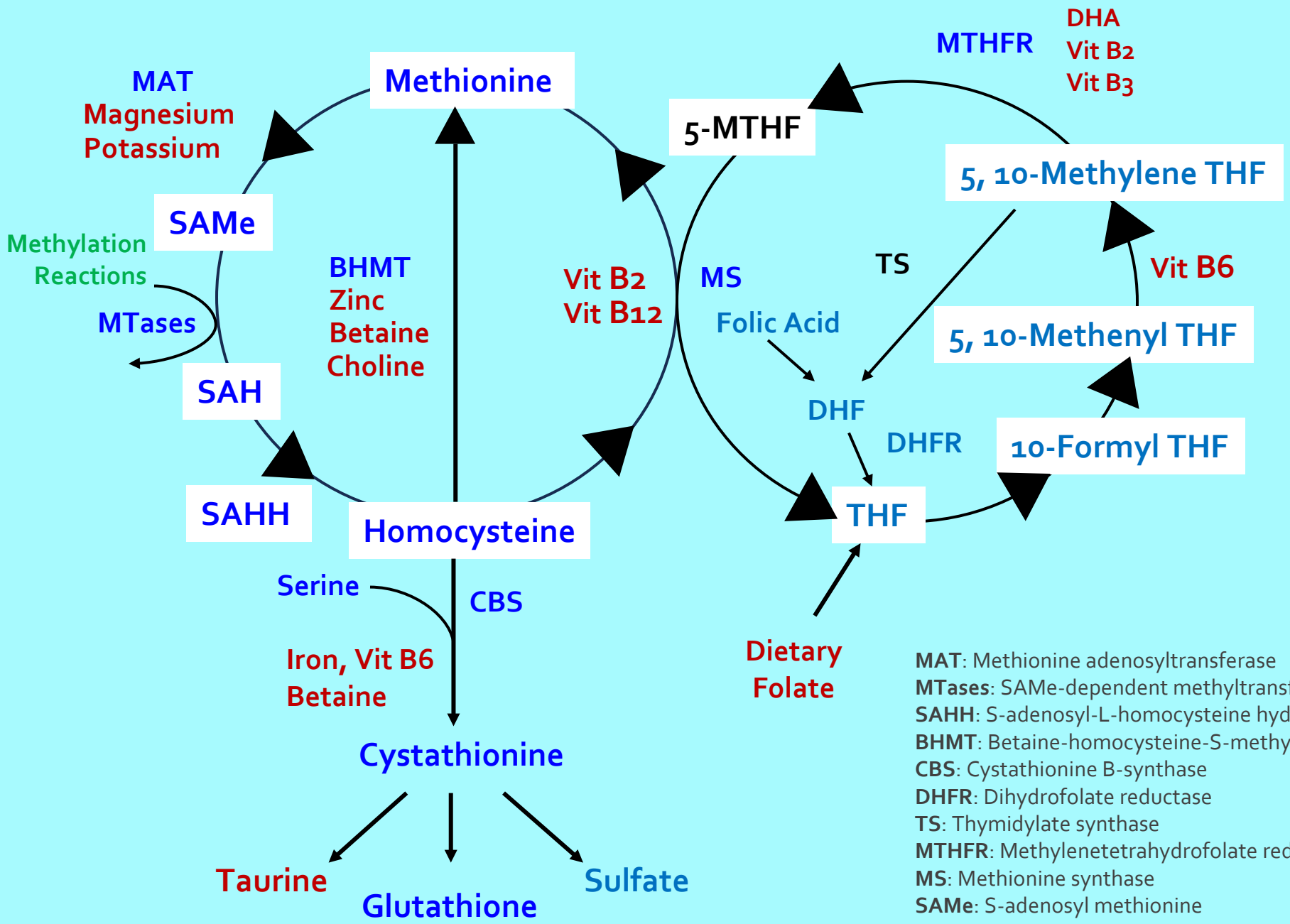


**MAT**: Methionine adenosyltransferase
**MTases**: SAMe-dependent methyltransferases
**SAHH**: S-adenosyl-L-homocysteine hydrolase
**BHMT**: Betaine-homocysteine-S-methyltransferase
**CBS**: Cystathionine B-synthase
**DHFR**: Dihydrofolate reductase
**TS**: Thymidylate synthase
**MTHFR**: Methylenetetrahydrofolate reductase
**MS**: Methionine synthase
**SAMe**: S-adenosyl methionine
**SAH**: S-adenosyl-L-homocysteine
**THF**: Tetrahydrofolate
**DHF**: Dihydrofolate
**5-MTHF**: L-5-methyltetrahydrofolate

# METHYLATION