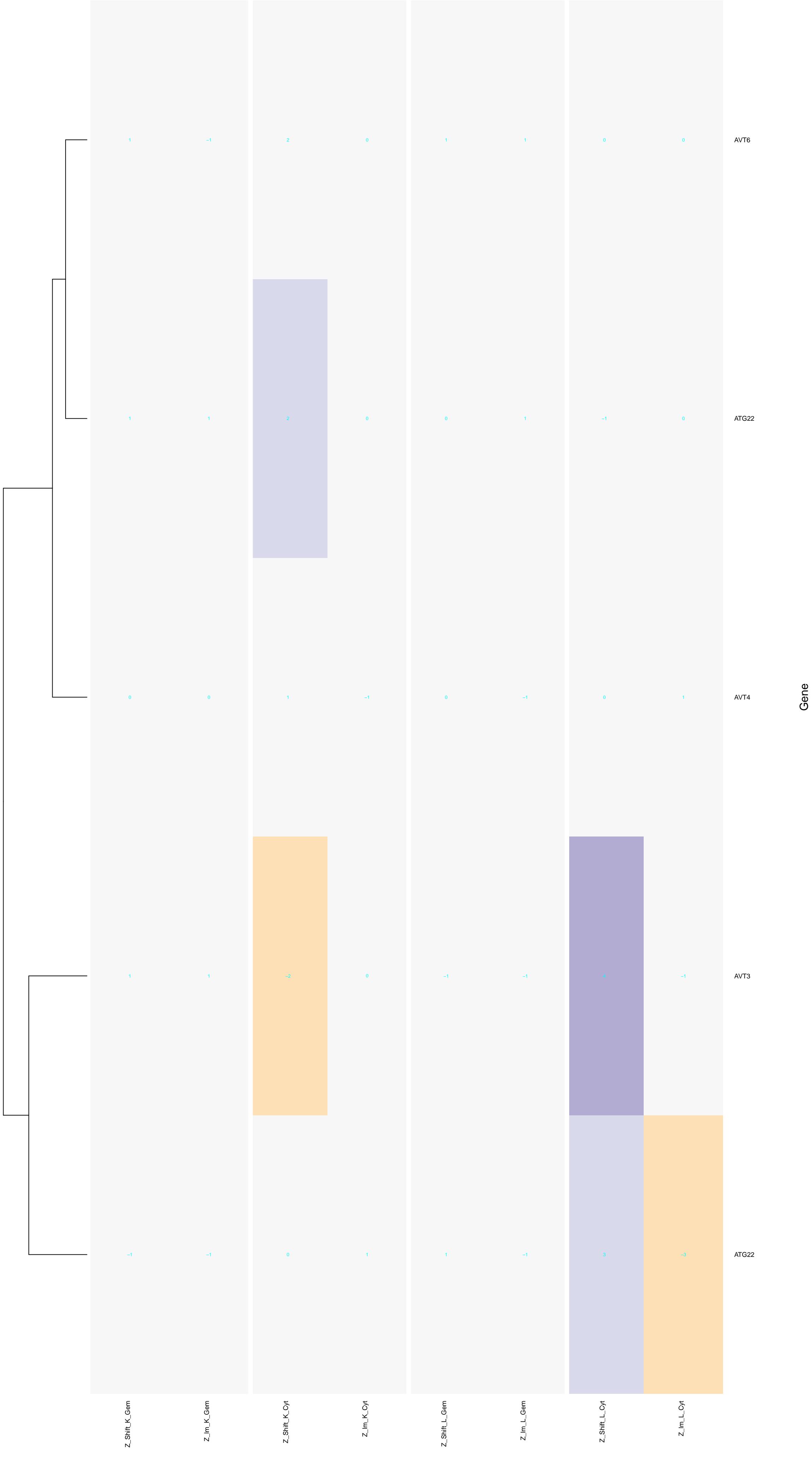


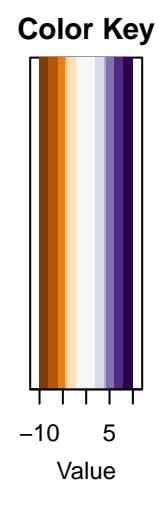
long-chain fatty acid transport



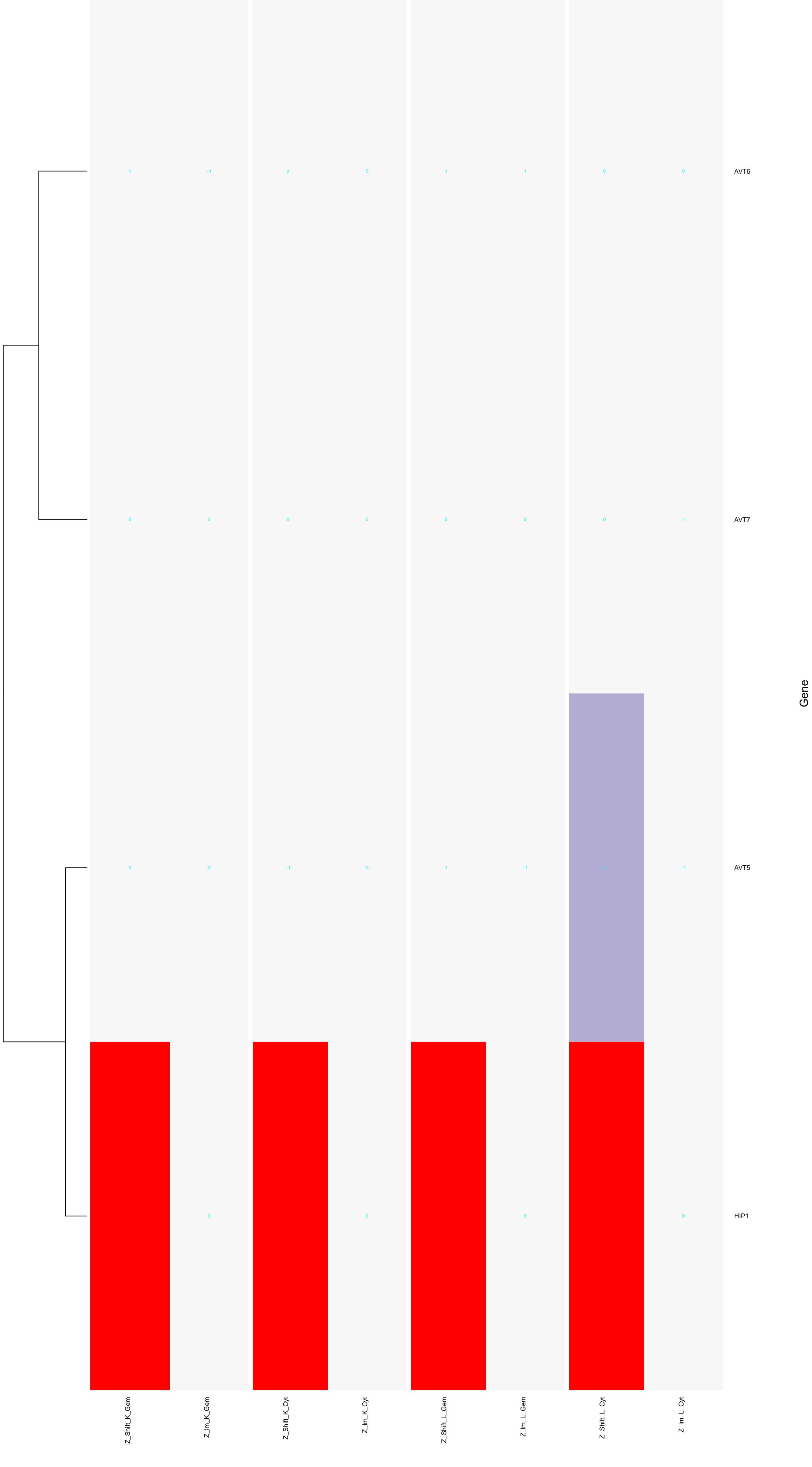


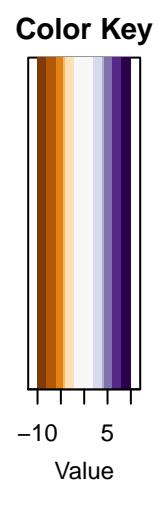
amino acid transmembrane export from vacuole



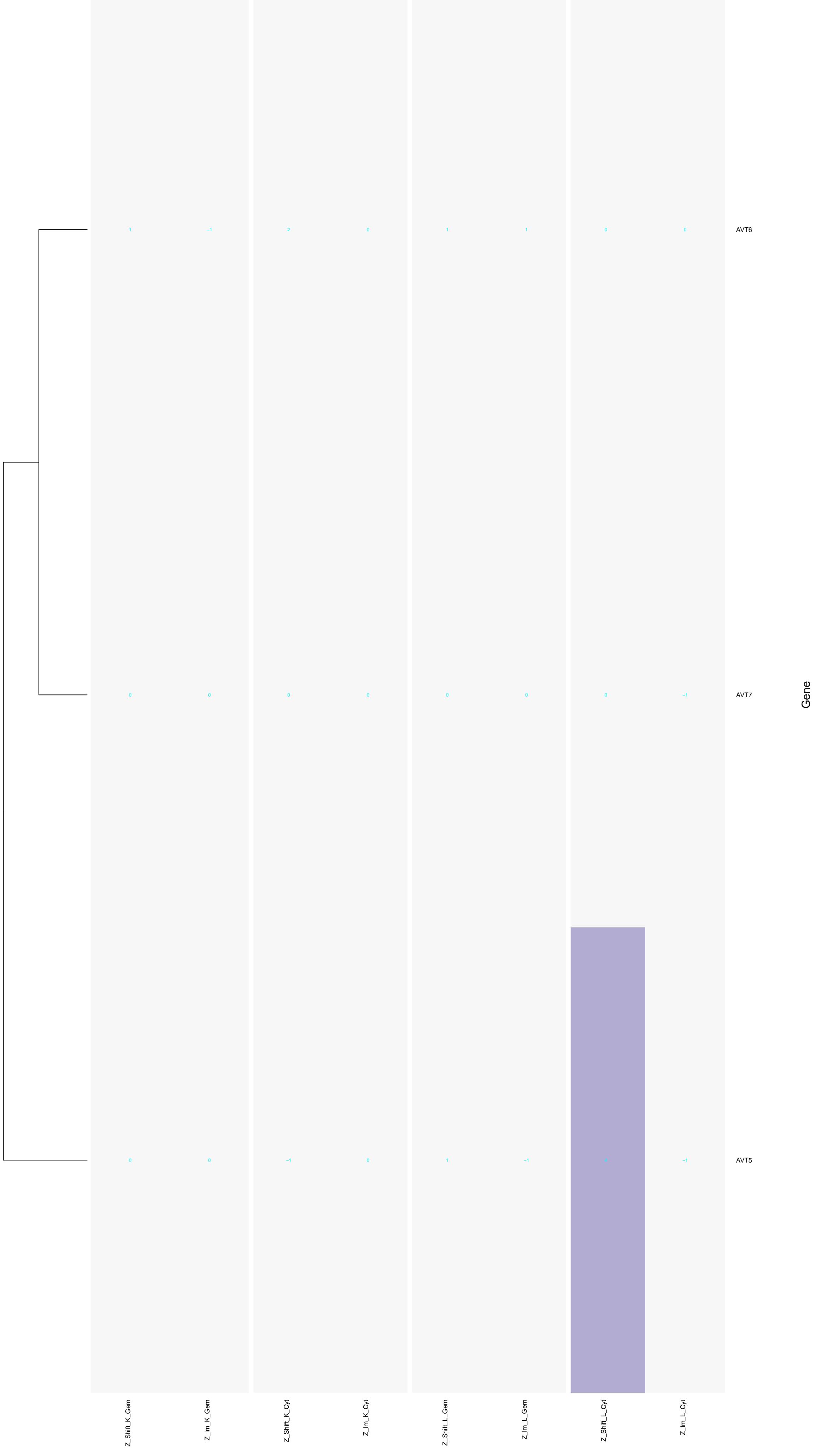


L-histidine transmembrane transport

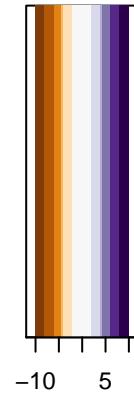




L-arginine transmembrane transport



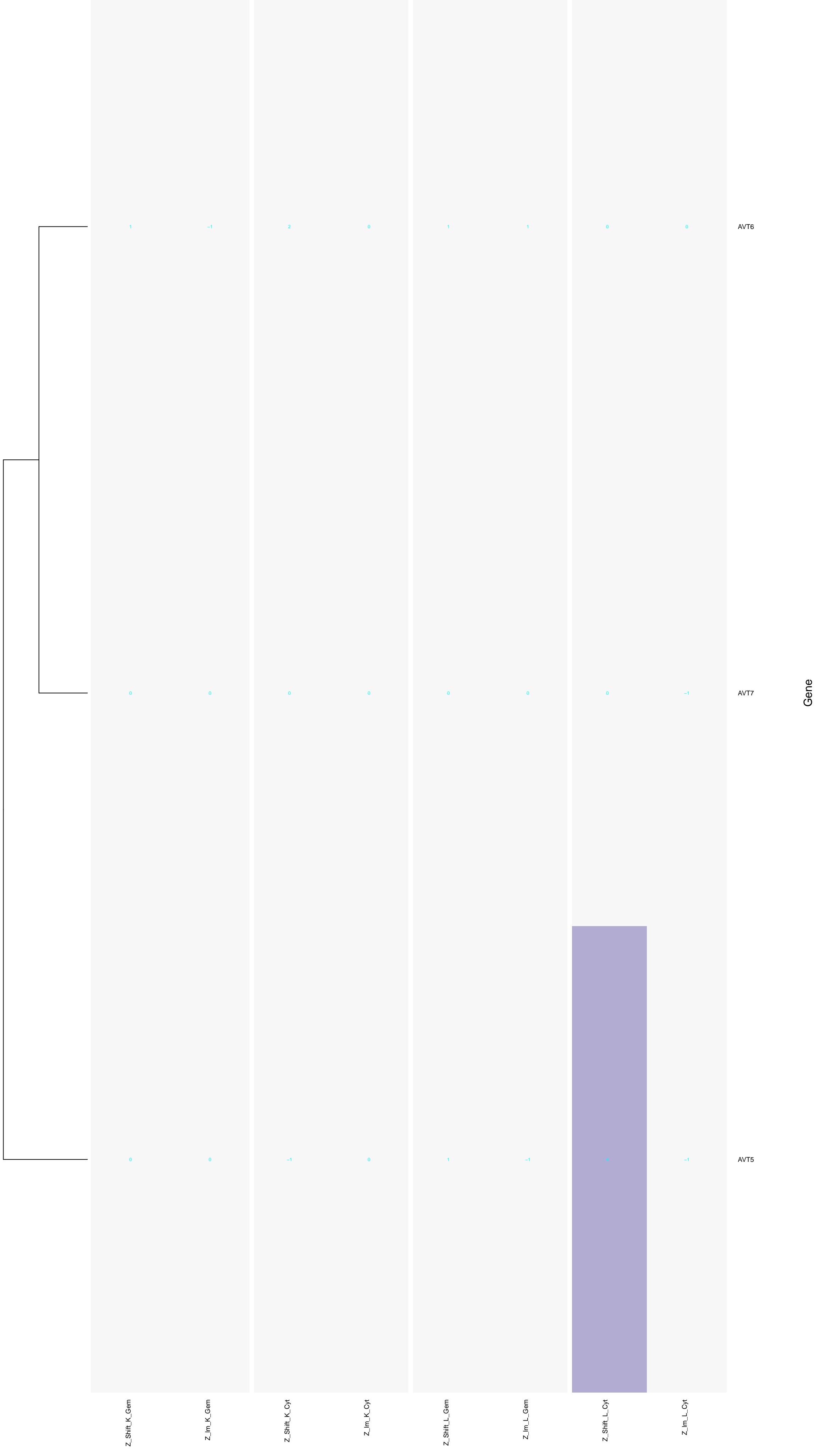
Color Key



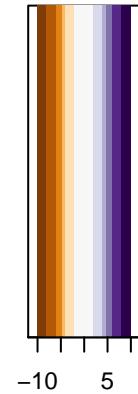
-10 5

Value

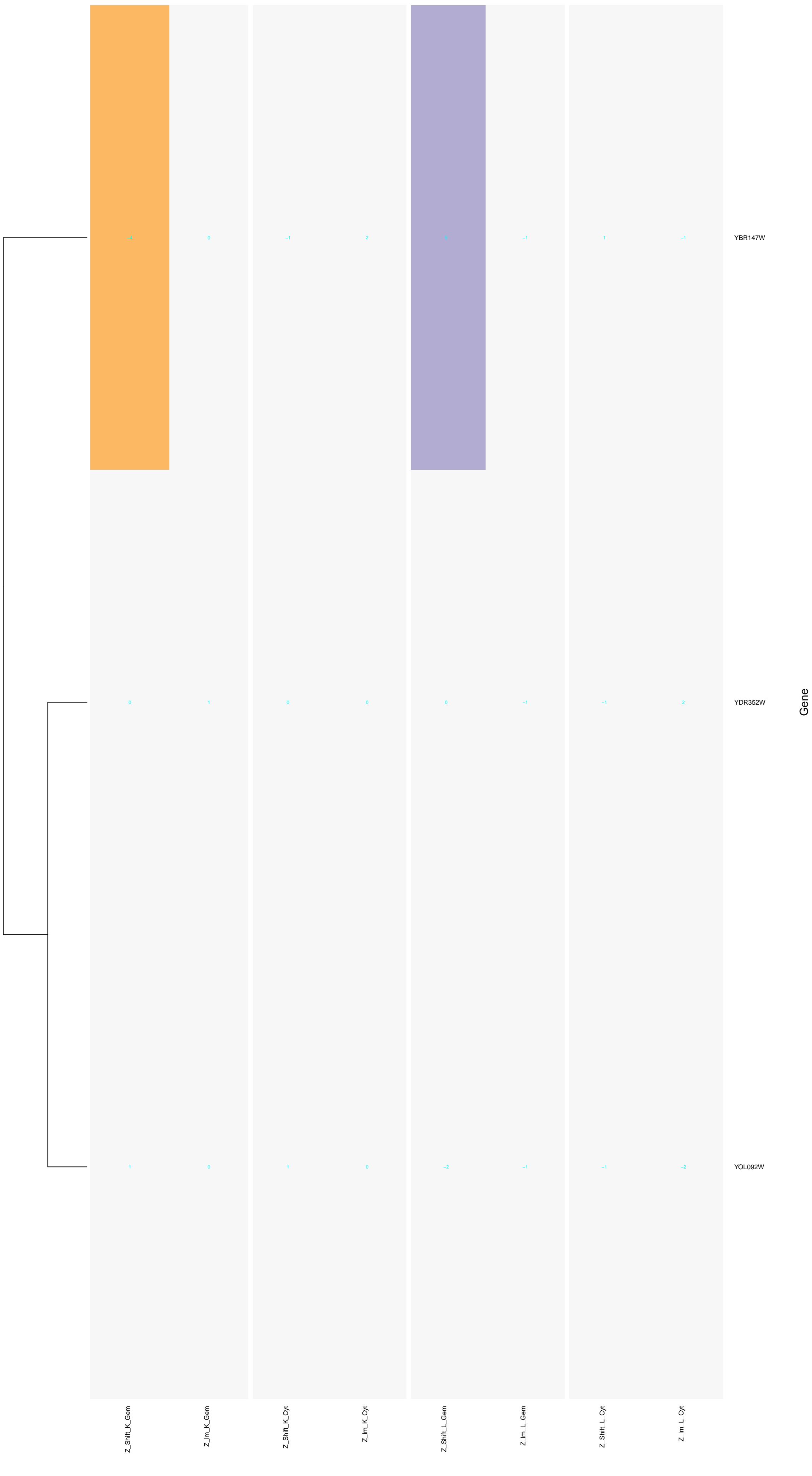
L-lysine transmembrane transport

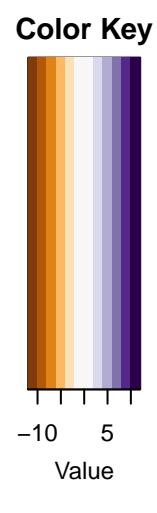


Color Key

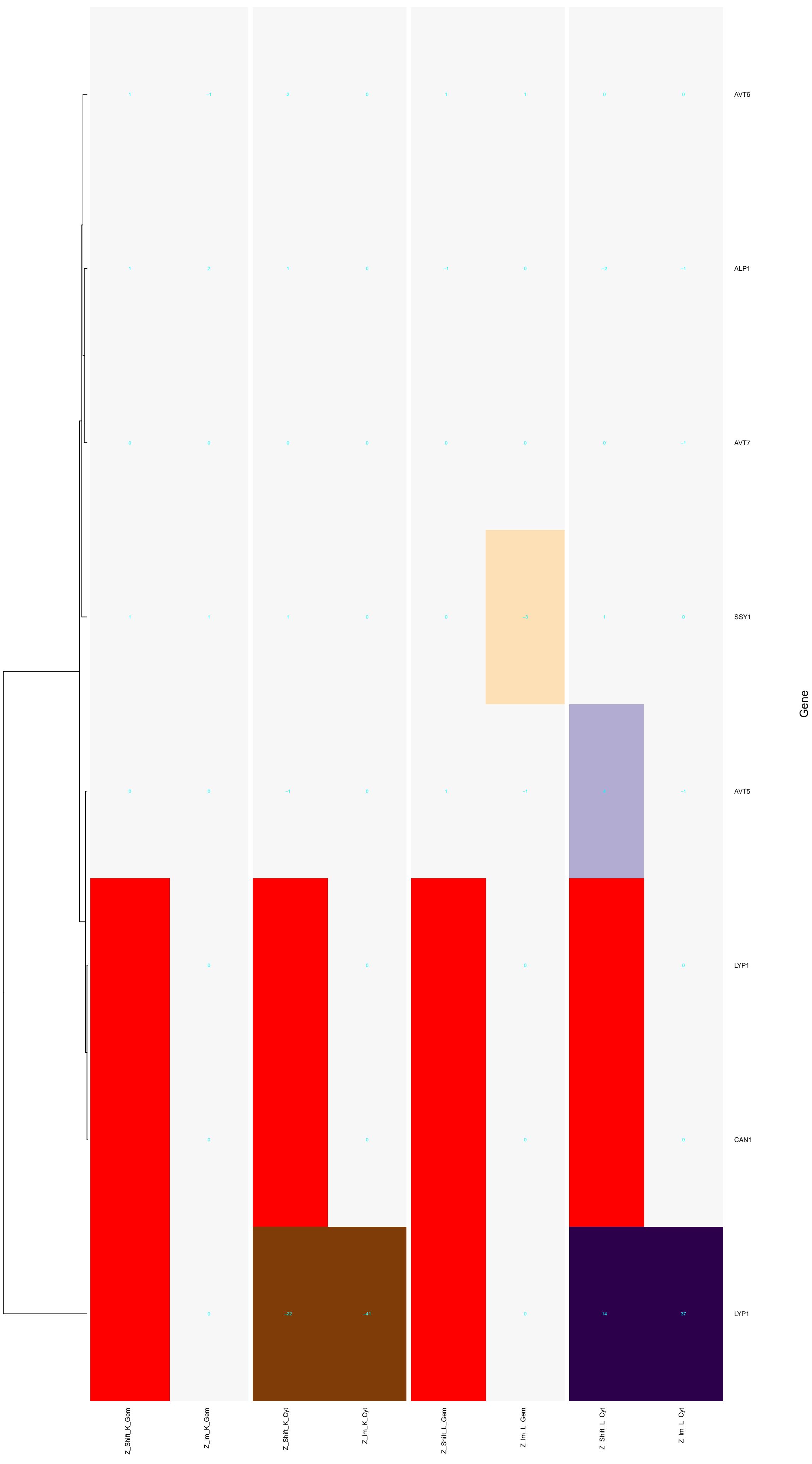


basic amino acid transmembrane export from vacuole

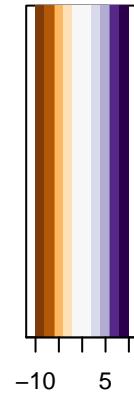




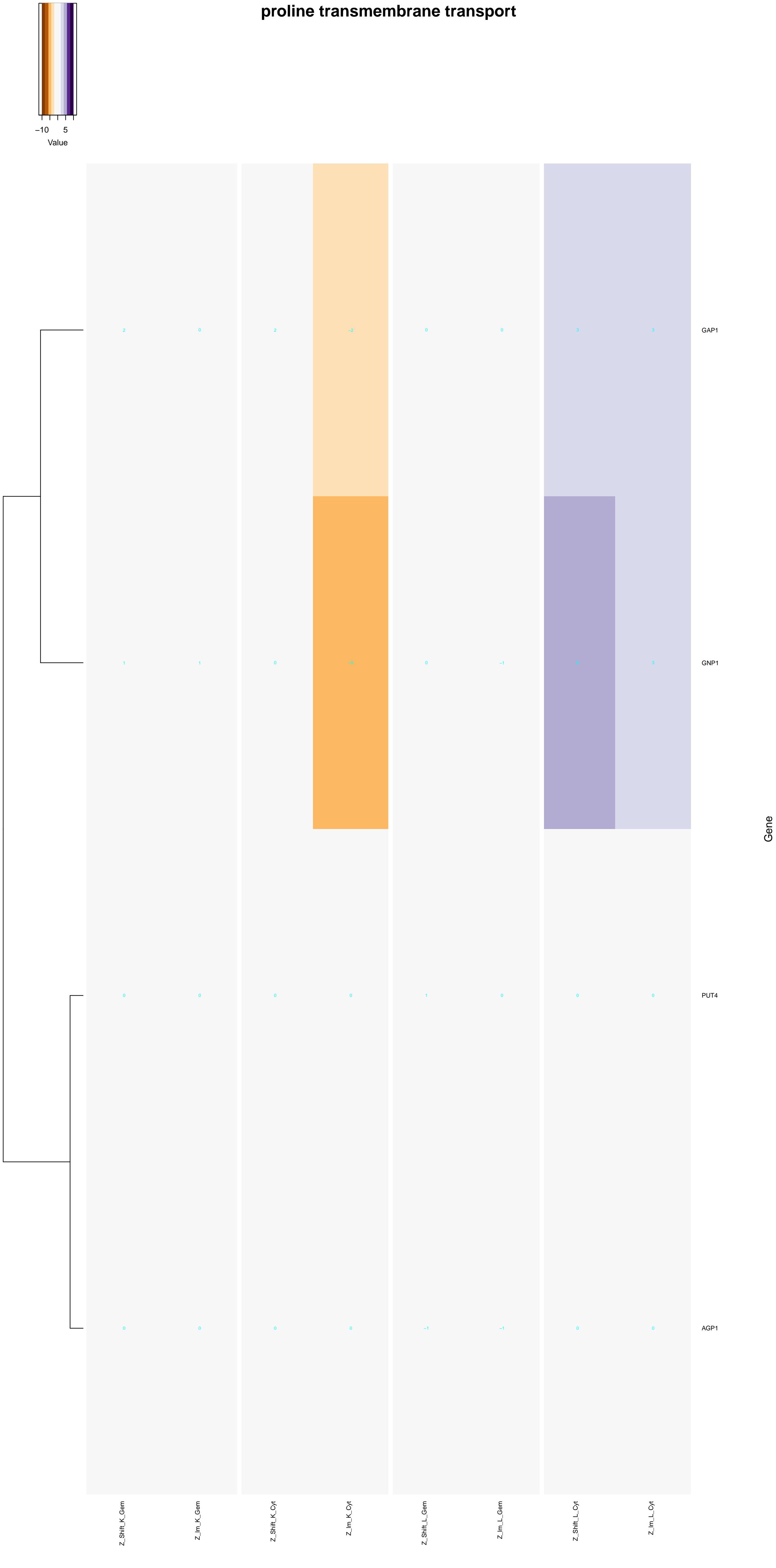
arginine transmembrane transport



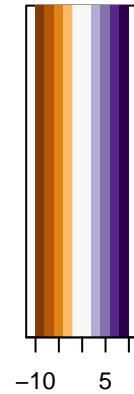
Color Key



proline transmembrane transport



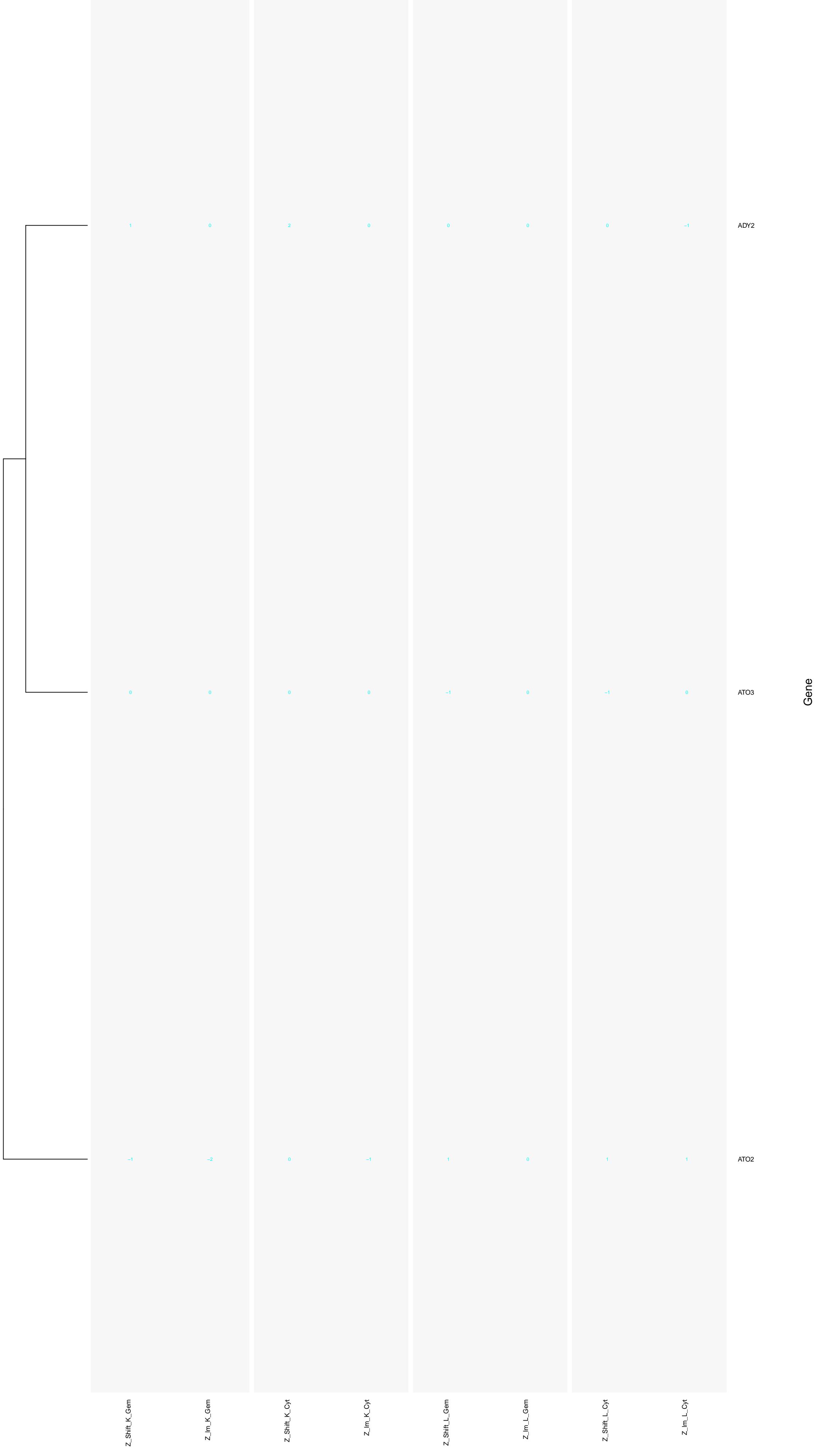
Color Key

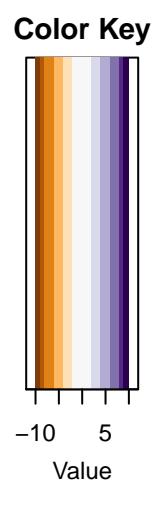


-10 5

Value

plasma membrane acetate transport





long-chain fatty acid import

